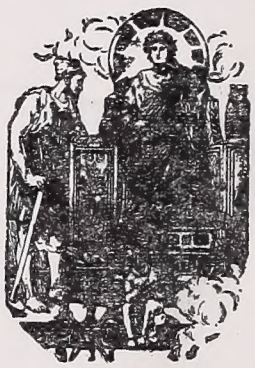
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Erratum

Previous Edition

In the "Index of Patents," vol. 1960, page 267, second column, line 2, under the heading "Federal-Mogul-Bower Bearings, Inc.: See—" for "Christensen, Paul M. 2,934,623." read *Christensen, Dan A. 2,926,025.*; same page 267, second column, line 5, under the heading "Federal-Mogul-Bower Bearings, Inc.: See—" strike out "Martin, Paul S. 2,923,795." and insert the same between lines 15 and 16, under the heading "Federal Pacific Electric Co.: See—"; same page 267, second column, line 7, under the heading "Federal-Mogul-Bower Bearings, Inc.: See—" strike out "Norden, Alexander R. 2,923,788." and insert the same between lines 16 and 17, under the heading "Federal Pacific Electric Co.: See".

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Adam, Karl, W. Arend, R. Frick, and H. Haas, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Purification of aliphatic dinitriles. 3,177,242, 4–6–65, Cl. 260—465.8.

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Beggs, Harold L. 3,221,711.

Aldag, Howard W., to The Bendix Corp. Electrostatic charging. 3,182,239, 5–4–65, Cl. 317—262.

Alday, John R.: *See*—
Seeley, Elwin W., and Alday. 3,205,460.

Aldeborgh, David H., to Standard Gage Co., Inc. Dial depth gage. 3,195,237, 7–20–65, Cl. 33—172.

Aldeborgh, David H., to Standard Gage Co., Inc. Adjustable setting master for dial depth gages. 3,197,877, 8–3–65, Cl. 33—169.

Alden, Alex E.: *See*—
Bragg, Herbert E., Whitmore, Alden, and Leslie. 3,199,404.

Alden, Elijah A. Combined live bait trap and pail. 3,203,134, 8–31–65, Cl. 43—100.

Alden, Richard J.: *See*—
Pall, David B., Forman, and Alden. 3,187,895.

Alden Self-Transit System Corp.: *See*—
Gilvar, Martin, and Alden. 3,225,704.

Alden, William L.: *See*—
Gilvar, Martin, and Alden. 3,225,704.

Alder, Hubert: *See*—
Winter, Stanley, and Alder. 3,225,377.

Alder, Jakob, and L. Reinhard, to Albiswerk Zurich A.G. Directional radar-antenna drive with selective coupling permitting either conical or oscillatory scan. 3,225,611, 12–28–65, Cl. 74—86.

Alder, James E.: *See*—
Salem, William F., Jr., and Alder. 3,177,870.

Alder, James E., and G. L. Beall, to Abbott Laboratories. Parenteral fluid container and port structure. 3,205,889, 9–14–65, Cl. 128—272.

Alder, Robert L., and P. J. Arnerich, to Varney Engineering Corp. Drift indicator. 3,176,407, 4–6–65, Cl. 33—205.

Alderfer, Sterling W. Production of foamed plastic materials. 3,223,568, 12–14–65, Cl. 156—255.

Alderman, Alfred, S. M. Gonek, and H. Rowlinson, to The English Electric Co. Ltd. Multi-break gas blast circuit breaker and operating means therefor. 3,167,630, 1–26–65, Cl. 200—145.

Aldersley, Kenneth: *See*—
Davey, Norman, and Aldersley. 3,225,398.

Alderson, Edgar D., to General Electric Co. Vectorable thrust mechanism. 3,174,709, 3–23–65, Cl. 244—23.

Alderson, Geoffrey W.: *See*—
Hambling, James K., and Alderson. 3,207,812.
Yeo, Alan A., Hambling, and Alderson. 3,190,937.

Alderson, Harold D. Safety light. 3,191,018, 6–22–65, Cl. 240—8.2.

Alderson, Richard L. Multiple-loudspeaker system. 3,165,587, 1–12–65, Cl. 179—1.

Aldhart, Otto T., and H. R. Knapp, to United States of America, Army. Reserve type electrochemical battery. 3,202,548, 8–24–65, Cl. 136—90.

Aldikacti, Hulki: *See*—
Miller, Carl J., Timpner, and Aldikacti. 3,167,149.
Aldinger, Stanley M. Apparatus and method for feeding livestock. 3,180,321, 4–27–65, Cl. 119—51.
Aldington, Elmer T., to American Can Co. Method of making a reinforced container closure. 3,207,830, 9–21–65, Cl. 264—242.
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Titus, Leslie, and Aldous. 3,175,889.
Aldredge, Howard D. and R. L., to Container Service Co., Inc. Material handling device. 3,217,913, 11–16–65, Cl. 214—302.
Aldredge, Robert L.: *See*—
Aldredge, Howard D. and R. L. 3,217,913.
Aldrich Chemical Co., Inc.: *See*—
Biel, John H. 3,221,017.
Biel, John H., and Hopps. 3,221,018.
Biel, John H., and Hopps. 3,221,019.
Aldrich, Edward L., to D. F. Demarest. Broom bristle segregating machine. 3,167,355, 1–26–65, Cl. 300—18.
Aldrich, Frank L., V. R. Usdn, and B. M. Vasta, to Melpar, Inc. Method of preparing immobilized serum cholinesterase and product thereof. 3,223,593, 12 14–65, Cl. 195—63.
Aldrich, Joseph J.: *See*—
Cooper, James, Jr., and Aldrich. 3,192,011.
Aldrich, Paul H., and H. I. Enos, Jr., to Hercules Powder Co. Emulsion size consisting of a terpene resin and a reaction product of a terpine resin and use for sizing paper. 3,193,449, 7–6–65, Cl. 162—180.
Aldridge, Bruce E., and J. B. Newman, Jr., to International Business Machines Corp. Amplitude discriminator. 3,174,-061, 3–16–65, Cl. 307—88.5.
Aldridge, Clarence F., and J. B. Federico, to Taylor Instrument Co's. Tendency indicators for use in barometers and other instruments. 3,204,600, 9–7–65, Cl. 116—129.
Aldridge, Clyde L.: *See*—
Zachry, James B., and Aldridge. 3,176,038.
Aldridge, Clyde L., and J. B. Zachry, to Esso Research and Engineering Co. Synthesis of caprolactone. 3,189,619,
Aldropp, Art. Boom-type camper coach loader and unloader. 3,217,914, 11–16–65, Cl. 214—516.
Aleck, Benjamin J., to Arde-Portland, Inc. Method of forming a high tensile strength pressure vessel. 3,197,851, 8–3–65, Cl. 29—421.
Alegre, Antonio A. Process for making and finishing artificial hides of leathers. 3,185,582, 5–25–65, Cl. 117—11.
Aleixo, Antonio N., and N. C. Ganoudis, to E. I. du Pont de Nemours and Co. Elastic fabric and process for preparing same. 3,169,558, 2–16–65, Cl. 139—421.
Aleksander, Igor: *See*—
Scarr, Robert W. A., Aleksander, and Hunt. 3,181,005.
Alenius, Nils R. Apparatus for continuous pressing. 3,202,-090, 8–24–65, Cl. 100—224.
Aler, Mary E., and R. M. Todd, to The Drackett Co. Novel coating composition. 3,183,110, 5–11–65, Cl. 106—287.
Aler, Richard P., to A.G.S. Development & Sales Corp. Wheel traction aid device. 3,198,233, 8–3–65, Cl. 152—218.
Alesbury, George, to Vickers-Armstrongs (Aircraft) Ltd. Aircraft undercarriages. 3,171,619, 3–2–65, Cl. 244—102.
Aleson, Robert N.: *See*—
Bridges, Roy G., Aleson, Hutchings, Whited, and Dyrness. 3,224,040.
Bridges, Roy G., Aleson, Hutchings, Whited, and Dyrness. 3 225,126.
Alex Mfg. Corp.: *See*—
Feibush, Alexander. 3,191,614.
Alexander, Arthur H. Segment type locating pin. 3,196,549, 7–27–65, Cl. 33—174.
Alexander, Ben, and G. A. Deschamps, to International Telephone and Telegraph Corp. Velocity and position computer. 3,194,948, 7–13–65, Cl. 235—151.
Alexander, Bruce T.: *See*—
Pedigo, Chester L., and Alexander. 3,213,040.
Alexander, Charles F., Jr., to Kiekhaefer Corp. Watercoolant supply means for an outboard propulsion unit. 3,164,121, 1–5–65, Cl. 115—17.
Alexander, Clair B., Jr., and G. S. Mahan, to International Basic Economy Corp. Mechanical positioning device. 3,169,619, 2–16–65, Cl. 192—143.
Alexander, Claude C., to The West Co. Container closure. 3,199,703, 8–10–65, Cl. 215—42.
Alexander, David O., 25% to S. B. Wiczer. Pressurized membrane container. 3,193,853, 7–13–65, Cl. 9—8.
Alexander, Donald C., and H. L. Pibus, to International Telephone and Telegraph Corp. Insulated electrical cable. 3,176,065, 3–30–65, Cl. 174—120.
Alexander, Donald F.: *See*—
Billings, Charles K., Alexander, and Harrold. 3,214,665.
Alexander, Donald F., to General Motors Corp. Overenergization control apparatus for a cooking unit. 3,211,894, 10–12–65, Cl. 219—495.
Alexander, Donald F., to General Motors Corp. Electric heating hot plate. 3,219,800, 11–23–65, Cl. 219—446.
Alexander, Ezra M.: *See*—
Searight, Charles E., and Alexander. 3,198,641.
Alexander, Ezra M., and D. Labino, to Cataphote Corp. High index glass composition. 3,193,401, 7–6–65, Cl. 106—54.
Alexander, Ford I. Control of well pipe rotation and advancement. 3,191,683, 6–29–65, Cl. 166—178.
Alexander, Fred L.: *See*—
Powers, Robert A., Thomas, and Alexander. 3,223,639.
Alexander, Guy B., R. K. Iler, and S. F. West, to E. I du Pont de Nemours and Co. Composition containing a dispersion-hardening phase and a precipitation-hardening phase and process for producing the same. 3,180,727, 4–27–65, Cl. 75—134.
Alexander, Guy B., S. F. West, and P. C. Yates, to E. I. du Pont de Nemours and Co. Powder metal compositions containing dispersed refractory oxide. 3,218,155, 11–16–65, Cl. 29—182.5.
Alexander, Jack P., to The Samuel R. Noble Foundation Inc. Soil sampler. 3,224,512, 12–21–65, Cl. 173—19.
Alexander, James H., G. Barbieri, and J. Diz, to International Business Machines Corp. Radar display system. 3,212,-088, 10–12–65, Cl. 343—16.
Alexander, James R.: *See*—
Apley, Martin, and Alexander. 3,164,556.
Redfarn, Cyril A., Apley, and Alexander. 3,194,787.
Alexander, John D.: *See*—
Martin, William L., Alexander, and Dew. 3,219,110.
Alexander, John D., J. N. Dew, and W. L. Martin, to Continental Oil Co. Low temperature in-situ combustion. 3,209,825, 10–5–65, Cl. 166—11.
Alexander, John J., to Standard Oil Co. Petroleum wax polyvinylstearate compositions. 3,183,199, 5–11–65, Cl. 260—28.5.
Alexander, John O., J. Hargreaves, and S. C. Brown, to Wickman Wimet Ltd. Tool holders for use with detachable inserts. 3,173,191, 3–16–65, Cl. 29—96.
Alexander, L. Bruce, and R. A. Andrews, to Brown Citrus Machinery Corp. Apparatus for extracting juice from citrus fruit. 3,218,962, 11–23–65, Cl. 100—117.
Alexander, Laurence R., to Leesona Corp. Infrared radiation detector cell utilizing ionized gas. 3,185,848, 5–25–65, Cl. 250—83.6.
Alexander, Laurence R., and S. Wallace, to Leesona Corp. Infrared vapor monitoring system with means to control the infrared emission from the source. 3,201,587, 8–17–65, Cl. 250—43.5.
Alexander, Paul D.: *See*—
Ahlgren, Myron, and Alexander. 3,175,338.
Alexander, Raymond: *See*—
Stites, Francis H., and Alexander. 3,225,177.
Alexander, Richard B., to National Tile & Mfg. Co. Apparatus for making ceramtic bodies and ceramic composition for use therewith. 3,183,573, 5–18–65, Cl. 25—142.
Alexander, Robert H., to Buckeye Tools Corp. Apparatus for controlling tightness of fasteners. 3,195,702, 7–20–65, Cl. 192—96.
Alexander, Roy P.: *See*—
Ager, John W., Jr., Alexander, and Heying. 3,167,584.
Alexander, Sidney: *See*—
Wyatt, Samuel B., Alexander, and Masi. 3,197,636.
Alexander, Warren A., to Esso Production Research Co. Filtering system. 3,204,248, 8–31–65, Cl. 346—108.
Alexander, Warren A., and R. N. Hart, to Esso Production Research Co. Seismic method of earth exploration. 3,208,-549, 9–28–65, Cl. 181—.5.
Alexander, Warren A., and J. T. Baker, to Esso Production Research Co. Light guide system for seismic corrections. 3,215,031, 11–2–65, Cl. 88—1.
Alexander, Warren A., and E. R. McCarter, to Esso Production Research Co. Electronic circuit for arithmetic operations. 3,215,824, 11–2–65, Cl. 235—193.
Alexander, William J. Collapsible hand truck. 3,177,000, 4–6–65, Cl. 280—36.
Alexander, William O. Pressure injector. 3,225,554, 12–28–65, Cl. 62—77.
Alexandrescu, Alexander M. Hydraulic coupling. 3,167,917, 2–2–65, Cl. 60—54.
Alexandrescu, Alexander M. Fluid coupling. 3,167,918, 2–2–65, Cl. 60—54.
Alexandrou, George A. Opening means for envelopes. 3,194,-483, 7–13–65, Cl. 229—86.
Alexeff, Alexander V., to Industrial Ovens, Inc. Heating means for strip material. 3,166,304, 1–19–65, Cl. 263—3.
Alexeff, Alexander V., and H. R. Richards, to Industrial Ovens, Inc. Strip accumulator means. 3,219,289, 11–23–65, Cl. 242—55.01.
Alexeff, Igor. Measurement of ultra high vacua by electron bombardment and vacuum ultra violet radiation measurement. 3,174,036, 3–16–65, Cl. 250—43.5.
Alexeff, Igor, and R. Neidigh, to United States of America, Atomic Energy Commission. Production of completely ionized plasma. 3,222,559, 12–7–65, Cl. 313—61.
Alexiou, Christos G. Flashlight for continuity check with self contained battery charger accessory. 3,176,220. 3–30–65, Cl. 324—53.
Alf, Fritz, to Deutsche Edelstahlwerke Aktiengesellschaft, and Allgemeine Elektricitats-Gesellschaft. Method of and apparatus for electromagnetically deforming metal. 3,210,509, 10–5–65, Cl. 219—7.5.
Alfano, Michael P. Ladder having removable rungs. 3,190,-393, 6–22–65, Cl. 182—194.
Alff, William C.: *See*—
Emery, Robert B., Alff, Bailey, and Mason. 3,212,824.
Alfieri, Giuseppe, to Fabbrica Italiana Magneti Marelli S.p.A. System and related apparatus for the cooling plant of internal combustion engines. 3,171,392, 3–2–65, Cl. 123—41.01.
Alfieri, Giuseppe, to Fabbrica Italiana Magneti Marelli S.p.A. Twin section hydraulic control either in tandem or in parallel for single or multi section compressed air. 3,181,298, 5–4–65, Cl. 60—54.5.

Alfieri, Giuseppe, to Fabbrica Italiana Magneti Marelli S.p.A. Device for proportionating the pneumatic braking of motor vehicles to the load transported by the vehicle. 3,186,771, 6–1–65, Cl. 303—22.

Alfieri, Giuseppe, to Fabbrica Italiana Magneti Marelli S.p.A. Cleaning device for piston port means in a pressure regulator. 3,203,320, 8–31–65, Cl. 92—87.

Alfieri, Giuseppe, to Fabbrica Italiana Magnetti Marelli S.p.A. Supply and exhaust valve with piston type inlet. 3,203,449, 8–31–65, Cl. 137—627.5.

Alfieri, Giuseppe, to Fabbrica Italiana Magneti Marelli S.p.A. Braking arrangement with a pair of subsequently operated brake initiating means. 3,205,021, 9–7–65, Cl. 303—53.

Alfieri, Giuseppe, to Fabbrica Italiana Magneti Marelli S.p.A. Device for selectively deactivating a tractor pneumatic suspension. 3,214,188, 10–26–65, Cl. 280—124.

Alfieri, Giuseppe, to Fabbrica Italiana Magneti Marelli S.p.A. Brake pedal with pressure opposing regulator. 3,216,771, 11–9–65, Cl. 303—56.

Alfieri, Giuseppe, to Fabbrica Italiana Magneti Marelli S.p.A. Three-way servo deviator for pressurized fluid systems and more specifically for pneumatic braking systems. 3,224,455, 12–21–65, Cl. 137—113.

Alfieri, Giuseppe, and R. Moriondo, to Fabbrica Italiana Magneti Marelli S.p.A. Multiple control valve having its individual valves set for opening at different predetermined pressures. 3,179,474, 4–20–65, Cl. 303—52.

Alfieri, Giuseppe, and R. Moriondo, to Fabbrica Italiana Magneti Marelli S.p.A. Automatic friction clutch control of motor vehicles. 3,204,730, 9–7–65, Cl. 192—108.

Alfieri, Giuseppe, and R. Moriondo, to Fabbrica Italiana Magneti Marelli S.p.A. Device for controlling the actuation of levellers for a pneumatic vehicle suspension. 3,204,972, 9–7–65, Cl. 280—6.1.

Alfieri, Giuseppe, and R. Moriondo, to Fabbrica Italiana Magneti Marelli S.p.A. Servo autodistributor for trailer vehicles equipped with pneumatic brake system. 3,210,132, 10–5–65, Cl. 303—40.

Alfieri, Giuseppe, and R. Moriondo, to Fabbrica Italiana Magneti Marelli S.p.A. Servo-control for fluid pressure braking apparatus of motor vehicles with trailer. 3,216,770, 11–9–65, Cl. 303—6.

Alfille, Lucen, J. Ropers, and C. Gewiss, to Commissariat a l'Energie Atomique. Guide tubes for nuclear reactors. 3,197,379, 7–27–65, Cl. 176—43.

Alford, Andrew. Pulse stretcher utilizing delay furnishing polarity inverting means and means for combining input pulse with same delayed and inverted. 3,184,684, 5–18–65, Cl. 328—58.

Alford, Andrew. Selective transmission of wave energy. 3,208,067, 9–21–65, Cl. 343—100.

Alford, Andrew. Impedance matching balun having quarter wave length conductors. 3,217,274, 11–9–65, Cl. 333—26.

Alford, Bryan C., to The De Havilland Aircraft of Canada, Ltd. Charging valve for oleo pneumatic aircraft landing struts. 3,183,931, 5–18–65, Cl. 137—612.1.

Alford, Carl C., and E. O. Bear. Telephone number set-up device. 3,201,882, 8–24–65, Cl. 40—96.

Alford, Harvey E., and F. Veatch, to The Standard Oil Co. Glass sphere filled plastering compositions. 3,183,107, 5–11–65, Cl. 106—110.

Alford, Maitland W.: *See*—
Mann, Ralph J., Alford, and Krzesinski. 3,167,385.

Alford, Muriel M. Controllably openable and closable holder for a disposable liquid container. 3,203,598, 8–31–65, Cl. 222—183.

Alfred Electronics: *See*—
Kruse, Frederick W., Jr. 3,212,015.
Wambsganss, Bernard A. 3,221,275.

Alfred, Marc, and A. Marcelin, to Commissariat a l'Energie Atomique. Apparatus for studying wear on materials in a hermetic enclosure. 3,221,534, 12–7–65, Cl. 73—7.

Alfredeen, Sven J., to Aktiebolaget Superior. Magnetizable conveyor. 3,165,196, 1–12–65, Cl. 198—41.

Alfredsson, Sven H., to Nitroglycerin Aktiebolaget. Device for filling bore-holes formed in rock formation with particulate explosive. 3,170,366, 2–23–65, Cl. 86—20.

Algatt, George E., and W. G. Otto, to Western Electric Co. Inc. Apparatus for testing lamps. 3,178,637, 4–13–65, Cl. 324—20.

Algatt, George E., and W. G. Otto, to Western Electric Co. Inc. Apparatus for finishing lamps. 3,192,006, 6–29–65, Cl. 316—27.

Algemene Kunstzijde Unie N.V.: *See*—
De Ruyter, Paulus H., and Winia. 3,204,015.
Slijkhuis, Herman. 3,211,395.
Van Lohuizen, Otto E., and De Vries. 3,183,213.
Visman, Hendrik S., and Kluin. 3,204,277.

Alger, Jerry T., to White-Rodgers Co. Gas burner and flame deflector. 3,196,927, 7–27–65, Cl. 158—113.

Alger, John R. M., and C. V. Hays, to General Electric Co. Clothes washing machines and apparatus. 3,216,226, 11–9–65, Cl. 68—23.

Alger, John R. M., and C. V. Hays, to General Electric Co. Clothes washing machines. 3,216,227, 11–9–65, Cl. 68—23.

Alger, Philip L., and R. L. Wall, to General Electric Co. Stator air duct design. 3,171,996, 3–2–65, Cl. 310—51.

Alger, Robert P., to Schlumberger Well Surveying Corp. Method of investigating earth formations utilizing resistivity and porosity indications. 3,180,141, 4–27–65, Cl. 73—152.

Alginate Industries Ltd.: *See*—
McDowell, Richard H. 3,180,097.

Algino, Joseph M.: *See*—
Couffer, Robert W., Jr., and Algino. 3,216,325.
Erickson, Howard L., Algino, and Couffer. 3,207,435.

Algonquin Corp., The: *See*—
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Algonquin Shipping and Trading Ltd.: *See*—
Campbell, George T. R., and Laskey. 3,182,669.
Campbell, George T. R., and Laskey. 3,209,715.
Campbell, George T. R., and Laskey. 3,209,717.
Campbell, George T. R., and Laskey. 3,209,720.

Alguire, Alma P.: *See*—
Alguire, Ivan M. 3,188,061.

Alguire, Ivan M., deceased; A. P. and J. I. Alguire, executors. Evaporative cooler. 3,188,061, 6–8–65, Cl. 261—24.

Alguire, Jackton I.: *See*—
Alguire, Ivan M. 3,188,061.

Alholm, Wayne I., to W. R. Grace & Co. Container closure lining machine. 3,220,381, 11–30–65, Cl. 118—318.

Alibrandi, Joseph A., A. M. Campbell, and J. A. Maynard, to Honeywell Inc. Control apparatus. 3,224,245, 12–21–65, Cl. 73—1.

Aliff, Thomas P. Foot manipulable die. 3,176,990, 4–6–65, Cl. 273—106.

Alimanestianu, Mihai and S., to Speed-Park, Inc. Vehicle parking system. 3,180,500, 4–27–65, Cl. 214—16.1.

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Alimanestianu, Mihai and S. 3,180,500.

Alina, Walter P.: *See*—
Straight, Ronald A., and Alina. 3,188,251.

Alinari, Carlo. Apparatus for speech communication between divers. 3,172,076, 3–2–65, Cl. 340—4.

Alinari, Carlo. Depth meter for diving purposes. 3,203,244, 8–31–65, Cl. 73—300.

Alinat, Jean: *See*—
Cousteau, Jacques Y., Gagnan, and Alinat. 3,169,500.

Alis, Roy: *See*—
Pellen, Josef, and Alis. 3,181,380.

Alisauskis, Edward M.: *See*—
Dziedzic, Harry R., and Alisauskis. 3,185,494.

Alisauskis, Edward M., to Scully-Anthony Corp. Automatic draw bar mechanism for machine tool spindle. 3,177,775, 4–13–65, Cl. 90—11.

Alissandratos, Tacko D., to Albeni Corp. Refuse can holder and support therefor. 3,173,547, 3–16–65, Cl. 211—71.

Alix, Arthur J., to Riley Stoker Corp. Steam generating unit. 3,182,639, 5–11–65, Cl. 122—478.

Alkar Engineering Corp.: *See*—
Rasmussen, Harvey J. and H. R., Fisher and Moskal. 3,199,436.
Rasmussen, Harvey R. and H. J., Fisher, and Moskal. 3,201,264.

Alkon Products Corp.: *See*—
Aslan, Wilfred. 3,168,014.

All Products Co.: *See*—
Dunlavy, John H., Jr. 3,179,211.

Allais, Andre: *See*—
Muller, Georges, Allais, and Bardoneschi. 3,218,325.

Allais, André, and P. Girault, to Roussel-UCLAF, S.A. Substituted phenylamino 4 quinolines. 3,174,972, 3–23–65, Cl. 260—287.

Allais, Andre, and J. Meier, to Roussel-UCLAF. Process of preparation of β-alkylated tryptamines. 3,205,236, 9–7–65, Cl. 260—319.

Allais, Andre, and M. Paturet, to Roussel-UCLAF S.A. 3-aminoalkoxy substituted aromatic steroids, their process of preparation and their use. 3,212,971, 10–19–65, Cl. 167—65.

Allam, Ivor W.: *See*—
MacHutchin, John G., Cowan, Allam, and Byler. 3,224,978.

All American Engineering Co.: *See*—
Caufman, Robert L. 3,167,302.
Cotton, Robert B. 3,167,277.
Cotton, Robert B. 3,167,303.
Daniels, Charles J., and Doolittle. 3,172,504.
Doolittle, Donald B. 3,172,625.
Doolittle, Donald B., and Parker. 3,165,298.
Haber, Robert J. 3,168,939.
Haber, Robert J., Mayhew, Wardle, and Schlegel. 3,172,626.

Allan, Earl E.: *See*—
Kettering, James H., and Alylan. 3,205,980.

Allan-Jervis Marine, Inc.: *See*—
Chion, Christ. 3,193,228.

Allan Marine, Inc.: *See*—
Chion, Christ. 3,190,594.

Allan, Morris, to Aaronson Bros. Ltd. Methods of producing sheets of wood veneer and the sheets of wood veneer so produced. 3,216,468, 11–9–65, Cl. 144—316.

Allander, Claes, to Svenska Flaktfabriken, Aktiebolaget. Method of uniformly moistening paper and like hygroscopic web material. 3,191,312, 6–29–65, Cl. 34—13.

Allander, Claes, and S. Wallin, to Svenska Flaktfabriken, Aktiebolaget. Apparatus for controlling the drying and evaporation intensity of paper machine cylinders. 3,196,-556, 7–27–65, Cl. 34—122.

Allard, Gordon H., to Sta-Rite Products, Inc. Automatic release mechanism for milking apparatus. 3,185,132, 5–25–65, Cl. 119—14.08.

Allard, Ingrid J. C.: *See*—
Karlstrom, Karl A. S., Ostberg, and Allard. 3,199,360.
Allard, Pierre J.-M. T. Loading mechanism. 3,173,559, 3–16–65, Cl. 214—91.
Allardt, Ernst W., H. B. Grunau, and D. E. Yoho, to The Babcock & Wilcox Co. Resistance welder. 3,187,153, 6–1–65, Cl. 219—65.
Allbau Entwicklungs G.m.b.H. u. Co.: *See*—
Rosanowski, Oswald J., and Hanigck. 3,213,969.
Alldis, Harold H. Multiple hole punch. 3,164,050, 1–5–65, Cl. 83—387.
Allegheny Ludlum Steel Corp.: *See*—
Conner, Jesse R., Jr. 3,208,874.
Davidson, Alfred B. 3,197,153.
Esler, George M. 3,179,395.
Ferree, Joseph A., Jr. 3,175,902.
Harkins, Thomas R., and Zaremski. 3,201,210.
Kilian, Thaddeus F. 3,187,159.
Laine, Edward A. 3,192,834.
Murtland, James B., Jr., Rebhun, and Jackson. 3,186,043.
Murtland, James B., Jr., Rebhun, and Jackson. 3,187,-077.
Murtland, James B., Jr., Rebhun, and Jackson. 3,187,-078.
Rebhun, Charles F. 3,186,510.
Renshaw, William G., and Lincoln. 3,201,211.
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Allegretti, John E., and J. Lago, to Merck & Co., Inc. Process of flushing unwanted residue from a vapor deposition system in which silicon is being deposited. 3,168,422, 2–2–65, Cl. 148—175.
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Allegretti, John E., H. Gutsche, and W. J. McAleer, to Merck & Co., Inc. Monocrystalline elongate polyhedral semiconductor material. 3,226,269, 12–28–65, Cl. 148—33.5.
Allegretti, Pier L. Boats with two or more hulls. 3,221,697, 12–7–65, Cl. 114—66.5.
Allegrini, Aldo P., and T. A. Cecil, to Minerals & Chemicals Phillip Corp. Method of treating attapulgite clay to produce a low bulk density product. 3,174,826, 3–23–65, Cl. 23—110.
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Alleman, Ronald D. Animation device. 3,197,901, 8–3–65, Cl. 40—78.
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Allen, David F., to Mace, Rainbow and Stone Ltd. Rotatable workholder in combination with a travelling sewing machine. 3,180,292, 4–27–65, Cl. 112—2.
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Allen, Derek R., to Allen Medical Instrument Corp. Stethoscope with convertible receiver. 3,223,195, 12–14–65, Cl. 181—24.
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Allen, Herbert, to Cameron Iron Works, Inc. Device for diverting a pipeline separator or like object. 3,186,014, 6–1–65, Cl. 15—3.51.

Allen, Herbert, to Cameron Iron Works, Inc. Check valve having movably mounted head and seat. 3,191,619, 6–29–65, Cl. 137—527.4.

Allen, Herbert, to Cameron Iron Works, Inc. Valve and method of installing same. 3,192,613, 7–6–65, Cl. 29—157.1.

Allen, Herbert, to Cameron Iron Works, Inc. Blowout preventer. 3,215,393, 11–2–65, Cl. 251—1.

Allen, Herbert, to Cameron Iron Works, Inc. Pipeline separator launching device. 3,220,432, 11–30–65, Cl. 137—268.

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Allen, Orris J., to Sulton Products, Inc. Camper jack. 3,198,486, 8–3–65, Cl. 254—45.

Allen, Perry E. Hinged gasoline cap. 3,165,224, 1–12–65, Cl. 220—30.5.

Allen, Philip J. Electrical frequency shifter utilizing Faraday phase shifter and dual mode coupler with rotatable reflection dipole. 3,166,724, 1–19–65, Cl. 333—24.1.

Allen, Raymond. Combination bookcase-desk. 3,172,712, 3–9–65, Cl. 312—197.

Allen, Richard C., to Continental Can Co., Inc. Snap ring closure seal for plastic containers. 3,223,278, 12–14–65, Cl. 220—60.

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Allen, Robert L., to Georgia Tech Research Institute. Apparatus for controlling the air taken into the combustion chambers of a spark ignition internal combustion engine. 3,203,409, 8–31–65, Cl. 123—75.

Allen, Robert T. Vertical coin counting tube. 3,194,393, 7–13–65, Cl. 206—.83.

Allen, Sanford R., and K. R. Foote, to United States of America, Navy. "Wheels-up" flare warning system. 3,181,822, 5–4–65, Cl. 244—114.

Allen, Scott E., to The Huffman Mfg. Co. Draining device for oil cans. 3,192,970, 7–6–65, Cl. 141—106.

Allen, Stanley E., Jr., R. S. Symons, and T. J. Connor, to Varian Associates. Klystrom amplifier having improved cavity resonator apparatus. 3,178,605, 4–13–65, Cl. 315—5.46.

Allen, Sterling G., and R. E. Reimund. Apparatus for the placing of thin wall well screen pipe or tubing horizontally into a subterranean formation. 3,177,955, 4–13–65, Cl. 175—21.

Allen, Theodore L., Jr., to Varian Associates. Charged particle flow control apparatus. 3,210,669, 10–5–65, Cl. 328—232.

Allen, Thomas C., and H. J. Watson, to Dan River Mills, Inc. Silicate esters of essential alcohols. 3,215,719, 11–2–65, Cl. 260—448.8.

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Allen, William W., and E. R. Larson, to Radio Corp. of America. Method of brazing a plurality of leads to apertures in a ceramic wafer. 3,180,020, 4–27–65, Cl. 29—471.1.

Allenbaugh, George G., Jr., to Akron Brass Co. Self locking valve. 3,198,477, 8–3–65, Cl. 251—77.

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Allender, Richard E., to American Air Filter Co., Inc. Quadrant baffle for heat exchange header. 3,173,482, 3–16–65, Cl. 165—174.

Aller, Claes B., deceased (by E. Aller, legatee), to Carl Allers Etablissement A/S. Ductor roller for use in distribution roller system for liquid and semi-liquid substances. Re. 25,881, 10–12–65, Cl. 101—350.

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Allerton, George L., and J. R. Seifert, to Western Electric Co., Inc. Method and apparatus for measuring semiconductor volume resistivity by transmission loss in a resonant cavity. 3,211,999, 10–12–65, Cl. 324—62.
Allerton, George L., J. R. Seifert, and L. T. Stark, to Western Electric Co., Inc. Methods of determining semiconductor thickness and resistivity by loss in a transmission line. 3,212,000, 10–12–65, Cl. 324—62.
Alles, Francis P., to E. I. du Pont de Nemours and Co. Film and process for making same. 3,165,499, 1–12–65, Cl. 260—75.
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Alley, Bernard J., and H. W. H. Dykes, to United States of America, Army. Volumetric determination of perchlorates in polysulfide propellants. 3,207,584, 9–21–65, Cl. 23—230.
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Alley, Raymond C. E., to D. T. R. Development Co. Ltd. Data recording apparatus. 3,217,983, 11–16–65, Cl. 234—36.
Allgaier, Erwin, and K. Ritter, to Kopat Gesellschaft fur Konstruktion Entwicklung und Patentverwertung m.b.H. & Co. KG. Slide control, particularly for the adjustment of swinging bodies of axial piston pumps and/or motors. 3,175,365, 3–30–65, Cl. 60—53.
Allgaier, Erwin, and K. Ritter, to Kopat Gesellschaft fur Konstruktion, Entwicklung und Patentverwertung m.b.H., & Co. KG. Hydraulic control means for a lifting device of agricultural tractors. 3,190,362, 6–22–65, Cl. 172—4.
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Alpert, Abraham. Display rack. 3,207,098, 9–21–65, Cl. 108—111.
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Alsaker, Elwood C., and S. R. Pappas. Magnetically controlled racing game with means for indicating the winner. 3,195,894, 7–20–65, Cl. 273—134.
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Alt, Ernst, B. Buchner, G. Reges, and A. Rorak, to Auto Union G.m.b.H. Metering device for two-cycle internal combustion engines. 3,180,329, 4–27–65, Cl. 123—119.
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Alvarez-Calderon, Alberto. Retractable landing gear system. 3,173,633, 3–16–65, Cl. 244—102.
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Scanley, Clyde S., and Siegele. 3,172,854.
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American Electric Mfg. Corp.: *See*—
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American Electronic Laboratories, Inc.: *See*—
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American Electronics, Inc.: *See*—
Hohmann, Albert F. 3,178,175.
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Riebman, Leon, and Haimowitz. 3,182,266.
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American Encaustic Tiling Co., Inc.: *See*—
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Watson, Wayne C. 3,172,525.

American Enka Corp.: *See*—
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Bosman, Jan. 3,177,886.
Busch, Max, and Hey. 3,222,893.
Corbin, Thomas F., Jr., and Ownbey. 3,206,430.
De la Bretoniere, Andre B. 3,200,230.
Gonsalves, Conrad J. 3,167,847.
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Kessler, Jacob C. F. 3,224,987.
Kloppers, Heimen. 3,188,239.
Noordenbos, Pieter K. 3,224,695.
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Schippers, Karl H., and Sluijters. 3,206,170.
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Tiemersma, Heine G. N. 3,199,145.
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Van Assendelft, Leendert. 3,205,699.
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American Envelope Co.: *See*—
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American Excelsior Corp.: *See*—
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American Factors Associates, Ltd.: *See*—
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American Family Scale Co., Inc.: *See*—
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Hencken, Harold G. 3,164,855.
Hencken, Harold G. 3,165,471.
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American Filtrona Corp.: *See*—
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American Fixture, Inc.: *See*—
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American Flange & Mfg. Co., Inc.: *See*—
Dearing, Clarence W. 3,216,632.
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McQuown, Francis G. 3,176,715.

American Gage & Machine Co.: *See*—
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Williams, Stanley J., Krueger, and Peters. 3,210,653.

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Grant, Norman H., and Alburn. 3,196,168.
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Amthor, Helmut K., and P. B. Doll, to Union Carbide Corp. Method of and apparatus for impact molding galvanic cell cathodes. 3,198,862, 8–3–65, Cl. 264—161.
Amtmann, Rudolf, to August Seuthe Maschinenfabrik. Method and apparatus for descaling strip material, especially strip iron. 3,209,429, 10–5–65, Cl. 29—81.
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Anaconda Aluminum Co.: *See*—
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Lunsford, Abner L. 3,222,898.
Neal, Harry B. 3,212,225.
Scharre, Edward W. 3,185,578.
Smith, Addison R., II. 3,223,896.

Anaconda American Brass Co.: *See*—
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Anaconda Wire and Cable Co.: *See*—
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Davies, Howard W., and Jore. 3,200,191.
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Lowe, James. 3,187,382.
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Reynolds, Maurice V., and Perrone. 3,201,827.
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Walker, James J. 3,217,091.

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Anagnos, George. Screw conveyor. 3,220,539, 11–30–65, Cl. 198—213.

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Anania, James A., 33⅓ to F. C. Holle; 33⅓ to O. Sass; 2% to V. Flaherty, and 2% to D. M. Flaherty. Spacecraft reentry retarding means. 3,181,824, 5–4–65, Cl. 244—138.

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Tango Tomokichi, Kobayashi, Anayama, and Miyazawa. 3,214,681.
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Hart, Alexander W. 3,174,640.
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Ancrum, Robert W., and A. W. Evans, to British Titan Products Co. Ltd. Production of metallic halides. 3,203,881, 8–31–65, Cl. 204—61.

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Anderau, Walter, to Ciba Ltd. Photographic layers suitable for the silver dyestuff bleaching method. 3,203,799, 8–31–65, Cl. 96—53.

Anderau, Walter, to Ciba Ltd. Photographic layers. 3,211,556, 10–12–65, Cl. 96—99.

Anderau, Walter, E. J. Koller, and R. Mory, to Ciba Ltd. Photographic layers for the silver dyestuff bleaching process. 3,178,285, 4–13–65, Cl. 96—73.

Anderau, Walter, and R. Mory, to Ciba Ltd. Photographic layers suitable for the silver dyestuff bleaching process. 3,210,190, 10–5–65, Cl. 96—99.

Anderberg, Bo I., and S. H. Claesson, to Rockwool Aktiebolaget. Apparatus for curing sleeve-formed pipe-shells. 3,195,181, 7–20–65, Cl. 18—6.

Anderberg, Bo I., and S. H. Claesson, to Rockwool Aktiebolaget. Apparatus for use in producing wound shells or sleeves. 3,206,131, 9–14–65, Cl. 242—55.1.

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Field, Henry M., and Anderegg. 3,225,916.

Anderer, Joseph H., A. P. Da Vinci, and T. F. McHugh, to FMC Corp. Method of forming regenerated cellulose fibers. 3,225,125, 12–21–65, Cl. 264—50.

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Lorentzen, Hans K., Anderle, and Kapeller. 3,170,505.
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Lorentzen, Hans K., Neira, and Anderle. 3,169,006.

Anderle, Joseph A., to Levolor Lorentzen, Inc. Venetian blind arrangement. 3,192,991, 7–6–65, Cl. 160—167.

Anderlie, Leonard. Ice fishing hole heater. 3,170,458, 2–23–65, Cl. 126—271.3.

Anders, Archie, to James H. Rhodes & Co. Floor pad holder. 3,183,542, 5–18–65, Cl. 15—246.

Anders, Walter G., to Sperry Rand Corp. Mechanized cabinet type file. Re. 25,919, 11–30–65, Cl. 312—223.

Anders, Walter G., to Sperry Rand Corp. Conveyor assembly for conveyor driven equipment. 3,202,265, 8–24–65, Cl. 198—158.

Anders, Walter G., to Sperry Rand Corp. Shelf unit. 3,216,587, 11–9–65, Cl. 211—184.

Anders, Walter G., and B. W. Woodward, to Sperry Rand Corp. Photosensitive object detecting mechanism. 3,197,646, 7–27–65, Cl. 250—222.

Andersen, Anders, to A/SA. Andersens Staalvarefabrik. Resilient harrow tooth. 3,225,840, 12–28–65, Cl. 172—708.

Andersen, Andrew W. Holder for fish and fishing poles. 3,177,523, 4–13–65, Cl. 17—8.

Andersen, Arthur, Jr., to American Farm Equipment Co. Crop dryers. 3,181,740, 5–4–65, Cl. 222—503.

Andersen, Arthur O., to The Trane Co. Absorption refrigeration system. 3,178,904, 4–20–65, Cl. 62—483.

Andersen, Charles V., to Continental Capital Corp. ("Continental"), and Sierra Capital Co. ("Sierra"). Tape driving apparatus. 3,221,963, 12–7–65, Cl. 226—109.

Andersen, Clifford W., to The Wurlitzer Co. Piano action spoon. 3,167,993, 2–2–65, Cl. 84—240.

Andersen, Clifford W., to The Wurlitzer Co. Keyframe arrangement. 3,177,752, 4–13–65, Cl. 84—432.

Andersen, Clifford W., to The Wurlitzer Co. Sharp key cap. 3,187,619, 6–8–65, Cl. 84—437.

Andersen, Donald L., to General Mills, Inc. Method of rejuvenating oil and gas wells. 3,174,929, 3–23–65, Cl. 252—8.55.

Andersen, Edward C. Water ski reel apparatus. 3,178,127, 4–13–65, Cl. 242—86.5.

Andersen, Edward O., to General Electric Co. Method of manufacturing a thermally responsive switch. 3,224,075, 12–21–65, Cl. 29—155.5.

Andersen, Erik, to Danfoss ved ing. M. Clausen. Differential pressure and manually operated safety switch arrangement. 3,194,915, 7–13–65, Cl. 200—83.

Andersen, Erik, to Danfoss ved ing. M. Clausen. Protection system for a driving motor. 3,200,294, 8–10–65, Cl. 317—13.
Andersen, Gerald R., W. W. Harris, and K. C. Kernen, to General Motors Corp. Oscillating diaphragm pump. 3,205,829, 9–14–65, Cl. 103—150.
Andersen, H. W., Products, Inc.: *See*—
Andersen, Harold W. 3,189,031.
Andersen, Harold W. 3,207,133.
Andersen, Harold W., to H. W. Andersen Products, Inc. Gastrointestinal sump tube. 3,189,031, 6–15–65, Cl. 128—350.
Andersen, Harold W., to H. W. Andersen Products, Inc. Swimming pool heater. 3,207,133, 9–21–65, Cl. 122—250.
Andersen, Harry M., and W. K. Johnson, to Monsanto Co. Catalyst compositions comprising aluminum chloride. 3,225,022, 12–21–65, Cl. 260—94.9.
Andersen, Holger C., and P. L. Romeo, to Engelhard Industries, Inc. Process for the hydrogenolysis of light hydrocarbons. 3,180,902, 4–27–65, Cl. 260—676.
Andersen, James A. Hydraulic method of mining coal and the like. 3,203,736, 8–31–65, Cl. 299—17.
Andersen, James H., J. W. Amis, Jr., and M. D. Fuller, to Korry Mfg. Co. Self-locking push button switch operating device. 3,197,598, 7–27–65, Cl. 200—167.
Andersen, James H., and M. D. Fuller, to Korry Mfg. Co. Multiunit electric terminal and indicator panel assembly and components. 3,201,786, 8–17–65, Cl. 340—381.
Andersen, Johan M., to Duplicon Co., Inc. Nestable industrial cart. 3,224,787, 12–21–65, Cl. 280—33.99.
Andersen, John I. Pipe apparatus. 3,208,320, 9–28–65, Cl. 82—71.
Andersen, Kaj O. Harrow tooth. 3,200,892, 8–17–65, Cl. 172—713.
Andersen, Raymond C.: *See*—
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Andersen, Robert K., and G. E. Winslow; said Winslow assor. to said Andersen. Scoring apparatus for remotely scored games. 3,216,726, 11–9–65, Cl. 273—100.
Andersen, Roger K., and C. P. Roseman. Locking cylinder. 3,177,780, 4–13–65, Cl. 92—24.
Andersen, Stig. Ignition system for internal combustion engines. 3,189,009, 6–15–65, Cl. 123—41.
Andersen, Walter, to Chem-Met-Anderson Engineering Co. Serrated roller conveyor. 3,171,528, 3–2–65, Cl. 193—37.
Andersen, Walter, to Chem-Met-Anderson Engineering Co. Method of elimination of settle-blow in making bottles. 3,171,728, 3–2–65, Cl. 65—76.
Andersen, Walter, to Chem-Met-Anderson Engineering Co. Method of making a parison. 3,171,729, 3–2–65, Cl. 65—76.
Andersen, Walter, to Chem-Met-Anderson Engineering Co. Glass bottle parison machine. 3,171,732, 3–2–65, Cl. 65—229.
Anderson, Alan P., and J. W. Richards, to Ford Motor Co. Seat belt holder. 3,178,222, 4–13–65, Cl. 297—385.
Anderson, Alan P., and J. W. Richards, to Ford Motor Co. Seat belt positioners. 3,178,224, 4–13–65, Cl. 297—385.
Anderson, Albert E., and D. E. Newell, to Collins Radio Co. Plural circuits selectively gated to common branch by diode gates in which diodes are either highly or slightly back-biased. 3,167,730, 1–26–65, Cl. 334—15.
Anderson, Albert G., L. F. Perry, and G. L. Congdon, to The Meadowbrook Co. Multiple port rotary disc valve. 3,177,899, 4–13–65, Cl. 137—625.29.
Anderson, Albert & J. M., Mfg. Co.: *See*—
Cobbett, Leonard C. 3,183,335.
Winkler, Edward D. 3,218,599.
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Anderson, Alexander E., to The British Ship Research Association. Supercharger for an internal combustion engine. 3,208,213, 9–28–65, Cl. 60—13.
Anderson, Alfred J.: *See*—
Hardman, Kenneth V., and Anderson. 3,187,951.
Anderson, Alvin P., to Shell Oil Co. Lubricating oil process. 3,224,955, 12–21–65, Cl. 208—28.
Anderson, Andrew W., to Scandia Packaging Machinery Co. Collating machines. 3,216,173, 11–9–65, Cl. 53—60.
Anderson, Ardis L., and E. Wiik, to Continental Oil Co. Apparatus for sampling a process stream under vacuum. 3,209,598, 10–5–65, Cl. 73—422.
Anderson, Arne H., and J. E. Wachtel, to Hamilton Mfg. Co. Table and bench assembly. 3,191,991, 6–29–65, Cl. 297—159.
Anderson, Arne H., and J. E. Wachtel, to Hamilton Mfg. Co. Folding table assembly. 3,212,463, 10–19–65, Cl. 108—113.
Anderson, Arnold E., and R. E. Kaptur, to Ford Motor Co. Speed responsive fluid released clutch. 3,166,165, 1–19–65, Cl. 192—3.5.
Anderson, Arnold E., C. C. Bookout, and R. E. Kaptur, to Ford Motor Co. Control system for infinitely variable power transmission mechanism. 3,184,913, 5–25–65, Cl. 60—19.
Anderson, Arthur A., to The Specialty Mfg. Co. Grass catching attachment for rotary mowers. 3,213,600, 10–26–65, Cl. 56—202.
Anderson, Arthur F., to Gar Wood Industries, Inc. Hydrostatic drive for motor vehicles. 3,177,964, 4–13–65, Cl. 180—66.
Anderson, Arthur F., to Gar Wood Industries, Inc. Variable displacement piston pump. 3,186,352, 6–1–65, Cl. 103—162.
Anderson, Arthur F., to Gar Wood Industries, Inc. Hydrostatic drive. 3,199,286, 8–10–65, Cl. 60—19.
Anderson, Arthur L., and E. M. Tritt, to General Motors Corp. Transistorized power inverter. 3,221,182, 11–30–65, Cl. 307—88.5.
Anderson, Arvin D., to Sinclair Research, Inc. Removing metal contaminants from silica-based cracking catalysts. 3,173,882, 3–16–65, Cl. 252—413.
Anderson, Arvin D., and R. A. Sanford, to Sinclair Research, Inc. Cracking a metal-contaminated residual oil. 3,168,459, 2–2–65, Cl. 208—57.
Anderson, Arvin D., E. H. Burk, Jr., L. L. Simantel, and R. A. Sanford, to Sinclair Research, Inc. Process for the removal of nickel, iron, and vanadium from a silica based cracking catalyst. 3,168,482, 2–2–65, Cl. 252—415.
Anderson, Arvin D., R. L. Foster, and H. G. Russell, to Sinclair Research, Inc. Two stage cracking of residuals. 3,201,341, 8–17–65, Cl. 208—74.
Anderson, Axel: *See*—
Lofgren, Charles O., and Anderson. 3,222,702.
Anderson, Axel, to Sundstrand Corp. Fluid pumping and stirring apparatus. 3,179,384, 4–20–65, Cl. 259—96.
Anderson, Beaumont K. Corner square. 3,167,101, 1–26–65, Cl. 144—2.
Anderson, Bernard J., to General Electric Co. Rotor assembly. 3,165,294, 1–12–65, Cl. 253—77.
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Kass, Gerald H. 3,221,773.
Anderson Bros. Mfg. Co.: *See*—
Stohlquist, Roger H. 3,216,175.
Villemure, Fred W. 3,174,652.
Anderson, Burton C., and G. R. Morlock, to E. I. du Pont de Nemours and Co. Preparation of trifluoromethyl fluoroformate and bistrifluoromethyl carbonate. 3,226,418, 12–28–65, Cl. 260—463.
Anderson, C. Gordon: *See*—
Thouvenelle, Beryl E., Stringer, and Anderson. 3,200,977.
Anderson, Carl M., and J. W. Endress, to Carrier Corp. Refrigeration apparatus. 3,210,955, 10–12–65, Cl. 62—117.
Anderson, Carl P.: *See*—
Clark, Clayton H., and Anderson. 3,205,305.
Kleinschmidt, Edward F., and C. P. and H. A. Anderson, Clark, and Sherrick. 3,187,096.
Anderson, Charles C. Road sweeper. 3,212,118, 10–19–65, Cl. 15—82.
Anderson, Charles H. J.: *See*—
Rijnders, Johannes, and Anderson. 3,191,019.
Anderson, Charles M., to W. R. Stamler Corp. Material handling apparatus. 3,221,865, 12–7–65, Cl. 198—53.
Anderson, Chester B., to Ford Motor Co. Positive drive differential. 3,211,022, 10–12–65, Cl. 74—711.
Anderson, Clarence L.: *See*—
Braden, Arthur B., Jr., Kleekamp, Aygun, and Anderson. 3,175,487.
Anderson, Clayton & Co.: *See*—
Sinclair, Alfred C. and S. W. 3,172,351.
Sinclair, Stuart W. 3,182,836.
Anderson, Cleve R., and H. W. Alter, to General Electric Co. Irradiated fuel reprocessing. 3,222,124, 12–7–65, Cl. 23—14.5.
Anderson, Clifford E., to ACF Industries, Inc. Seat for top entry ball valve. 3,184,213, 5–18–65, Cl. 251—172.
Anderson, Clifford E., to ACF Industries, Inc. Plug valve. 3,184,215, 5–18–65, Cl. 251—309.
Anderson, Clifford E., to ACF Industries, Inc. Integral valve and seat unit. 3,223,111, 12–14–65, Cl. 137—454.6.
Anderson, Clifford E., to ACF Industries, Inc. Gate valve. 3,226,078, 12–28–65, Cl. 251—62.
Anderson, Clifford E., and R. A. Gulick, to ACF Industries, Inc. Fire safe ball valve. 3,174,495, 3–23–65, Cl. 137—74.
Anderson, Clifford E., J. S. Downs, and R. A. Gulick, to ACF Industries, Inc. Ball valve with sealing capsule. 3,192,948, 7–6–65, Cl. 137—454.6.
Anderson, Clifford E., and W. E. Lowrey, to ACF Industries, Inc. Valve seat structure having pressure-actuated seal means. 3,215,157, 11–2–65, Cl. 137—246.
Anderson, Clifford R., Jr.: *See*—
Butterbaugh, Galen P., and Salsbury. 3,208,305.
Salsbury, Esley F. 3,197,004.
Anderson Co., The: *See*—
Beatty, Eldon L. 3,184,987.
Krohm, Fred A. 3,180,758.
Krohm, Fred A. 3,195,162.
Martens, Jack E. 3,164,029.
Martens, Jack E. 3,178,957.
Peras, Lucien, and Suisse. 3,224,028.
Wise, Ralph H. 3,180,757.
Wubbe, Leo J. 3,163,876.
Wubbe, Leo J. 3,163,877.
Wubbe, Leo J. 3,178,751.
Wubbe, Leo J. 3,188,679.
Anderson, Darrell C. Portable hydraulic wool sacker. 3,211,193, 10–12–65, Cl. 141—73.
Anderson, David B., to Wood Conversion Co. Panel board clip. 3,187,389, 6–8–65, Cl. 20—92.

Anderson, David F.: *See*—
Stanton, Arthur J., Anderson, and Boniface. 3,199,415.
Stanton, Arthur J., Anderson, and Taylor. 3,166,982.
Stanton, Arthur J., Anderson, and Taylor. 3,170,372.
Stanton, Arthur J., Anderson, Taylor, and King. 3,169,-445.

Anderson, Donald A., to American Motors Corp. Dump hopper. 3,225,947, 12–28–65, Cl. 214—302.

Anderson, Donald E., to The Regents of the University of Minnesota. Thin film superconducting solenoids. 3,205,-413, 9–7–65, Cl. 317—158.

Anderson, Donald E., to The Regents of the University of Minnesota. Thin film magnetic energy accumulator. 3,205,-461, 9–7–65, Cl. 333—76.

Anderson, Donald E., and D. E. Christensen, to Weyerhaeuser Co. Pallet. 3,216,376, 11–9–65, Cl. 108—56.

Anderson, Donald F., J. G. Moxness, and D. W. Folske, to Minnesota Mining and Mfg. Co. Copying machine. 3,214,-584, 10–26–65, Cl. 250—65.

Anderson, Donald J., to California Research Corp. Lactone amides in lubricating oils. 3,200,075, 8–10–65, Cl. 252—51.5.

Anderson, Douglas G., and E. Kawecki, to Sturdevant Mfg. Corp. Spring actuated starter for engines. 3,164,142, 1–5–65, Cl. 123—179.

Anderson, Duane H., to Sperry Rand Corp. Computing device incorporating interruptible repeat instruction. 3,168,724, 2–2–65, Cl. 340—172.5.

Anderson-Dunham, Inc.: *See*—
Murphy, Bynum E. 3,182,730.
Murphy, Bynum E. 3,213,644.

Anderson, Earl F. Stringed musical instrument. 3,185,011, 5–25–65, Cl. 84—293.

Anderson, Earl R., to Filper Corp. Peach pitter. 3,185,195, 5–25–65, Cl. 146—28.

Anderson, Earl R., to Filper Corp. Fitting method. 3,217,-767, 11–16–65, Cl. 146—238.

Anderson, Edwin A. Circulating whipstock. 3,174,549, 3–23–65, Cl. 166—117.5.

Anderson Electric Corp.: *See*—
Shaw, Truman B. 3,185,762.

Anderson, Emmett R., and C. W. Hanks, to Stauffer Chemical Co. Apparatus for projecting an electron beam along a curved path having variable impedance. 3,204,096, 8–31–65, Cl. 250—49.5.

Anderson, Erik A., to Electrolux, Aktiebolaget. Collapsible manipulating handle for floor treating machine. 3,203,707, 8–31–65, Cl. 280—47.37.

Anderson, Eugene A., to Scovill Mfg. Co. Machine for setting fasteners upon blanks. 3,225,994, 12–28–65, Cl. 227—39.

Anderson, Eugene J.: *See*—
Stuller, Frank G., Gumz, and Anderson. 3,184,034.
Stuller, Frank G., Gumz, and Anderson. 3,202,263.

Anderson, Floyd R., to Gardner-Denver Co. Drilling tool and method of making the same. 3,190,380, 6–22–65, Cl. 175—410.

Anderson, Frank P., to Thiokol Chemical Corp. Solid propellant rocket motor having reverse thrust generating means. 3,196,610, 7–27–65, Cl. 60—35.54.

Anderson, Fred A.: *See*—
Jacobson, Alden H., and Anderson. 3,220,286.

Anderson, Fred N., and W. L. Cherry, to Cherry Electrical Products Corp. Crossbar slide selector switch with a current conducting means. 3,205,319, 9–7–65, Cl. 200—16.

Anderson, Fred W.: *See*—
Anderson, H. W., Larkin, and Clark. 3,178,864.

Anderson, Frohman. Pneumatic tire having drive means contained within. 3,205,962, 9–14–65, Cl. 180—10.

Anderson, Geoffrey B., to Charles Pitt (Barton Stacey) Ltd. Road vehicles. 3,198,364, 8–3–65, Cl. 214—505.

Anderson, George A. M., to The King Co. Air curtain apparatus. 3,215,058, 11–2–65, Cl. 98—36.

Anderson, George B.: *See*—
Miller, William R., Anderson, and Bleck. 3,165,814.

Anderson, George B., and W. R. Miller, to Consolidated Machine Tool Division of Farrel-Birmingham Co., Inc. Axle lathe. 3,177,743, 4–13–65, Cl. 82—8.

Anderson, George C., to North American Aviation, Inc. Frequency regulator. 3,164,769, 1–5–65, Cl. 322—32.

Anderson, George C., to Otis Elevator Co. Rail positioning and fastening device. 3,199,642, 8–10–65, Cl. 189—36.

Anderson, George C. Container with valve operated nozzle. 3,221,943, 12–7–65, Cl. 222—183.

Anderson, George W. Inflating means for life saving devices. 3,198,384, 8–3–65, Cl. 222—5.

Anderson, Gerald R.: *See*—
Hickey, Frank D., Hirahara, and Anderson. 3,192,974.

Anderson, Gerald R., and S. H. Creed, to FMC Corp. Fruit stemming, coring and splitting machine. 3,199,558, 8–10–65, Cl. 146—52.

Anderson, Gerald V., to North American Aviation, Inc. Welded structure and method for making same. 3,185,815, 5–25–65, Cl. 219—137.

Anderson, Glenn L. Paper sack. 3,212,697, 10–19–65, Cl. 229—57.

Anderson, Gordon D.: *See*—
Webb, James E. 3,218,479.

Anderson, Gordon R., to Desalination Plants (Developers of Zarchin Process) Ltd. System and method for deriving potable water. 3,175,372, 3–30–65, Cl. 62—123.

Anderson, Gordon R., Jr., to Howard Industries, Inc. Method of assembling an electric motor. 3,209,434, 10–5–65, Cl. 29—155.5.

Anderson, Greenwood & Co.: *See*—
Weise, Irvin B., and Greenwood. 3,211,174.

Anderson, Gunnar E., to Westinghouse Electric Corp. Grounding wiring device. 3,173,731, 3–16–65, Cl. 339—14.

Anderson, Gustaf A. Inflating device for flotation gear. 3,221,932, 12–7–65, Cl. 222—5.

Anderson, Harold W., deceased; (by F. W. Anderson and Massachusetts Institute of Technology, legal representatives), C. R. Larkin, and W. L. Clark, to United States of America, Navy. Preparation of glass cells containing helium of high purity. 3,178,864, 4–20–65, Cl. 53—22.

Anderson, Henry J., and R. J. Shartran, to The Gleason Works. Work handling mechanism. 3,169,446, 2–16–65, Cl. 90—1.

Anderson, Herbert L. Thickness measurement using alpha particles. 3,193,680, 7–6–65, Cl. 250—83.3.

Anderson, Herbert R., to Tri-Wall Containers, Inc. Steel rule die cutter for cutting crushable materials. 3,186,283, 6–1–65, Cl. 83—623.

Anderson, Herbert R., to Tri-Wall Containers, Inc. Corrugated carton having crush-relieved flaps. 3,199,763, 8–10–65, Cl. 229—37.

Anderson, Herbert R., Jr., to Phillips Petroleum Co. Rubber products resistant to radiation damage. 3,175,992, 3–30–65, Cl. 260—45.7.

Anderson, Herbert R., Jr., to Phillips Petroleum Co. Boron nitride-alkali metal compounds as polymerization catalyst. 3,214,418, 10–26–65, Cl. 260—94.2.

Anderson, Hilding A.: *See*—
Kleinschmidt, Edward F., and C. P. and H. A. Anderson, Clark, and Sherrick. 3,187,096.

Anderson, Hilding A., and C. H. Clark, to SCM Corp. Sliding switch devices for coding apparatus. 3,205,317, 9–7–65, Cl. 200—5.

Anderson, Howard A.: *See*—
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Smith, Raymond A., and Anderson. 3,169,520.

Anderson, Howard A., to United States Steel Corp. Metal can end. 3,197,059 7–27–65. Cl. 220—24.

Anderson, Howard A., and R. W. Herring. Device for lifting bed patients. 3,224,016, 12–21–65, Cl. 5—327.

Anderson, Howard W., to The Kaydon Engineering Corp. Recirculating spline bearing. 3,210,136, 10–5–65, Cl. 308—6.

Anderson, Howard W., to The Kaydon Engineering Corp. Articulated roller bearing construction. 3,219,398, 11–23–65, Cl. 308—6.

Anderson, Hubert J., to Automatic Welding Co. Welding apparatus. 3,182,177, 5–4–65, Cl. 219—125.

Anderson, Hubert J., to Automatic Welding Co. Portable welding apparatus. 3,217,136, 11–9–65, Cl. 219—130.

Anderson, Hugo F., and A. L. Ludwig, to Hastings Mfg. Co. Seals for valve stems for internal combustion engines and the like. 3,171,659, 3–2–65, Cl. 277—33.

Anderson, James A., and P. J. Erpenbeck, to Breneman Hartshorn Inc. Pin end plug for metal window shade roller. 3,195,618, 7–20–65, Cl. 160—323.

Anderson, James D., and E. L. Cheh, to Burndy Corp. Connector carry block and connectors. 3,217,872, 11–16–65, Cl. 206—65.

Anderson, James E., to Jackson Vibrators, Inc. Tamping machine drive. 3,203,359, 8–31–65, Cl. 105—27.

Anderson, James H., to Borg-Warner Corp. Means for fixing wheels on shafts. 3,165,342, 1–12–65, Cl. 287—52.

Anderson, James P.: *See*—
Angstadt, John W., Ehlert, and Anderson. 3,208,506.

Anderson, John A.: *See*—
Van Auwelaer, Albert J., and Anderson. 3,174,635.
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Anderson, John A., to Grove Valve and Regulator Co. Resilient seal members of elongated cross section for fluid-flow control valves. 3,198,483, 8–3–65, Cl. 251—327.

Anderson, John B.: *See*—
Houston, William L., Jr., and Anderson. 3,192,286.

Anderson, John E., to Union Carbide Corp. Method for generating an arc. 3,200,233, 8–10–65, Cl. 219—74.

Anderson, John E., and N. W. Franke, to Gulf Research & Development Co. Process for carboxylation of iso-olefins. 3,167,585, 1–26–65, Cl. 260—533.

Anderson, John G., to General Electric Co. Electric power transmission system. 3,211,914, 10–12–65, Cl. 307—3.

Anderson, John H., and W. K. Priese, to Hills-McCanna Co. Ball valve having offset through passage. 3,168,279, 2–2–65, Cl. 251—181.

Anderson, John J., to S. C. Johnson & Son, Inc. Aerosol valve with means to lock same in the open position. 3,187,-963, 6–8–65, Cl. 222—394.

Anderson, John L., to International Business Machines Corp. Superconductive circuits. 3,179,925, 4–20–65, Cl. 340—173.1

Anderson, John L., to International Business Machines Corp. Superconductive transmission line circuits. 3,191,056, 6–22–65, Cl. 307—88.5.

Anderson, John L., to International Business Machines Corp Random or associative access memory. 3,197,653, 7–27–65 Cl. 307—88.5.

Anderson, John L., to International Business Machines Corp Low cost autotransformer. 3,202,949, 8–24–65, Cl. 336–149.

Anderson, John L. Hoist control mechanism. 3,203,671, 8–31–65, Cl. 254—141.
Anderson, John L., to Cleanometer Corp. Radioactive process for detection of surface contamination. 3,215,839, 11–2–65, Cl. 250—106.
Anderson, John L., and K. L. Berry, to E. I. du Pont de Nemours and Co. Fluorobutadienes, fluorobutadiene polymers, and preparation of the same. 3,218,303, 11–16–65, Cl. 260—82.1.
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Anderson, John M. Adjustable cable straps. 3,176,945, 4–6–65, Cl. 248—71.
Anderson, John P., and R. K. Van Ausdal, to The Bendix Corp. Servo valve feedback system. 3,218,936, 11–23–65, Cl. 91—365.
Anderson, John R. Electronic tuner for musical instruments. 3,180,199, 4–27–65, Cl. 84—454.
Anderson, John R. Unijunction transistor oscillator circuit. 3,202,937, 8–24–65, Cl. 331—111.
Anderson, John R., and G. S. Somekh, to Union Carbide Corp. Separation of aromatic hydrocarbons from nonaromatic hydrocarbons. 3,186,937, 6–1–65, Cl. 208—314.
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Hess, Robert W., Thomsen, Porter, and Anderson. 3,212,933.
Anderson, Joseph J.: *See*—
Morrison, Heber J., and Anderson. 3,210,684.
Anderson, Joseph W. Exercise device with treadable base. 3,218,065, 11–16–65, Cl. 272—57.
Anderson, Karl A., to Controls Co. of America. Loading apparatus for molds. 3,173,171, 3–16–65, Cl. 18—5.
Anderson, Karl R., and R. S. Fischer. Electric water heating and storage device. 3,189,725, 6–15–65, Cl. 219—293.
Anderson, Kay O.: *See*—
Hodnefield, Olaus T. 3,201,265.
Anderson, Kelvin G., to W. R. Grace & Co. Method for transporting dielectric material. 3,198,409, 8–3–65, Cl. 226—1.
Anderson, Kelvin G., and P. P. Spolsino, to W. R. Grace & Co. Dispensing apparatus for wax-impregnated material. 3,165,958, 1–19–65, Cl. 83—170.
Anderson, Kenneth A., to Ametek, Inc. Filter. 3,206,034, 9–14–65, Cl. 210—347.
Anderson, Kenneth A., to Ametek, Inc. Filter. 3,212,639, 10–19–65, Cl. 210—104.
Anderson, Kenneth A., to Ametek, Inc. Filter leaf having internal heat exchange means. 3,212,640, 10–19–65, Cl. 210—185.
Anderson, Kermit R.: *See*—
Hudock, Edward, and Anderson. 3,210,768.
Anderson, Lawrence A., to Eastman Kodak Co. Dry, vitamin-active product and process for preparing same. 3,184,385, 5–18–65, Cl. 167—81.
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Buchholz, Arnold R., and Anderson. 3,196,257.
Anderson, Lloyd D., to United States of America, Navy. Electrical sound simulator. 3,181,138, 4–27–65, Cl. 340—384.
Anderson, Lloyd E., to Pittsburgh-Des Moines Steel Co. Elevated tank support. 3,219,224, 11–23–65, Cl. 220—1.
Anderson, Lloyd E., Sr., to Pittsburgh-Des Moines Steel Co. Method of making a welded joint. 3,182,179, 5–4–65, Cl. 219—137.
Anderson, Louis C., Jr., and A. A. Hagstrom, to Teletype Corp. Printing telegraph keyboard. 3,171,890, 3–2–65, Cl. 178—25.
Anderson, Louis M., to Allis Chalmers Mfg. Co. Head control for particle counter. 3,220,777, 11–30–65, Cl. 302—14.
Anderson, Louis W. Plastic well screen point. 3,168,924, 2–9–65, Cl. 175—314.
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Fisher, Richard A. 3,210,906.
Anderson, Malcolm G., to The Goodyear Tire & Rubber Co. Tire bead grommet and method of making same. 3,170,662, 2–23–65, Cl. 245—1.5.
Anderson, Malcolm G., and J. S. Hawkes, to The Goodyear Tire & Rubber Co. Safety tire and valve therefor. 3,191,654, 6–29–65, Cl. 152—341.
Anderson, Mardis V., and L. P. Valencic, to Collins Radio Co. Dual band blade antenna with filtering and matching network on blade. 3,210,764, 10–5–65, Cl. 343—708.
Anderson, Marvin E., to IIT Research Institute. Magnetic transducer. 3,164,682, 1–5–65, Cl. 179—100.2.
Anderson, Maynard E.: *See*—
Noakes, Thomas E., Anderson, and Polkinghorn. 3,223,143.
Plasko, Emil R., and Anderson. 3,194,931.
Anderson, Maynard E., to American Radiator & Standard Sanitary Corp. Multi-cycle program timer. 3,188,504, 6–8–65, Cl. 307—141.4.
Anderson, Maynard E., to American Radiator & Standard Sanitary Corp. Air-controlled liquid dispensing mechanism for washing machines. 3,223,285, 12–14–65, Cl. 222—70.
Anderson, Maynard E., J. Chapa, and M. W. Polkinghorn, to American Radiator & Standard Sanitary Corp. Thermally-operated control means. 3,194,074, 7–13–65, Cl. 73—363.
Anderson, Maynard E., T. E. Noakes, and R. B. Remick, to American Radiator & Standard Sanitary Corp. Motor-operated valve. 3,206,117, 9–14–65, Cl. 236—1.
Anderson, Maynard E., E. R. Plasko, J. Sokoly, and M. W. Polkinghorn, to American Radiator & Standard Sanitary Corp. Vacuum-operated valve. 3,206,159, 9–14–65, Cl. 251—28.
Anderson, Maynard E., J. Chapa, and M. W. Polkinghorn, to American Radiator & Standard Sanitary Corp. Thermomagnetic control comprising a thermo-influenced magnetic element and a permanent magnet. 3,206,573, 9–14–65, Cl. 200—88.
Anderson, Maynard E., and M. W. Polkinghorn, to American Radiator & Standard Sanitary Corp. Air conditioner damper control. 3,213,928, 10–26–65, Cl. 165—26.
Anderson, Maynard L.: *See*—
Wade, Dennis E., and Anderson. 3,165,461.
Anderson, Milton D., Jr.: *See*—
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Anderson, Murl H., to Concept Engineering Co., Inc. Explosive-operated anchor assembly. 3,207,115, 9–21–65, Cl. 114—206.
Anderson, Neal S., and C. E. William, to TRW Inc. Signal correlation system. 3,212,092, 10–12–65, Cl. 343—112.
Anderson, Nelson E., deceased (S. B. Anderson, administratrix), to Air Reduction Co., Inc. Stabilized eddy current seam follower. 3,201,562, 8–17–65, Cl. 219—125.
Anderson, Nelson E., deceased, by S. B. Anderson, administratrix, to Air Reduction Co., Inc. Two length gap fusion spot welding method. 3,213,261, 10–19–65, Cl. 219—127.
Anderson, Nelson E., deceased (S. B. Anderson, administratrix), to Air Reduction Co., Inc. Torch carriage. 3,220,629, 11–30–65, Cl. 228—25.
Anderson, Olof V., to Anson, Inc. Necktie holder. 3,204,306, 9–7–65, Cl. 24—52.
Anderson, Paul P., and A. Busemann, to The American Agricultural Chemical Co. Method of making marshmallow. 3,206,315, 9–14–65, Cl. 99—134.
Anderson, Paul T., and J. B. Ramsey, to Westington Electric Corp. Thermal overload relay with reset means. 3,213,243, 10–19–65, Cl. 200—122.
Anderson, Paul Z.: *See*—
Margarian, Gerald M., and Anderson. 3,208,403.
Anderson, Philip A.: *See*—
Heidner, Richard C., and Anderson. 3,220,396.
Anderson, Philip C., to Feed Service Corp. Nutrient compositions and process for preparing same. 3,198,635, 8–3–65, Cl. 99—2.
Anderson, Philip C., to Feed Service Corp. Animal feeding device. 3,200,790, 8–17–65, Cl. 119—51.
Anderson, Philip P., Jr., to Arkla Industries Inc. Refrigeration system. 3,177,930, 4–13–65, Cl. 165—62.
Anderson, Quinn S.: *See*—
De Bell, Arthur G., Anderson, and Simmons. 3,205,343.
Anderson, Ralph F.: *See*—
Anderson, Swan F. and R. F. 3,206,915.
Anderson, Ralph F. Hydraulic measuring apparatus and control system. 3,207,367, 9–21–65, Cl. 222—18.
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Anderson, Ralph F. Carton construction. 3,219,257, 11–23–65, Cl. 229—51.
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Anderson, Ralph S., to Sperry Rand Corp. Universal receptacle shell coding device. 3,184,707, 5–18–65, Cl. 339—186.
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Anderson, Richard N., to V. E. Anderson Mfg. Co. Retaining structure for window sash and counterweights. 3,172,169, 3–9–65, Cl. 20—52.
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Cash, Burns A., and Anderson. 3,179,731.
Anderson, Richard D., to United States of America, Navy. Calibrated infrared source, adjustable for spectrum, frequency, and intensity. 3,211,910, 10–12–65, Cl. 250—86.
Anderson, Richard H., to The Robinson Clay Product Co. Seal for pipe joints. 3,185,491, 5–25–65, Cl. 277—237.
Anderson, Richard L., to International Business Machines Corp. Fast switching diodes. 3,208,887, 9–28–65, Cl. 148—33.
Anderson, Richard L., J. C. Marinace, and M. J. O'R. Ingham, to International Business Machines Corp. Vapor deposition process to form a retrograde impurity distribution p-n junction formation wherein the vapor contains both donor and acceptor impurities. 3,190,773, 6–22–65, Cl. 148—175.
Anderson, Richard M.: *See*—
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Anderson, Robert B. Aquatic device. 3,194,206, 7–13–65, Cl. 115—28.
Anderson, Robert F. Adjustable brassiere. 3,200,821, 8–17–65, Cl. 128—492.

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Anderson, Robert G., and Y. G. Hendrickson, to California Research Corp. Corrosion inhibited lubricants. 3,185,646, 5–25–65, Cl. 252—46.7.

Anderson, Robert G., and Y. G. Hendrickson, to California Research Corp. Lubricant composition. 3,185,647, 5–25–65, Cl. 252—46.7.

Anderson, Robert G., and L. R. Honnen, to California Research Corp. Polypiperazinyl succinimides in lubricating oils. 3,200,076, 8–10–65, Cl. 252—51.2.

Anderson, Robert H., to Tektronix, Inc. Storage tube and electrical readout apparatus and method for such tube. 3,214,516, 10–26–65, Cl. 178—6.8.

Anderson, Robert H., to Tektronix, Inc. Tube having target with store and/or non-store sections. 3,214,631, 10–26–65, Cl. 315—12.

Anderson, Robert I., to Brunswick Corp. Bowling ball accelerating return system. 3,206,199, 9–14–65, Cl. 273—49.

Anderson, Robert M., and L. A. Demchock, Jr., to General Electric Co. Method of making flash lamps. 3,188,162, 6–8–65, Cl. 316—20.

Anderson, Robert P., to General Electric Co. Implosion resistant cathode ray tubes. 3,184,327, 5–18–65, Cl. 117—63.

Anderson, Robert V. Refrigeration unit having superheated gas feedback. 3,214,929, 11–2–65, Cl. 62—117.

Anderson, Robert W., to Norton Co. Wafering machine. 3,168,087, 2–2–65, Cl. 125—16.

Anderson, Roy H., to Felch-Anderson Co. Fastening device. 3,187,399, 6–8–65, Cl. 24—206.

Anderson, Roy S.: *See*—
Feuer, Henry, and Anderson. 3,213,147.

Anderson, Severa B.: *See*—
Anderson, Nelson E. 3,201,562.
Anderson, Nelson E. 3,220,629.
Anderson, Nelson E. and S. B. 3,213,261.

Anderson, Sidney E., to Deere & Co. Harvesting roll. 3,174,484, 3–23–65, Cl. 130—5.

Anderson, Stanley L.: *See*—
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Anderson, Swan F. and R. F.; said S. F. Anderson assor. of ¼ to R. F. Anderson, and ¼ to V. Spencer. Packaging apparatus. 3,206,915, 9–21–65, Cl. 53—374.

Anderson, Tage O., to Consolidated Systems Corp. Digital transient analyzer. 3,192,519, 6–29–65, Cl. 340—347.

Anderson, Thomas F., D. C. Trimble, D. H. Storey, and E. B. Hoffman, to Haveg Industries, Inc., a wholly-owned subsidiary of Hercules Powder Co. Insulated nestable container and method of making the same. 3,203,611, 8–31–65, Cl. 229—1.5.

Anderson, Thomas P., and R. Beispel, to Microseal Corp. Film record card. 3,220,133, 11–30–65, Cl. 40—159.

Anderson, Thor A., ½ to A. J. Schmedlin, Jr. Pocketed ball game with projecting means. 3,166,323, 1–19–65, Cl. 273—119.

Anderson, Thure, to United States of America, Atomic Energy Commission. Sweeping image mirror camera. 3,174,153, 3–16–65, Cl. 352—84.

Anderson, Thure, to United States of America, Atomic Energy Commission. Stepped gas bearing. 3,195,963, 7–20–65, Cl. 308—9.

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Anderson, V. E., Mfg. Co.: *See*—
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Anderson, Vern A., G. L. Durney, deceased (by J. L. Durney, widow), to Worthington Corp. Adjustable pitch sheave. 3,214,986, 11–2–65, Cl. 74—230.17.

Anderson, Vern C., to Western Land Roller Co. Ear corn attachment for roller mills. 3,217,765, 11–16–65, Cl. 146—71.

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Anderson, Walter J., to Chicago Musical Instrument Co. Electrical musical instrument. 3,190,951, 6–22–65, Cl. 84—1.23.

Anderson, Walter J., to Chicago Musical Instrument Co. Key switch assembly. 3,193,607, 7–6–65, Cl. 84—1.04.

Anderson, Walter J., and C. W. Welsh. Organ stop mechanism. 3,200,186, 8–10–65, Cl. 84—1.19.

Anderson, Warren A., to United States of America, Navy. Simulation of radar interference. 3,193,606, 7–6–65, Cl. 35—10.4.

Anderson, Warren D. Cleat guard. 3,198,160, 8–3–65, Cl. 114—218.

Anderson, Warren L., to Halliburton Co. Acoustic logging system. 3,212,598, 10–19–65, Cl. 181—.5.

Anderson, Wayne E. Bumper carrier for a two-wheeled vehicle. 3,225,986, 12–28–65, Cl. 224—42.03.

Anderson, Weston A., to Varian Associates. Gyromagnetic resonance method and apparatus. 3,173,084, 3–9–65, Cl. 324—.5.

Anderson, Weston A., to Varian Associates. Apparatus for improving the homogeneity of a magnetic field. 3,199,021, 8–3–65, Cl. 324—.5.

Anderson, Weston A., to Varian Associates. Quantum resonance method and apparatus. 3,202,908, 8–24–65, Cl. 324—.5.

Anderson, Weston A., F. A. Nelson, and D. L. Wright, to Varian Associates. Gyromagnetic resonance method and apparatus. 3,173,083, 3–9–65, Cl. 324—.5.

Anderson, William. Form structure for concrete foundations and the like. 3,171,185, 3–2–65, Cl. 25—131.

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Anderson, William A., and A. W. Demmler, Jr., to Aluminum Co. of America. Thermal treatment of aluminum base alloy product. 3,219,491, 11–23–65, Cl. 148—11.5.

Anderson, William A., and A. W. Demmler, Jr., to Aluminum Co. of America. Thermal treatment of aluminum base alloy product. 3,219,492, 11–23–65, Cl. 148—11.5.

Anderson, William B. Low-vehicle straddling luggage carrying trailer. 3,215,448, 11–2–65, Cl. 280—400.

Anderson, William E., and G. C. Schmid, to Reigel Paper Corp. Method of making a porous coated product. 3,174,889, 3–23–65, Cl. 156—254.

Anderson, William F., and D. F. Casey, to North American Aviation, Inc. Heat exchanger. 3,176,761, 4–6–65, Cl. 165—81.

Anderson, William G., to Collins Radio Co. Synthetic rate generator. 3,167,697, 1–26–65, Cl. 318—28.

Anderson, William H.: *See*—
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Anderson, William H. Camping trailer. 3,177,030, 4–6–65, Cl. 296—23.

Anderson, William R.: *See*—
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Anderson, William S., and R. D. Mullineaux, to Shell Oil Co. Lubricants and additives therefor. 3,208,946, 9–28–65, Cl. 252—59.

Anderson, William S., and J. Boor, Jr., to Shell Oil Co. Lubricants containing cyclohydrocarbon polymers and method of preparing said polymers. 3,223,638, 12–14–65, Cl. 252—59.

Anderson, Wilmer C., and S. J. Demby, to General Time Corp. Low power drain pulse formers. 3,201,593, 8–17–65, Cl. 307—88.

Anderson, Wilmer C., and M. J. Ingenito, to General Time Corp. Digital storage and readout device. 3,214,573, 10–26–65, Cl. 235—92.

Anderson, Wilmer C., F. P. Rennie, and M. J. Ingenito, to General Time Corp. Temperature compensated magnetic oscillator. 3,215,951, 11–2–65, Cl. 331—113.

Anderson, Wright, (South Africa) Ltd.: *See*—
Van den Berg, Michael A. 3,190,725.

Andersson, Bengt I., to Nyby Bruks Aktiebolag. Method of electrolytic metal plating. 3,223,600, 12–14–65, Cl. 204—26.

Andersson, Craig R., to Sun Oil Co. Apparatus for countercurrent liquid-liquid contacting. 3,164,444, 1–5–65, Cl. 23—270.5.

Andersson, Ivar O.: *See*—
Lomar, Stig B. S., and Andersson. 3,171,772.

Andersson, Lars M., to Ab Melka. Method in the manufacture of shirts, pajamas and the like of binding them for packing. 3,180,543, 4–27–65, Cl. 223—71.

Andersson, Per L.: *See*—
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Andersson, Per L., and O. G. Aberth, to Sperry Rand Corp. Check digit verifiers. 3,191,009, 6–22–65, Cl. 235—153.

Andreasson, Rudolf W. Reamer with reinforced cooled shank. 3,199,382, 8–10–65, Cl. 77—72.

Andreasson, Rudolf W. Fluid cooled reamer with land channel. 3,216,107, 11–9–65, Cl. 29—567.

Andersson, Rune A. Testing device. 3,177,702, 4–13–65, Cl. 73—40.

Andersson, Stig G., to Tetra Pak, AB. Method of producing sealed and partially filled packages of equal filling degrees. 3,187,476, 6–8–65, Cl. 53—28.

Andersson, Sven W. E.: *See*—
Osborne, Fred H., Andersson, and Tuttle. 3,165,321.

Andersson, Torsten A., and E. H. Carlsson, to Aktiebolaget Overuns Bruck. Device for controlling plows, particularly multifurrow plows. 3,195,653, 7–20–65, Cl. 172—449.

Anderton, Henry: *See*—
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Anschutz, Otto, to L. & C. Steinmuller G.m.b.H. Combined coal dust and gas firing system. 3,188,987, 6–15–65, Cl. 110—22.

Ansell, Lacy C. Fish net. 3,165,853, 1–19–65, Cl. 43—7.

Anselm, Courtenay D., to Eastman Kodak Co. Novel process for recovering color-forming coupler from used photographic color developer solutions. 3,201,412, 8–17–65, Cl. 260—310.

Anselmo, Charles: *See*—
Jacobs, Maxwell E., and Anselmo. 3,167,144.

Anselmo, Gene. Sidewalk skimmer. 3,197,227, 7–27–65, Cl. 280—87.01.

Anson, Arthur H. Telephone supplementary dial attachment. 3,197,573, 7–27–65, Cl. 179—90.

Anson, Inc.: *See*—
Anderson, Olof V. 3,204,306.

Anson, William E., to Coin-controlled compressed air dispenser. 3,208,574, 9–28–65, Cl. 194—3.

Ansorg, Ernst, to Fichtel & Sachs A.G. Packing system for rotary combustion engine and the like. 3,189,263, 6–15–65, Cl. 230—145.

Anspach, Herman F., to Western Electric Co., Inc. Apparatus for loading components. 3,177,629, 4–13–65, Cl. 53—198.

Anspach, Ralph, and D. C. Killen. Smoking pipes. 3,204,642, 9–7–65, Cl. 131—178.

Anspach, Robert, to United States of America, Navy. Double-layer warhead. 3,223,036, 12–14–65, Cl. 102—67.

Anspach, Roy L., to Aeronca Mfg. Corp. Method and apparatus for indexing and assembling a core strip to a honeycomb core panel. 3,225,433, 12–28–65, Cl. 29—429.

Anspach, Roy L., to Aeronca Mfg. Corp. Apparatus for fabricating honeycomb material. 3,226,524, 12–28–65, Cl. 219—78.

Anspon, Harry D., and R. P. Cahoy, to Gulf Oil Corp. N,N'-bisolelyloxamide. 3,226,437, 12–28–65, Cl. 260—561.

Ansul Co.: *See*—
Stevens, George D. 3,203,825.

Anstalt fur die Entwicklung von Erfindungen und gewerblichen Anwendungen Energa: *See*—
Batou, Boris. 3,176,616.

Anstett, Edgar P. Synthetic plastic nailing strip. 3,165,968, 1–19–65, Cl. 85—17.

Anstett, Edgar P. Nailing strip. 2,211,284, 10–12–65, Cl. 206—56.

Anstett, Edgar P. Pneumatically power operated nailing machine. 3,211,352, 10–12–65, Cl. 227—136.

Anstett, Raymond M., to Colgate-Palmolive Co. Detergent bar. 3,226,330, 12–28–65, Cl. 252—117.

Anstey, Doris B.: *See*—
Anstey, Richard W. and D. B. 3,184,760.

Anstey, Richard W. and D. B. Positioning means for women's belts. 3,184,760, 5–25–65, Cl. 2—312.

Ansul Chemical Co.: *See*—
Mason, Howard F. 3,167,608.
Moyerman, Robert M., and Ehman. 3,173,937.

Ansul Co., The: *See*—
Sievert, James A. 3,221,995.
Zellner, Robert J. Re. 25,844.

Antalek, John J., to TRW Inc. Method of making a coupling device. 3,222,760, 12–14–65, Cl. 29—155.5.

Antalek, John J., to TRW, Inc. Coil form mounting arrangement for inductance devices. 3,223,951, 12–14–65, Cl. 336—92.

Antenna Specialists Co.: *See*—
Eville, William T., and Finke. 3,224,716.

Antes, Jack E., to Burndy Corp. Pin contact. 3,178,676, 4–13–65, Cl. 339—252.

Anthes, Clifford C., J. Villoresi, and W. C. Poland, Jr., to Union Carbide Corp. Thermotreating method and apparatus. 3,180,397, 4–27–65, Cl. 158—27.4.

Anthes, John A., and D. D. Phelps, to Dravo Corp. Process and apparatus for fire-hardening pellets. 3,172,754, 3–9–65, Cl. 75—5.

Anthon, Erik W.: *See*—
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Baruch, Hans, and Anthon. 3,225,645.

Anthon, Erik W., to Warner-Lambert Pharmaceutical Co. Materials handling apparatus. 3,178,266, 4–13–65, Cl. 23—253.

Anthon, Erik W., to Warner-Lambert Pharmaceutical Co. Liquid collecting apparatus and a valve therefor. 3,190,497, 6–22–65, Cl. 222—64.

Anthon, Erik W., to Warner-Lambert Pharmaceutical Co. Sample handling apparatus. 3,193,148, 7–6–65, Cl. 222—108.

Anthon, Erik W., to Warner-Lambert Pharmaceutical Co. Coupling devices. 3,197,241, 7–27–65, Cl. 285—138.

Anthon, Erik W., to Warner-Lambert Pharmaceutical Co. Valve. 3,199,538, 8–10–65, Cl. 137—625.18.

Anthon, Erik W., to Warner-Lambert Pharmaceutical Co. Method for attaching connector elements to resiliently flexible tubing. 3,225,435, 12–28–65, Cl. 29—432.2.

Anthon, Erik W., to Warner-Lambert Pharmaceutical Co. Turntable drive. 3,225,628, 12–28–65, Cl. 74—822.

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Mathers, Robert V., and Sass. 3,175,706.
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Anthony, Felix M. Automatic crimping machine. 3,190,096, 6–22–65, Cl. 77—110.

Anthony, Forrest S., and W. R. Colquitt, to Hudson Hosiery Co. Sinker control means and method for circular knitting machine. 3,172,274, 3–9–65, Cl. 66—108.

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Anthony, Joseph C. Automatic buoy line adjustment mechanism. 3,196,469, 7–27–65, Cl. 9—8.

Anthony, Myron L., to Scully-Anthony Corp. Machine tools. 3,173,203, 3–16–65, Cl. 29—568.

Anthony, Myron L., to Scully-Anthony Corp. Control for tool storage matrix, using individual re-settable code data registers. 3,173,204, 3–16–65, Cl. 29—568.

Anthony, Myron L., to Scully-Anthony Corp. Binary key indentifier for machine tools. 3,187,123, 6–1–65, Cl. 200—44.

Anthony, Myron L., to Scully-Anthony Corp. Exclusive or logical element. 3,189,752, 6–15–65, Cl. 307—88.5.

Anthony, Myron L., and R. F. Gill, Jr., to Scully-Anthony Corp. Aluminum electrical enclosures having a titania lead glass seal containing a ceramic matrix. 3,189,677, 6–15–65, Cl. 174—50.61.
Anthony, Paul. Automatic pull gun. 3,190,104, 6–22–65, Cl. 85—45.
Anthony Pools Inc.: *See*—
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Anthony, Rayford G.: *See*—
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Anthony, Roy. Cup containing beverage ingredient. 3,186,850, 6–1–65, Cl. 99—78.
Anthony, Russel W.: *See*—
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Anthony, Russel W., to National Broach & Machine Co. Expanding arbor. 3,212,374, 10–19–65, Cl. 82—44.
Anthony, Russel W., to National Broach & Machine Co. Broaching apparatus. 3,221,608, 12–7–65, Cl. 90—95.
Anthony, Russel W., M. B. Mentley, and D. W. Daniel, to National Broach & Machine Co. Relief shaving. 3,220,311, 11–30–65, Cl. 90—1.6.
Anthony, William C.: *See*—
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Anthony, William E. Plastic mortar shell. 3,181,465, 5–4–65, Cl. 102—41.
Antinori, Jack A., and M. W. Rutenberg, to National Starch and Chemical Corp. Process for preparing a breaded deep-fried food. 3,208,851, 9–28–65, Cl. 99—1.
Antler Corp.: *See*—
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Seaton, Harold E. 3,183,501.
Antognini, Joe: *See*—
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Tilles, Harry, and Antognini. 3,185,720.
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Antokal, Philip, to E. I. du Pont de Nemours and Co. Electrical discharge producing apparatus for treating plastic materials. 3,192,385, 6–29–65, Cl. 250—49.5.
Anton, Erik W., to Warner-Lambert Pharmaceutical Co. Closure for pressurized containers. 3,170,607, 2–23–65, Cl. 222—400.7.
Anton, Evan J. Optical projection system with negative diopter magnifying lens. 3,178,996, 4–20–65, Cl. 88—24.
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Anton, Mark, to Suburban Propane Gas Corp. Method of and means for storing liquefied petroleum gases underground. 3,184,922, 5–25–65, Cl. 61—.5.
Anton, Nicholas. Superatmospheric pressure ionization chamber for detection of radiant energy. 3,207,938, 9–21–65, Cl. 313—93.
Anton, Nicholas T., to Wen Products, Inc. Electric belt sander. 3,176,436, 4–6–65, Cl. 51—170.
Anton, Nicholas T., to Wen Products, Inc. Electric hand plane. 3,207,195, 9–21–65, Cl. 145—4.
Antonaides, Basil, to Radio Corp. of America. Mesh electrode support structure. 3,202,857, 8–24–65, Cl. 313—89.
Antonides, Harold J., to Armour Pharmaceutical Co. Conjugated bile acid separation. 3,180,794, 4–27–65, Cl. 167—55.
Antonides, Harold J., and R. L. Dietchweiler, to Armour Pharmaceutical Co. Algicidal and sanitizing compositions. 3,201,311, 8-17-65, Cl. 167—22.
Antonio, John, and R. Townsend, to Sperry Rand Corp. Pulse semiconductor amplifier with a reduced leakage current effect. 3,197,709, 7–27–65, Cl. 330—18.
Antonious, Anthony J., 25% to L. A. Rheaume. Golf tee. 3,203,700, 8–31–65, Cl. 273—202.
Antonsen, Donald H., to Sun Oil Co. Method of preparing synthetic lubricating oil. 3,179,711, 4–20–65, Cl. 260—683.15.
Antonsen, Donald H., to Sun Oil Co. Preparation of synthetic lubricating oil. 3,206,523, 9–14–65, Cl. 260—683.15.
Antonucci, Carmine J., to Potter Instrument Co., Inc. Print hammer module and control block therefor. 3,177,803, 4–13–65, Cl. 101—93.
Antonucci, Carmine J., to Potter Instrument Co., Inc. Print hammer modules for high speed printers. 3,200,739, 8–17–65, Cl. 101—93.
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Anzalone, Philip J., and A. D. Mayer, to United States of America, Navy. Temperature-stabilized transistor multivibrator. 3,194,977, 7–13–65, Cl. 307—88.5.
Anzalone, Robert S.: *See*—
Cucuzza, Salvatore P., and Anzalone. 3,178,116.
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Mays, Howard D., Bennett, and Anzuini. 3,189,177.
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Aoki, Kunio: *See*—
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Aoki, Kunio, to Daiwa Boseki Kabushiki Kaisha. Carding machines. 3,169,278, 2–16–65, Cl. 19—105.
Aoki, Nobuhiko, and Z. Abe, to Kabushiki Kaisha Hitachi Seisakusho. Variable-capacitance diode modulator. 3,221,272, 11–30–65, Cl. 332—47.
Aoki, Tsutomu: *See*—
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Thelen, Alfred J., and Apfel. 3,185,834.
Apfel, Joseph H., to General Dynamics Corp. Temperature measuring apparatus. 3,214,977, 11–2–65, Cl. 73—339.
Apgar, John N., Sr. Load apportioning tandem suspension structure for vehicles. 3,202,440, 8–24–65, Cl. 280—104.5.
Apicella, Nicholas. Mortar dispenser. 3,163,881, 1–5–65, Cl. 15—555.
Apikos, Dominic A., H. J. De Marsico, and R. L. Lutgen, to The Atlantic Refining Co. Carton board coating composition. 3,175,986, 3–30–65, Cl. 260—28.0.
Apitz, Julius H. Ice fishing tip-up. 3,187,456, 6–8–65, Cl. 43—17.
Apker, Le Roy, to General Electric Co. Solid-state electron source. 3,214,629, 10–26–65, Cl. 313—346.
Apking, Arthur F., and F. H. Groms, to Allis-Chalmers Mfg. Co. Amortisseur winding for dynamoelectric machines. 3,179,828, 4–20–65, Cl. 310—183.
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Apley, Martin, and J. R. Alexander, to The Walker Chemical Co. Ltd. Phosphonitrilic polymers and process for their preparation. 3,164,556, 1–5–65, Cl. 260—2.
Apolloni, Gino M., H. A. Mackie, and W. J. Streetman, to General Motors Corp. Guided door hinge mechanism. 3,223,445, 12–14–65, Cl. 296—44.
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Wiesner, Albert H., Snider, and Apostle. 3,171,829.
Apothéloz, Robert, to Machine Tool Works Oerlikon, Administration Co. Rocket projectile with spreadable empennage. 3,174,430, 3–23–65, Cl. 102—50.
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Appel, Walter D. Windshield wiper blade assembly. 3,192,551, 7–6–65, Cl. 15—250.36.
Appeldorn, Roger H., to Minnesota Mining and Mfg. Co. Stand for an overhead projector. 3,208,337, 9–28–65, Cl. 88—24.
Appeldorn, Roger H., and F. C. Lustig, to Minnesota Mining and Mfg. Co. Portable overhead projecting apparatus. 3,167,998, 2–2–65, Cl. 88—26.
Appeldorn, Roger H., and F. C. Lustig, to Minnesota Mining and Mfg. Co. Portable overhead projecting apparatus. 3,209,646, 10–5–65, Cl. 88—24.
Appell, Herbert R., to Koppers Co., Inc. Method of treating exhaust gases of internal combustion engines. 3,179,488, 4–20–65, Cl. 23—2.
Appell, Herbert R., and H. S. Bloch, to Universal Oil Products Co. Polymerization of isoprene. 3,222,346, 12–7–65, Cl. 260—94.2.
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Appenzeller, Valentin, to Eduard Kusters Maschinenfabrik. Tubular roller with carrier core and division of the gap between the roller and core into longitudinal chambers. 3,196,520, 7–27–65. Cl. 29—116.
Apperson, Kenneth L. Diving weight. 3,192,723, 7–6–65, Cl. 61—70.
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Applebaum, Sidney P., to General Electric Co. Synchronizing circuit maintaining loop signals as an integer product and equal amplitude. 3,218,559, 11–16–65, Cl. 328—15.

Appleberry, Walter T., to Douglas Aircraft Co., Inc. General purpose latch. 3,208,781, 9–28–65, Cl. 292—128.
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Applegarth, John C. Reinforced gripper sling. 3,167,344, 1–26–65, Cl. 294—74.
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Applegate, Robert B., to Cleveland Electrical Equipment Co., Inc. Method of making an armature. 3,173,194, 3–16–65, Cl. 29—155.53.
Applegate, Vernon C., and J. H. Howell, to United States of America, Interior. Method for controlling petromyzon marinus. 3,219,521, 11–23–65, Cl. 167—31.
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Applequist, James E., and W. G. Dye, to International Business Machines Corp. Format control for disk recording. 3,208,057, 9–21–65, Cl. 340—174.1.
Appleton, Arthur I. Rotary engine of the sliding vane type. 3,164,139, 1–5–65, Cl. 123—14.
Appleton, Arthur I. Weatherproof take-up reel. 3,167,161, 1–26–65, Cl. 191—12.2.
Appleton, Arthur I. Lamp receptacle. 3,170,750, 2–23–65, Cl. 339—180.
Appleton, Arthur I. Rotary engine of the sliding abutment type with external valves. 3,171,391, 3–2–65, Cl. 123—14.
Appleton, Arthur I. Portable food mixer. 3,176,968, 4–6–65, Cl. 259—108.
Appleton, Arthur I. Controlled beam high intensity flood lamp. 3,177,354, 4–6–65, Cl. 240—3.
Appleton, Arthur I. Hanger for pipe and conduit. 3,185,418, 5–25–65 Cl. 248—72.
Appleton, Arthur I. Explosion-proof panel board. 3,210,608, 10–5–65, Cl. 317—99.
Appleton, Arthur I. Explosion-proof panel board with offset mounting. 3,210,609, 10–5–65, Cl. 317—119.
Appleton, Arthur I., C. H. Lindell, and A. P. Stephensen, to Appleton Electric Co. Flood lamp fixture. 3,213,270, 10–19–65, Cl. 240—3.
Appleton, Bernard S., and H. V. Walter, to Disogrin Industries, a division of Pellon Corp. Seal construction. 3,167,323, 1–26–65, Cl. 277—205.
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Price, Frederick J., Jr. 3,200,999.
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Appleton, Richard L., to Ace Machine Co. Electric cart driving and suspension arrangement. 3,219,137, 11–23–65, Cl. 180—26.
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Applied Power Industries, Inc.: *See*—
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Hare, Richard C., and Stein. 3,173,258.
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Applied Science Laboratories, Inc.: *See*—
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Applin, James G. Marker for a stenographic typewriter. 3,213,995, 10–26–65, Cl. 197—180.
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Apthorp, Carl R., Jr., F. A. Foster, and R. L. Nekola, to The Cleveland Twist Drill Co. Machine tool control system. 3,196,748, 7–27–65, Cl. 90—11.42.
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Lopez, Robert. 3,164,117.
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Whitlock, Robert A., and Pillote. 3,183,933.
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Willinger, Allan H. 3,225,930.
Willinger, Allan H. and H. W. 3,225,736.
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Aquarius, Theodorus H. and J. F., and van den Eijnden. 3,188,781.
Aquarius, Joannes F. and T. H., and J. van den Eijnden. Apparatus for opening and closing the transverse sealing jaws of a packaging machine. 3,172,245, 3–9–65, Cl. 53—182.
Aquarius, Theodorus H.: *See*—
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Aquarius, Theodorus H. and J. F., and J. van den Eijnden. Packaging machine. 3,188,781, 6–15–65, Cl. 53—180.
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Green, William G., and Moody. 3,195,236.
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Aquillon, Charles A., to Ark-Les Switch Corp. Printed circuit connector. 3,209,308, 9–28–65, Cl. 339—176.
Aquino, Herman A., G. F. Bridges, and W. R. Shaver, to Pullman Inc. Load partitioning device for freight vehicles. 3,217,664, 11–16–65, Cl. 105—376.
Araas, Edythe K. Door grill. 3,170,200, 2–23–65, Cl. 20—71.
Arabian, Karekin G., and J. C. Muyres, to Shell Oil Co. Wax composition and sheet materials coated therewith. 3,192,062, 6–29–65, Cl. 106—270.
Arai, Iwao, and M. and S. Yamashita, to Nippon Carbide Kogyo Kabushiki Kaisha. Method for accelerating germination and growth of plants. 3,195,997, 7–20–65, Cl. 71—2.1.
Arai, Yoshinori, to Rohm & Haas Co. Method for regenerating weakly basic anion exchange resin. 3,197,401, 7–27–65, Cl. 210—30.
Arakawa, Makoto, and K. Ueda, to Kanegafuchi Boseki Kabushiki Kaisha, known as Kanegafuchi Spinning Co., Ltd. Process for the production of fibrous products consisting of polyvinyl alcohol or its derivatives. 3,167,604, 1–26–65, Cl. 264—185.
Arakawa, Morimasa, K. Hirooka, T. Kosugi, and M. Kawano, Arakawa Rinsan Kagaku Kogyo Kabushiki Kaisha. Sizing emulsions comprising a petroleum resin-maleic anhydride addition product and a fatty acid. 3,211,681, 10–12–65, Cl. 260—23.
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Arbogast, Alfred C. Method for making wrought Y-fittings from a tubular work piece. 3,216,092, 11–9–65, Cl. 29—157.
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Wilhelmsson, Gunnar, Arborgh, and Sjögren. 3,168,031.
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Arcamone, Federico, G. Canevazzi, A. Grein, and F. Bizioli, to Societa Farmaceutici Italia. Anitbiotic distamycin and method of production. 3,190,801, 6–22–65, Cl. 167—65.
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Ariessohn, Edmond R., H. A. Hammerstein, and G. W. Shepherd Jr., to ACF Industries, Inc. Pictorial position display. 3,190,950, 6–22–65, Cl. 35—10.2.
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Armantrout, Kenneth M., and D. W. Kelbel, to Borg-Warner Corp. Drive unit for boats. 3,182,629, 5–11–65, Cl. 115—41.

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Arp, Leon J., and J. M. Green, to Iowa State University Research Foundation, Inc. Variable differential gear drive automatic control apparatus for machines. 3,202,893, 8–24–65, Cl. 318—13.

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Arpaia, Michael A. Fuel supply system, carburetor and method. 3,224,425, 12–21–65, Cl. 123—122.

Arpin, John W., to American Plastics Corp. Thermoplastic resin covered gear and method of making same. 3,180,171, 4–27–65, Cl. 74—460.

Arrigo, Frank E. Leg aligner. 3,203,416, 8–31–65, Cl. 128—80.

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Arrison, Robert A., Jr., and C. G. van der Velden, to Laboratory For Electronics, Inc. Apparatus for producing visual images of X-rayed objects. 3,198,947, 8–3–65, Cl. 250—99.

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Schleicher, Harold E. 3,172,977.

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Arsen, James F. Coin stacking and wrapping device. 3,180,070, 4–27–65, Cl. 53—254.

Arsenault, William R., J. F. Cameron, and J. S. Thompson, to FMA, Inc. Apparatus for simultaneously recording spaced data and code on a single frame of photographic film. 3,202,045, 8–24–65, Cl. 88—24.

Arseneau, Roger E., to International Telephone and Telegraph Corp. Multi-frequency tone signaling system. 3,201,524, 8–17–65, Cl. 179—84.

Arseneau, Roger E., to International Telephone and Telegraph Corp. Speech path controller. 3,221,106, 11–30–65, Cl. 179—18.

Arseneau, Roger E., and J. Bereznak, to International Telephone and Telegraph Corp. High speed electronic switching telephone system. 3,204,043, 8–31–65, Cl. 179—18.

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Arthur, Edwin P., and J. E. Leonard, to Beckman Instruments, Inc. Ion measurement apparatus and method. 3,219,556, 11–23–65, Cl. 204—1.

Arthur, Gene M., to Clevite Harris Products, Inc. Lubricated bearing assembly. 3,215,477, 11–2–65, Cl. 308—26.

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Arthur, Merwyn E., and F. F. Myers, to International Business Machines Corp. Analog-to-digital converter utilizing electrostatic means. 3,197,761, 7–27–65, Cl. 340—347.

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Arwine, Robert. Battery receiving, charging, and dispensing device. 3,171,568, 3–2–65, Cl. 221—66.

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Mukaiyama, Teruaki, and Hata. 3,188,310.
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Aschauer, George R., to Twin Disc Clutch Co. Centrifugal clutch having an output controlled supplementary clutching force. 3,184,024, 5–18–65, Cl. 192—103.

Aschauer, George R., to Twin Disc Clutch Co. Centrifugally operated actuating mechanism. 3,184,025, 5–18–65, Cl. 192—105.

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Aser, Gilbert A., J. W. Melville, and G. P. Taillie. Optical scanning system. 3,221,622, 12–7–65, Cl. 95—1.7.

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Ash, Eric A., to International Standard Electric Corp. Waveguide coupled tuning of cavity resonators for klystrons. 3,181,025, 4–27–65, Cl. 315—5.53.

Ash, Eric A., to International Standard Electric Corp. Delay line for travelling wave tube. 3,181,090, 4–27–65, Cl. 333—31.

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Ash, Michael E., to Arthur Guinness Son and Co. (Park Royal) Ltd. Concentration control apparatus for a continuous flow system. 3,219,319, 11–23–65, Cl. 259—4.
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Ashby, Robert B., to Atlantic Research Corp. Shorting plug. 3,182,277, 5–4–65, Cl. 339—19.
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Ashe, Thomas S., and G. C. Thompson, to Associated Electrical Industries Ltd. Electric switch devices for controlling the temperature of the means to be heated by electrical heating apparatus. 3,177,320, 4–6–65, Cl. 200—140.
Asher, Delman R., to The Dow Chemical Co. Recovery of iodine from aqueous solutions. 3,219,409, 11–23–65, Cl. 23—89.
Asher, Sidney, to Pages, Inc. Orthodontic force system utilizing a face-bow and arch wire hooks. 3,186,089, 6–1–65, Cl. 32—14.
Ashfield, Herbert E., C. H. Hull, and H. Horsfall, to David Brown Tractors (Canada) Ltd. Hydraulic power lift mechanism for tractors. 3,172,479, 3–9–65, Cl. 172—7.
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Roinestad, Gerald C. 3,225,902.
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Ashworth, William J., to Artnell Co. Electrical sound reproducing device. 3,178,512, 4–13–65, Cl. 179—1.
Ashworth, William J., to Artnell Co. Remote motor control switching system. 3,199,005, 8–3–65, Cl. 318—16.
Asinovskaja, Gnesja A., B. M. Dmitriev, and A. N. Shashkov. Flux for soldering and low-temperature soldering-welding of cast iron by brass solders. 3,179,540, 4–20–65, Cl. 148—26.
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Aske, Charles B., Jr., to Gar Wood Industries, Inc. Vehicle wheel and tire rim. 3,183,039, 5–11–65, Cl. 301—37.
Aske, Charles B., Jr., to Gar Wood Industries, Inc. Wheel and tire trim construction. 3,220,775, 11–30–65, Cl. 301—37.
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Atsumi, Katsuya, to S. Akai. Head assembly in a magnetic tape recorder. 3,190,970, 6–22–65, Cl. 179 –100.2.

Atsumi, Katsuya, to Akai Electric Co. Ltd. Recording and biasing head assembly for magnetic tape recorders. 3,197,-210, 7–27–65, Cl. 274—4.

Atsumi, Kunio, to Suzuki Motor Co., Ltd. Kick starting device for a motorcycle. 3,212,348, 10–19–65, Cl. 74—142.

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Atteberry, Robert W., E. H. Keefer, and W. L. Wachtel, to Olin Mathieson Chemical Corp. Solid polysulfide rubber-decaborane high energy fuel and method of preparation. 3,223,563, 12–14–65, Cl. 149—19.

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Aulabaugh, William E. and J. E. Tree limb shaker attachment for chain saws. 3,212,250, 10–19–65, Cl. 56—328.
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Ault, Cyrus F., to Bell Telephone Laboratories, Inc. Light beam positioning system. 3,188,477, 6–8–65, Cl. 250—217.
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Ault, Waldo C., and A. Eisner, to United States of America, Agriculture. Process for addition of arylthiols, phenols and phenyl ethers to unsaturated fatty acids. 3,192,239, 6–29–65, Cl. 260—399.
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Ausnit, Steven, and O. K. Kraus. Slider. 3,213,505, 10–26–65, Cl. 24—201.
Ausnit, Steven, and K. J. Staller; said Staller assor. to Flexigrip, Inc. Double joined fastener and method of forming plural bags. 3,219,084, 11–23–65, Cl. 150—3.
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Austin, Benjamin L., and T. Mori, to Chistensen Diamond Products Co. Apparatus for mounting rubber sleeves on inner core barrel tubes. 3,192,616, 7–6–65, Cl. 29—234.
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Austin, William C.: *See*—
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Autenrieth, Hans, to Kali-Forschungs-Anstalt G.m.b.H. Electrostatic separation of minerals. 3,217,876, 11–16–65, Cl. 209—9.
Autenrieth, Hans, G. K. Peuschel, and G. Weichart, to Kali-Forschungs-Anstalt, Gesellschaft mit beschrankter Haftung. Process for the electrostatic separation of carnalite-containing crude salts. 3,225,924, 12–28–65, Cl. 209—9.
Autio, Paul, to Illinois Tool Works Inc. Washer detector for screw and washer assembly machine. 3,225,371, 12–28–65, Cl. 10—155.
Autler, Stanley H., to Massachusetts Institute of Technology. Superconducting electromagnet. 3,200,299, 8–10–65, Cl. 317—123.
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Werner, Otto E. 3,170,541.
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Bonanno, Ernest J. 3,178,516.
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Hartz, Joseph M. 3,210,480.
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Straub, Harold E., and Averill. 3,185,069.
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Axelsson, Karl G., to Nickelfabriksaktiebolaget Gottfrid Carlsson, Eskilstuna. Liquid fuel burner or stove. 3,168,132, 2–2–65, Cl. 158—94.

Axeman, James E. Fuel burner boiler unit. 3,207,131, 9–21–65, Cl. 122—149.

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Axtell, Willard G., to Samsonite Corp. Chair tiering clamps. 3,207,551, 9–21–65, Cl. 297—248.

Axtell, Willard G., to Samsonite Corp. Handle for luggage cases. 3,213,981, 10–26–65, Cl. 190—57.

Axtell, Willard G., M. H. Best, and C. A. Samhammer, to Samsonite Corp. Luggage cases. 3,198,299, 8–3–65, Cl. 190—41.

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Axthammer, Ludwig, to Fichtel & Sachs Aktiengesellschaft. Pressure apparatus and means for charging the same with a pressure fluid. 3,197,191, 7–27–65, Cl. 267—64.

Aydelott, Boyd T. Pusher-type conveyor. 3,184,041, 5–18–65, Cl. 198—168.

Aydelott, Max M., to American Pipe and Construction Co. Joint seal for concrete-lined pipe. 3,201,150, 8–17–65, Cl. 285—55.

Ayer, Donald E., to The Upjohn Co. 3α-fluoroandrostanes and 15β-fluorogesterone. 3,169,133, 2–9–65, Cl. 260—397.3.

Ayer, Donald E., to The Upjohn Co. 16α-bromo- and 16α-iodopregnanes and process. 3,189,623, 6–15–65, Cl. 260—397.4.

Ayer, Donald E., to The Upjohn Co. 16α-bromo- and 16α-iodopregnanes. 3,189,626, 6–15–65, Cl. 260—397.45.

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Ayers, Joseph W., and J. K. Orlemann, to Agrashell, Inc. Process for producing non-magnetic finely ground materials such as charcoal and calcium carbonate. 3,170,764, 2–23–65, Cl. 23—209.1.

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Bachelor, William B., to United States of America, Navy. Pulse-amplitude discriminating passive delay filter useful at amplifier input to increase dynamic range. 3,226,660, 12–28–65, Cl. 333—20.
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Baier, John F. Combined circulating heating water and domestic hot water heating system. 3,171,597, 3–2–65, Cl. 237—19.
Baier, John P., H. E. Smith, and W. E. Fritz, to General Motors Corp. Transmission control system. 3,181,387, 5–4–65, Cl. 74—472.
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Bailey, Charles R. Chart for indicating the sales space occupancy periods of products displayed for sale. 3,225,-473, 12–28–65, Cl. 40—124.
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Bailey, Donald L., W. T. Black, and M. L. Dunham, to Union Carbide Corp. Alky peroxide heat-cured organopolysiloxane elastomers. 3,183,205, 5–11–65, Cl. 260—37.
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Bailey, Ervin G., to Bailey Inventions, Inc. Solid fuel furnace. 3,203,684, 8–31–65, Cl. 266—25.
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Bailey, Ervin G., to Bailey Inventions, Inc. Method and apparatus for producing gaseous products from solid fuel and using same for the reduction of iron ore. 3,203,784, 8–31–65, Cl. 75—40.
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Bailey, Frederick E., Jr., and W. J. Toussaint, to Union Carbide Corp. Lubricating oils containing alkyl acrylate-vinylpyridine N-oxide copolymers. 3,166,507, 1–19–65, Cl. 252—51.5.
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Baines, John K. W.; ⅓ to A. S. Baines, and ⅓ to T. B. C. Davis. Apparatus for forming tubing from flexible resilient strip material. 3,193,432, 7–6–65, Cl. 156—467.

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Baird, Norman F., to Westinghouse Electric Corp. Photoflash lamp with printed circuit lead-in conductors. 3,220,225, 11–30–65, Cl. 67—31.

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Baizer, Manuel M., to Monsanto Co. Electrolytic hydrodimerization process and extraction procedure. 3,193,477, 7–6–65, Cl. 204—73.

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Bajars, Laimonis, to Petro-Tex Chemical Corp. Dehydrogenation. 3,207,808, 9–21–65, Cl. 260—680.

Bajars, Laimonis, to Petro-Tex Chemical Corp. Process for dehydrogenation of aliphatic hydrocarbons. 3,207,809, 9–21–65, Cl. 260—680.

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Baker, Arthur F., to Amsted Industries Inc. Rotary railway car coupler structure. 3,220,563, 11–30–65, Cl. 213—62.
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Baker, Donald H., C. B. Glover, and M. Skaar, to Sperry Rand Corp. System and method for determining true magnetic bearings. 3,218,840, 11–23–65, Cl. 73—1.
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Baker, Eugene E., to Halliburton Co. Cementing apparatus. 3,223,160, 12–14–65, Cl. 166—27.
Baker, Eugene H., D. P. Osborn, Jr., and M. O. Steen. Exercising machine and brake. 3,224,765, 12–21–65, Cl. 272—79.
Baker, Fred E. Vehicle electrical system. 3,215,924, 11–2–65, Cl. 320—68.
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Baker, Hayward R., to United States of America, Navy. Compositions for cleaning machinery and electrical equipment. 3,167,514, 1–26–65, Cl. 252—170.
Baker, Henry W., to Pilkington Bros. Ltd. Methods of and apparatus for toughening curved sheets of glass. 3,214,256, 10–26–65, Cl. 65—114.
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Baker, Lawrence K., and T. E. Magill, to Western Electric Co., Inc. Non-injecting, ohmic contact for semiconductive devices. 3,198,999, 8–3–65, Cl. 317—234.
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Baker, Melvin C., to E. I. du Pont de Nemours and Co. Process for the production of acrylonitrile. 3,189,642, 6–15–65, Cl. 260—465.3.
Baker, Meredith H., C. D. Thomason, and J. A. Bullard. Submergible swimming pool change room. 3,212,105, 10–19–65, Cl. 4—1.
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Baker, Thomas R., and C. J. Pierce, Jr., to Bradford Speed Packaging and Development Corp. Drive mechanism for the plunger of a plunger-and-die type folding box machine. 3,186,244, 6–1–65, Cl. 74—103.

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Baker, Vance A., 60% to C. H. Baker. Recoil friction brake for automatic firearms. 3,171,326, 3–2–65, Cl. 89—177.

Baker, Walter S., to United States of America, Army. Solvent process for preparing epoxy-base propellants. 3,184,352, 5–18–65, Cl. 149—19.

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Baker, William E., to Baker Research and Development Corp. Thermal actuators. 3,194,009, 7–13–65, Cl. 60—23.

Baker, William H., to Big Drum, Inc. Process for maintaining the crispness in a pastry product filled with a frozen confection. 3,186,852, 6–1–65, Cl. 99—136.

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Baker, William P., Jr., to E. I. du Pont de Nemours and Co. Thermoplastic copolymer of vinyl monomer and sulfur. 3,225,120, 12–21–65, Cl. 260—874.

Baker, William P., Jr., to E. I. du Pont de Nemours and Co. Thermoplastic copolymer of vinyl monomer and aldehyde monomer. 3,225,121, 12–21–65, Cl. 260—874.

Baker, William R., K. Halbach, and R. W. Layman, to United States of America, Atomic Energy Commission. Plasma propulsion device having special magnetic field. 3,191,092, 6–22–65, Cl. 315—111.

Baker, William R., and D. E. Kullgren, to Paragon Bridge & Steel Co. Apparatus for shipping vehicles. 3,221,669, 12–7–65, Cl. 105—368.

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Bakker, Martinus A. M., and B. Visser, to North American Philips Co., Inc. Method of applying a layer consisting of an alloy to a support. 3,172,829, 3–9–65, Cl. 204—35.

Bakker, Martinus A. M., and J. C. Duran, to North American Philips Co., Inc. Platinum coated molybdenum grid having an intermediate layer of nickel. 3,200,284, 8–10–65, Cl. 313—348.

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Balaguer, Rodolfo R., to J. D. Hedges and Co. Ltd. Partnership. Carbon mix and method of forming same. 3,196,025, 7–20–65, Cl. 106—284.

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Balamuth, Lewis, and A. Kuris, to Cavitron Ultrasonics Inc. Fastening together of members by high frequency vibrations. 3,184,353, 5–18–65, Cl. 156—73.
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Staat, Robert A. and A. A. 3,190,309.
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Baldwin, Douglas, Jr., to Shell Oil Co. Sulfide treatment of reforming catalyst. 3,224,962, 12–21–65, Cl. 208—138.
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Nashold, Robert W., Baldwin, and Mitchell. 3,168,001.
Baldwin, Herman J., to The Cincinnati Milling Machine Co. Machine tool spindle cooling system. 3,221,606, 12–7–65, Cl. 90—11.
Baldwin, Howard A., to Arizona Research Foundation, Inc. Fluid energy system. 3,173,372, 3–16–65, Cl. 103—44.
Baldwin, J. A., Mfg. Co.: *See*—
Baldwin, Jesse A. 3,204,771.
Baldwin, James L. Joint for motorcycle frames and the like. 3,215,459, 11–2–65, Cl. 287—111.
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Baldwin, John A., Jr., and A. H. Bobeck, to Bell Telephone Laboratories, Inc. Magnetic information storage circuits. 3,182,296, 5–4–65, Cl. 340—174.
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Kruse, Robert B., and Baldwin. 3,166,934.
Baldwin, John E., to United States of America, Navy. Method of casting a foam-cored rocket propellant grain. 3,196,735, 7–27–65, Cl. 86—1.
Baldwin, John H., H. W. Berry, and R. M. Madvig, to Honeywell Inc. Aircraft control apparatus. 3,175,788, 3–30–65, Cl. 244—77.
Baldwin-Lima-Hamilton Corp.: *See*—
Brown, Edwin C., and Woolman. 3,184,076.
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Darlington, Warren B., and Slaker. 3,169,491.
Grantham, Lynn F. 3,215,253.
Hammon, Otto, Colbert, and Gambrell. 3,202,088.
Hildebrandt, Raymond K., Shissler, Hammon, and Klaverkamp. 3,177,696.
Hines, Frank F. 3,202,958.
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Lawrance, Harold R. 3,197,387.
Lawrance, Harold R., and Danesi. 3,178,891.
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Ris, Kenneth B., Gardner, and Ryan. 3,194,747.
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Sibler, Guentew W. 3,184,944.
Stulen, Walter H. 3,191,413.
White, Ira M. 3,208,718.
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Baldwin, Paul: *See*—
Couvreur, Silvere, and Baldwin. 3,180,825.
Baldwin, Paul R. Boat propulsion system. 3,207,118, 9–21–65, Cl. 115—37.

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Baldwin, Roger A.: *See*—
Washburn, Robert M., and Baldwin. 3,189,564.
Washburn, Robert M., Baldwin, and Billig. 3,213,136.
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Baldwin, William: *See*—
Baldwin, Charles R. and W. 3,197,588.
Bale, Alton G., Jr., and G. F. Turner, to Wisconsin Electrical Mfg. Co., Inc. Automatic control for cumulative delivery of materials. 3,217,927, 11–16–65, Cl. 222—56.
Balent, Ralph, and R. J. Beeley, to North American Aviation, Inc. Epithermal thorium power-breeder nuclear reactor. 3,197,376, 7–27–65, Cl. 176—18.
Balestic, Francis, to Commissariat a l'Energie Atomique. Process of chromatographic extraction of vitamin D_2 and/or pre-vitamin D_2. 3,185,716, 5–25–65, Cl. 260—397.25.
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Balfour, Joseph: *See*—
Revell, Donald H., and Balfour. 3,212,754.
Balfour, Lionel M. J. Collapsible tables. 3,176,633, 4–6–65, Cl. 108—67.
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Todd, David B., Keeler, and Balfour. 3,202,647.
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Balgley, Ely, to Tenneco Chemical Inc. Heat hardened pentaerythritol-acrolein rocket propellant grains and their production. 3,218,206, 11–16–65, Cl. 149—19.
Balinkin, Isay. Demonstration device. 3,208,161, 9–28–65, Cl. 35—19.
Balinski, Henry A., to United States Gypsum Co. Clinching tool. 3,170,162, 2–23–65, Cl. 1—260.
Balint, John, and T. Hirsch. Hanging cap and holder for squeeze tubes. 3,180,528, 4–27–65, Cl. 222—105.
Balis, Earl W., to General Electric Co. Electric water heater. 3,176,115, 3–30–65, Cl. 219—318.
Balistrieri, Peter A. Method and apparatus for mixing and blending solid materials. 3,165,300, 1–12–65, Cl. 259—6.
Balitrand, Georges, and P. Lafont, to Rhone-Poulenc S.A. Solutions of acrylonitrile homopolymers and copolymers. 3,185,657, 5–25–65, Cl. 260—30.2.
Balitsky, Nicolay V., and V. T. Tapeshkin, to Konstruktorskoje Bureau Koksohimmash Giprokoksa. Mechanism for cleaning coke-oven doors. 3,220.038, 11–30–65, Cl. 15—21.
Balkema, Elmer H., and P. A. Marchant, to Consolidated Thermoplastics Co. Flexible dispensing container assemblies. 3,189,071, 6–15–65, Cl. 150—.5.
Balkin, Burton E. Dental table. 3,210,846, 10–12–65, Cl. 32—22.
Ball, Arthur F., to Essex Products, Inc. Heel-reinforcing insert. 3,186,112, 6–1–65, Cl. 36—34.
Ball, Arthur F., to Essex Products, Inc. Re-enforced heel and insert. 3,218,735, 11–23–65, Cl. 36—34.
Ball, Arthur F., to Essex Products, Inc. Reinforced heel and dowel. 3,225,465, 12–28–65, Cl. 36—34.
Ball Bros. Co., Inc.: *See*—
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Eissler, Robert L. 3,196,785.
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Ball, Charles R., Jr.: *See*—
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Ball, Edmund H., to Pirelli General Cable Works Ltd. Temperature indicating means for electric cables and different sections thereof. 3,187,080, 6–1–65, Cl. 174—11.
Ball, Eldon W., to Raytheon Co. Antenna intersecting-orthogonal-axes gimbal mount utilizing rotary bearings for two axes and push-pull linkage for third axis. 3,166,750, 1–19–65, Cl. 343—705.
Ball, Frank J., J. B. Doughty, and W. G. Vardell, to West Virginia Pulp and Paper Co. Composition containing resole and lignin in free acid form and process for preparing same. 3,185,654, 5–25–65, Cl. 260—17.5.
Ball, Frank J., M. S. Dimitri, and R. Schmut. Precipitated lignin and products containing same and the production thereof. 3,223,697, 12–14–65, Cl. 260—124.
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Ball, Fred, to Pid Corp. Ribbed cover plate for coating application cylinder. 3,206,353, 9–14–65, Cl. 161—123.
Ball, Gary E., to North American Aviation, Inc. Signal translating circuit for providing isolation between D.C. source and load. 3,197,690, 7–27–65, Cl. 320—1.
Ball, John D., and C. J. Charske, to Esso Production Research Co. Remote line-voltage monitor using the charge on a capacitor to indicate the remote voltage. 3,221,254, 11–30–65, Cl. 324—111.
Ball, Thomas M., to Chrysler Corp. Return flow carburetor. 3,165,561, 1–12–65, Cl. 261—27.
Ball, Thomas M., to Chrysler Corp. Automatic choke for carburetor. 3,190,623, 6–22–65, Cl. 261—39.
Ball, Thomas M., to Chrysler Corp. Return flow carburetor. 3,202,403, 8–24–65, Cl. 261—36.
Ball, Thomas M., to Chrysler Corp. Return flow carburetor. 3,223,392, 12–14–65, Cl. 261—27.
Ballai, Ruth J. Plant support. 3,188,771, 6–15–65, Cl. 47—47.
Ballam, Joseph, and E.-L. Chu, to United States of America, Atomic Energy Commission. Magnetic momentum analyzing slit with current conducting strips secured to the magnetic poles. 3,201,585, 8–17–65, Cl. 250—41.9.
Ballam, Wallace C. Constant velocity governor for hydraulic pipe line dredges. 3,180,040, 4–27–65, Cl. 37—59.
Ballantyne, Earnest R., to Wayne Chemical Co. Floor cleansing device. 3,178,756, 4–20–65, Cl. 15—526.
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Poole, Gean, and Hoff. 3,226,000.
Ballard, Alfred G., to G.K.N. Screws & Fasteners Ltd. Internally threaded insert with rotation preventing means. 3,194,107, 7–13–65, Cl. 85—85.
Ballard, Amos D., to General Electric Co. Hollow power transmission members. 3,194,083, 7–13–65, Cl. 74—431.
Ballard, Arthur H.: *See*—
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Ballard, Arthur H., and B. R. Boymel. Orthogonal polynomial multiplex transmission systems. 3,204,034, 8–31–65, Cl. 179—15.
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Ballard, Clark A. Vehicle back-up alarm device. 3,214,731, 10–26–65, Cl. 340—70.
Ballard, Earcy L. Fly trap. 3,224,145, 12–21–65, Cl. 47—38.1.
Ballard, Henry D., Jr., and O. H. Thomas, to Sinclair Research, Inc. Isomerization of hydronaphthalenes in the presence of an alumina-platinum-boria catalyst. 3,175,014, 3–23–65, Cl. 260—666.
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Ballard, Lyttleton W. Alternator current and voltage control. 3,217,229, 11–9–65, Cl. 320—68.
Ballard, Reginald L., to The Berkshire Printing Co. Ltd. Web tensioning mechanism. 3,219,247, 11–23–65, Cl. 226—195.
Ballard, Thomas V.: *See*—
Gates, John S., Ballard, and Noyes. 3,215,397.
Ballard, William E.: *See*—
Moran, Stephen F., and Ballard. 3,182,115.
Ballass, John T., and B. J. Freedman, to General Dynamics Corp. Welding flux. 3,192,076, 6–29–65, Cl. 148—26.
Ballass, John T., and B. J. Freedman, to General Dynamics Corp. Welding flux. 3,192,077, 6–29–65, Cl. 148—26.
Ballast, Donald E., and J. D. Griffin, to The Dow Chemical Co. Method of foaming a thermoplastic organic polymer containing a nucleating agent and an organic bromide. 3,188,295, 6–8–65, Cl. 260—2.5.
Ballentine, Earle W. Triboelectric generator for ionizing air. 3.201.620, 8–17–65, Cl. 310—7.
Ballato, Arthur D., and R. Bechmann, to United States of America, Army. Piezoelectric crystal element. 3,202,846, 8–24–65, Cl. 310—9.7.
Ballauer, Alb C., to R. J. Enstrom Corp. Helicopter rotor system having elastomeric bearings. 3,200,887, 8–17–65, Cl. 170—160.25.
Ballauf, Albert, W. Blank, D. Glabisch, and M. Wandel, to Farbenfabriken Bayer Aktiengesellschaft. Organic ammonium sulfite ester compounds and method of preparation. 3,168,546, 2–2–65, Cl. 260—456.
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Ballestra, Mario. Method and apparatus for effecting sulfonation. 3,198,849, 8–3–65, Cl. 260—686.
Ballestra, Mario. Apparatus for continuous control of the degree of a reaction between two fluid reagents in which each of the reagents has a specific gravity different from the specific gravity of the reaction product. 3,217,729, 11–16–65, Cl. 137—91.
Ballestra, Mario. Apparatus for continuously separating liquids having different specific gravities. 3,225,936, 12–28–65, Cl. 210—519.
Ballin, Gene. Infant feeding container and cap assembly. 3,219,221, 11–23–65, Cl. 215—11.
Ballinger, John G., to Honeywell Inc. Atmospheric density responsive apparatus. 3,171,962, 3–2–65, Cl. 250—83.3.

Ballinger, Peter, to California Research Corp. Acetylenic lead compounds and gasoline compositions thereof. 3,185,553, 5–25–65, Cl. 44—69.
Ballinger, Peter, to California Research Corp. Preparation of trimethyl lead acetylides. 3,206,490, 9–14–65, Cl. 260—437.
Ballmer, James E., and D. M. Redden, to Bausch & Lomb Inc. Optical instrument with microscope unit and nested tubes for viewing objects in closed chamber. 3,202,048, 8–24–65, Cl. 88—39.
Ballmer, James E., T. W. Bracken, and G. J. Sheldon, to Bausch & Lomb Inc. Fiber bundle manufacturing. 3,205,738, 9–14–65, Cl. 83—13.
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Ballou, Donald K., and J. C. Hendelman, to United Aircraft Corp. Continuous oxide plugging indicator. 3,200,637, 8–17–65, Cl. 73—61.
Ballou, Edward V., and R. T. Barth, to Gulf Research & Development Co. Method and apparatus for determining surface neutralizability of solid materials. 3,222,133, 12–7–65, Cl. 23—230.
Ballou, Harry G., to Superior Concrete Accessories, Inc. Dual anchoring insert for a concrete slab. 3,181,276, 5–4–65, Cl. 50—82.
Ballou, Harry G., to Superior Concrete Accessories, Inc. Dual lag screw anchoring insert for a concrete slab. 3,195,278, 7–20–65, Cl. 50—472.
Ballou, Richard P., to General Motors Corp. Liquid reserve systems. 3,221,800, 12–7–65, Cl. 158—46.5.
Ballu, Vincent P. M. Pump assembly. 3,172,369, 3–9–65, Cl. 103—175.
Balluff, Helmut, to Siebelwerke-ATG G.m.b.H. Method and apparatus for propulsion and directional control of winged aircraft. 3,166,273, 1–19–65, Cl. 244—52.
Balmer, Clifford E., C. A. Brown, M. D. Hurwitz, and J. E. Masterson, to Rohm & Haas Co. Vinyl chloride resins plasticized with copolymers of ethylene and an acrylate. 3,224,996, 12–21–65, Cl. 260—31.8.
Balogh, Andrew M., to J. A. Balogh. Vapor additive carburetor attachment. 3,174,472, 3–23–65, Cl. 123—198.
Balogh, John A.: *See*—
Balogh, Andrew M. 3,174,472.
Balogh, Stephen, and R. M. Wilber, to Parker-Hannifin Corp. Ceramic block filter drier. 3,170,872, 2–23–65, Cl. 210—266.
Balogh, Stephen, to Parker-Hannifin Corp. Filter dryer unit for cleaning sealed refrigerating systems after motor burnouts. 3,175,342, 3–30–65, Cl. 55—316.
Balogh, Stephen, to Parker-Hannifin Corp. Bi-directional filter dryer for reverse cycle heat pumps. 3,178,022, 4–13–65, Cl. 210—136.
Bals, Edward J., to Birfield Engineering Ltd. Spraying equipment. 3,221,993, 12–7–65, Cl. 239—77.
Balston, W. & R., Ltd.: *See*—
Knight, Colin S. 3,226,380.
Baltazzi, Evan, and E. Wilip, to Nalco Chemical Co. Process for the halogenation of leonardite and the product thereof. 3,173,946, 3–16–65, Cl. 260—515.
Baltazzi, Evan, and E. Wilip, to Nalco Chemical Co. Soluble sulfonated leonardite and preparation thereof. 3,174,998, 3–23–65, Cl. 260—507.
Baltensperger, Paul, to Brown, Boveri & Cie, Aktiengesellschaft. Power switch with magnetic blow-out chamber and an adjacent arc chamber having spring-mounted walls within which the switch contacts are located. 3,185,801, 5–25–65, Cl. 200—147.
Baltensperger, Paul, to Brown, Boveri & Cie, Aktiengesellschaft. Load switch with parallel connected capacitors. 3,192,440, 6–29–65, Cl. 317—11.
Balthazor, Bernard E., to Buddy L Corp. Simulated flat tired vehicle. 3,201,897, 8–24–65, Cl. 46—202.
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Facius, Thomas F. 3,198,441.
Baltimore Box Co.: *See*—
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Stegner, Douglass M. 3,217,964.
Baltimore Business Forms, Inc.: *See*—
Grisso, Paul W. 3,179,441.
Baltimore Spice Co., The: *See*—
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Balut, Ralph: *See*—
Balut, Stephen. 3,194,277.
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Balut, Stephen. 3,194,277.
Balut, Stephen, ⅓ to R. and R. R. Balut. Thread feed control for shuttles. 3,194,277, 7–13–65, Cl. 139—213.
Baluteau, Jean-Michel, to Societe d'Optique et de Mecanique de Haute Precision. Camera focusing device for use with photographic and cinematographic cameras. 3,195,432, 7–20–65, Cl. 95—42.
Balz, Louis A. Ice drill sharpener. 3,191,351, 6–29–65, Cl. 51—358.
Balzer and Droll, Schnitt- und Werkzeugbau: *See*—
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Balzer, Vernon W. Reciprocating machinery. 3,212,483, 10–19–65, Cl. 123—41.84.
Bamber, Alwin H.: *See*—
Harrison, Robert H. C., and Bamber. 3,205,771.
Bamberger, James F., and C. E. Harper, to Electro Products Laboratories, Inc. Bistable control devices controlling gates to effect machine control. 3,204,114, 8–31–65, Cl. 307—88.5.
Bamberger, Julien G., to Masco Corp. Catamaran type boats. Re. 25,816, 7–6–65, Cl. 114—62.
Bambra, Allan, to National Gypsum Co. Carton opening device. 3,165,033, 1–12–65, Cl. 93—36.
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Bambury, Ronald E., and M. Sewierski, to American Cyanamid Co. N-benzylation of adenine. 3,213,095, 10–19–65, Cl. 260—252.
Bamford, Donald G., to Massey-Ferguson Inc. Vehicle cowling and hood construction. 3,207,250, 9–21–65, Cl. 180—68.
Bamford, J. C., (Excavators) Ltd.: *See*—
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Bamford, Joseph C., to J. C. Bamford (Excavators) Ltd. Earth moving implements. 3,193,110, 7–6–65, Cl. 212—145.
Bamford, Robert M.: *See*—
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Bamford, William R., to Imperial Chemical Industries Ltd. Preparation of polymers containing silicon, oxygen, and aluminum atoms. 3,186,966, 6–1–65, Cl. 260—46.5.
Bamford, William R., to Imperial Chemical Industries Ltd. Polymeric materials from the reaction of alkali metal aluminate with an aromatic silicon halide. 3,193,514, 7–6–65, Cl. 260—2.
Bamford, William R., to Imperial Chemical Industries Ltd. Process for preparing polymers containing aluminum, oxygen and silicon in the polymeric chain. 3,219,594, 11–23–65, Cl. 260—2.
Ban, Thomas E.: *See*—
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Bancelin, Robert V. Charge for solid propellant rocket. 3,201,936, 8–24–65, Cl. 60—35.6.
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Bancroft, Charles. Helicopter mechanism. 3,188,884, 6–15–65, Cl. 74—665.
Bancroft, Charles. Automatic transmission. 3,215,004, 11–2–65, Cl. 74—766.
Bancroft, Dennison, W. C. Elmore, J. B. Jones, and N. Maropis, to Aeroprojects, Inc. Apparatus and method for introducing high levels of vibratory energy to a work area. 3,166,840, 1–26–65, Cl. 29—470.
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Hushebeck, Henry R. 3,212,928.
Langway, Paul W., and Billings. 3,172,185.
Bancroft, Norman R., to Pye Ltd. Control circuit for electromagnetic couplings. 3,173,041, 3–9–65, Cl. 310—95.
Bancroft, Norman R., to Pye Ltd. Electrical systems for automatically controlling the speed of a body. 3,178,597, 4–13–65, Cl. 310—95.
Bancroft, Norman R., to Pye Ltd. Speed control system. 3,181,017, 4–27–65, Cl. 310—95.
Bancroft, Norman R., to Pye Ltd. Electric alternators including basket windings located in the air gap. 3,182,216, 5–4–65, Cl. 310—168.
Bandel, Alberto: *See*—
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Bandel, Gottfried: *See*—
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Bandelin, Frederick J.: *See*—
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Ruschig, Heinrich, Aumüller, Korger, Wagner, Scholz, and Bander. 3,198,706.
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Banello, Raymond J., Jr. Waterproof covering for visored caps. 3,166,766, 1–26–65, Cl. 2—187.
Banerjea, Tara, and I. C. Eddy, to General American Transportation Corp. Freight transportation systems. 3,220,359, 11–30–65, Cl. 105—366.

Bang, Jens, to General Electric Co. Stereophonic reverberation circuit. 3,200,199, 8–10–65, Cl. 179—1.
Bangert, Richard H., to The Bendix Corp. Crystal controlled oscillator with temperature compensation. 3,200,349, 8–10–65, Cl. 331—116.
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Valentine, William I., and Banham. 3,169,819.
Baniel, Avraham M., S. Lavie, and H. C. Heimann, to Israel Mining Industries-Institute for Research and Development. Process for the manufacture of magnesium phosphates or of salt mixtures containing magnesium phosphates. 3,194,-632, 7–13–65, Cl. 23—105.
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Banister, Ronald K., Johanson, Burley, and Boyce. 3,198,501.
Banister, Ronald K., O. J. Johanson, W. E. Burley, and J. J. Boyce, to Banister Construction (1963) Ltd. Apparatus for heating tubular metal goods. 3,198,501, 8–3–65, Cl. 263—36.
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Benson, Bernard S., and Campbell. 3,218,910.
Campbell, Rouel R., and Auguste. 3,183,810.
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Bankauf, William F.: *See*—
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Banke, Donald W. Cam-operated turning, boring and facing attachment for lathes. 3,212,371, 10–19–65, Cl. 82—19.
Banke, Henry C.: *See*—
Chapman, Howard D., and Banke. 3,174,795.
Banker, Oscar H. Fuel filter. 3,194,401, 7–13–65, Cl. 210—444.
Banker, Oscar H. Selector valve. 3,223,122, 12–14–65, Cl. 137—625.4.
Bankers Box Co.: *See*—
Fellowes, John E. 3,217,372.
Banker's Life & Casualty Co.: *See*—
Potter, James M. 3,190,791.
Bankers Trust Co.: *See*—
Harrison, Stevens H. 3,168,619.
Nyman, William F., Jr., Mason, Noonan, Niederauer, and Livingston. 3,183,770.
Bankert, Willard E. Hydraulic liner for conduits. 3,175,571, 3–30–65, Cl. 137—111.
Banko, Edward J., and F. P. Vultaggio, to L. J. Wing Mfg. Co., Division of Aero-Flow Dynamics, Inc. Air-flow control means. 3,174,422, 3–23–65, Cl. 98—40.
Banks, Alberta L., and O. Banks, Jr. Chance controlled game apparatus. 3,170,697, 2–23–65, Cl. 273—135.
Banks, Charles T., to Kimberly-Clark Corp. Transfer conveyer for a papermaking machine. 3,164,240, 1–5–65, Cl. 198—25.
Banks, Charles T., to Kimberly-Clark Corp. Papermaking machine. 3,199,440, 8–10–65, Cl. 100—153.
Banks, Derek F.: *See*—
Phillips, Eric T. A., Banks, and Kirchel. 3,197,679.
Banks, Harry H. Animal-run device. 3,203,399, 8–31–65, Cl. 119—120.
Banks, John V., and R. F. Falge, to Kaiser Steel Corp. Beam welding apparatus. 3,164,713, 1–5–65, Cl. 219—124.
Banks, Joseph E. Method of forming hollow concrete bodies. 3,192,292, 6–29–65, Cl. 264—32.
Banks, Oliver, Jr.: *See*—
Banks, Alberta L., and O. Banks, Jr. 3,170,697.
Banks, Othniel N., to United Kingdom Atomic Energy Authority. Nuclear reactor core with fuel locking members. 3,164,530, 1–5–65, Cl. 176—87.
Banks, Ronald E.: *See*—
Haszeldine, Robert N., Banks, and Flowers. 3,180,842.
Haszeldine, Robert N., Banks, and McCreath. 3,223,689.
Banks, Ronald E., A. K. Barbour, C. R. Patrick, and J. C. Tatlow, to National Research Development Corp. Thermal isomerization of highly fluorinated-1 : 3 and 1 : 4-hexadienes. 3,197,512, 7–27–65, Cl. 260—648.
Banks, Waldo H., to Draper Corp. Method and apparatus for loading bobbin magazines. 3,210,904, 10–12–65, Cl. 53—35.
Banks, William B., to Automation Products, Inc. Apparatus for determining viscosity of materials. 3,177,705, 4–13–65, Cl. 73—54.
Banks, William B., to Automation Products, Inc. Apparatus for measuring material level. 3,206,979, 9–21–65, Cl. 73—290.
Banks, William F.: *See*—
Weisner, Edward F., Churchill, and Banks. 3,186,913.
Bankston, Lester T., to United States of America, Navy. Secondary fluid injection thrust vectoring methods and apparatus. 3,221,498, 12–7–65, Cl. 60—35.54.
Banner, Joseph: *See*—
Mock, Donald E., and Banner. 3,177,986.
Banner Metals, Inc.: *See*—
Wilson, James D. 3,219,232.
Bannerman, Norman G., to British Insulated Callender's Cables Ltd. Method of attaching fittings to rods or tubes of resin-bonded fibre. 3,192,622, 7–6–65, Cl. 29—517.
Banning, Thomas A., Jr. Multiple supply balanced valve, pressure reducing valves, and the like. 3,217,730, 11–16–65, Cl. 137—98.
Banning, Thomas A., Jr. Instruments for controlling operations, to ensure optimum operating conditions of such operations. 3,221,759, 12–7–65, Cl. 137—18.
Banning, Thomas A., Jr. Pre-pay or subscription radio or television operations. 3,222,452, 12–7–65, Cl. 178—5.2.
Banning, Thomas A., Jr., and E. L. Ranseen, deceased (by A. J. Ranseen, executrix); said A. J. Ranseen, assor. to said Banning, as trustee. Wide band recording system. 3,164,-685, 1–5–65, Cl. 179—100.11.
Banning, Thomas A., Jr., and E. L. Ranseen, deceased (by A. J. Ranseen, executrix); said A. J. Ranseen assor. to said Banning. Magnetizable tape and the like, for signal carriers. 3,186,707, 6–1–65, Cl. 274—41.4.
Banning, Thomas A., Jr., and E. L. Ranseen, deceased (by A. J. Ranseen, executrix); said A. J. Ranseen assor. to said Banning. Tape recording and translation, and the like. 3,221,336, 11–30–65, Cl. 346—74.
Banning, Thomas A., Jr., and E. L. Ranseen, deceased (by A. J. Ranseen, executrix); said A. J. Ranseen, assor. to said Banning. Deflectable beam scanning units, and the like. 3,222,680, 12–7–65, Cl. 346—74.
Bannister, Brian: *See*—
Argoudelis, Alexander D., and Bannister. 3,203,986.
Argoudelis, Alexander D., and Bannister. 3,207,780.
Bannister, Brian, to The Upjohn Co. Process for 14α-methyl-11-ketoprogesterone and intermediates therefor. 3,166,550, 1–19–65, Cl. 260—239.55.
Bannister, Clyde E. Fluid motor. 3,183,787, 5–18–65, Cl. 91—266.
Bannon, Thomas W.: *See*—
Johansen, Einar K., and Bannon. 3,190,464.
Banse, George, to National Mfg. Co. Display devices. 3,200,-960, 8–17–65, Cl. 211—59.
Banse, George, to National Mfg. Co. Livestock pen structures. 3,203,033, 8–31–65, Cl. 16—176.
Banta, Paul R. and V. R. Fishing apparatus. 3,205,606, 9–14–65, Cl. 43—15.
Banta, Vester R.: *See*—
Banta, Paul R. and V. R. 3,205,606.
Bantam Bearings Division, The Torrington Co.: *See*—
Toth, Leo A. 3,180,016.
Bantam Enterprises, Inc.: *See*—
Pavlic, John G. 3,207,685.
Banti, Giuseppe, to Compagnie de Saint-Gobain. Apparatus for surfacing glass. 3,200,541, 8–17–65, Cl. 51—112.
Banyas, John D., to Owens-Illinois Glass Co. Article transfer apparatus. 3,175,702, 3–30–65, Cl. 214—1.
Banzato, Candido. Fire protecting system. 3,179,181, 4–20–65, Cl. 169—13.
Banzet, Christian, to General Motors Corp. Flexible door seal. 3,179,987, 4–27–65, Cl. 20—35.
Bänziger, Ernst. Apparatus for producing whipped cream. 3,226,100, 12–28–65, Cl. 261—140.
Bapseres, Pierre, and C. Nicolaides, to Societe Nationale des Petroles d'Aquitaine. Method for producing oximes. 3,185,-732, 5–25–65, Cl. 260—566.
Bapseres, Pierre, P. de la Bruniere, B. Andouze, and C. Nicolaides, to Societe Nationale des Petroles d'Aquitaine. Method for the preparation of alkyl mercaptans. 3,207,-793, 9–21–65, Cl. 260—609.
Baptist, James N., to W. R. Grace & Co. Purification of gas with soil microorganisms. 3,216,905, 11–9–65, Cl. 195—2.
Baptist, James N., and F. X. Werber, to W. R. Grace & Co. Plasticized poly-beta-hydroxy butyric acid and process. 3,182,036, 5–4–65, Cl. 260—32.4.
Baptist, James N., and J. B. Ziegler, to W. R. Grace & Co. Method of making absorbable surgical sutures from poly beta hydroxy acids. 3,225,766, 12–28–65, Cl. 128—335.5.
Baptist, James N., P. R. Steyermark, and P. L. Veltman, to W. R. Grace & Co. Microbiocides in hydrocarbon fuel compositions. 3,226,210, 12–28–65, Cl. 44—66.
Bar, Meyer, to North American Aviation, Inc. Correlation pattern recognition apparatus. 3,217,295, 11–9–65, Cl. 340—164.3.
Bar, Rudolf. Multiple-stage steam turbine. 3,202,399, 8–24–65, Cl. 253—86.
Barabutes, Theodore, to Westinghouse Electric Corp. Shock-resistant structure. 3,195,016, 7–13–65, Cl. 317—99.
Barabutes, Theodore, and B. E. Lenehan, to Westinghouse Electric Corp. Hall-effect devices utilizing transformer phase control means. 3,189,815, 6–15–65, Cl. 323—120.
Barach, Alvan L. Gas tubed furniture apparatus for administering inhalation therapy. 3,176,687, 4–6–65, Cl. 128—203.
Baracket, Albert J., to Diamond Power Specialty Corp. Derivation of twice line frequency from sub-carrier generator. 3,170,036, 2–16–65, Cl. 178—69.5.
Baracket, Albert J., to Diamond Power Specialty Corp. Transistor-regulated power supply. 3,192,467, 6–29–65, Cl. 323—22.
Baracket, Albert J., to Diamond Power Specialty Corp. Frequency divider employing receptacles having preset frequency ratio connections for standard frequency plug-in units. 3,202,837, 8–24–65, Cl. 307—88.5.
Baracket, Albert J., to Diamond Power Specialty Corp. Light source of controllable intensity. 3,204,091, 8–31–65, Cl. 240—20.
Baracos, Nick, and F. Rosky, to Ford Motor Co. Antiharshness independent front wheel suspension system. 3,181,-885, 5–4–65, Cl. 280—124.

Barakat, Dlawar: *See*—
Monnier, Robert, and Barakat. 3,219,561.
Barakauskas, Edward J., to United States of America, Navy. Missile ejection method and apparatus. 3,182,554, 5–11–65, Cl. 89—1.7.
Barakauskas, Edward J., to United States of America, Navy. Water injection for ejection performance boost. 3,183,904, 5–18–65, Cl. 124—11.
Barall, Karl, and W. Wilkenloh, to Rheinstahl Wanhein G.m.b.H. Composite cap for mine roof supports. 3,218,-811, 11–23–65, Cl. 61—45.
Baran, John S., to G. D. Searle & Co. 19-norcard-20(22)-enolides, derivatives thereof, and intermediates thereto. 3,194,804, 7–13–65, Cl. 260—239.57.
Baran, John S., to G. D. Searle & Co. Lower alkanoyl esters of 11-oxygenated androst-4-ene-3β,17β-diols and intermediates thereto. 3,210,392, 10–5–65, Cl. 260—397.45.
Baran, Joseph G., and A. E. Feinberg, to Advance Transformer Co. Ballast disconnect device having a coating of flux material. 3,168,632, 2–2–65, Cl. 200—131.
Baran, Joseph G., and A. E. Feinberg, to Advance Transformer Co. Thermally operated electrical disconnect device. 3,198,914, 8–3–65, Cl. 200—142.
Baran, Ostap E. Double-wall endotracheal cuff. 3,173,418, 3–16–65, Cl. 128—351.
Baranauckas, Charles F., and S. Gelfand, to Hooker Chemical Corp. Process for fluorinating chlorofluorocyclopentenes. 3,178,482, 4–13–65, Cl. 260—648.
Baranauckas, Charles F., R. L. K. Carr, and J. J. Hodan, to Hooker Chemical Corp. Process for the preparation and recovery of trimethyl phosphite and derivatives thereof. 3,184,495, 5–18–65, Cl. 260—461.
Baranauckas, Charles F., R. L. K. Carr, and J. J. Hodan, to Hooker Chemical Corp. Process for the preparation and recovery of triethyl phosphite and derivatives thereof. 3,184,496, 5–18–65, Cl. 260—461.
Baranauckas, Charles F., and R. L. K. Carr, to Hooker Chemical Corp. Process for removing non-terminal halogens from saturated perhalocarbons. 3,192,274, 6–29–65, Cl. 260—653.5.
Baranauckas, Charles F., and R. L. K. Carr, to Hooker Chemical Corp. Process for chlorinating a non-terminal carbon atom of unsaturated perhalocarbons. 3,193,587, 7–6–65, Cl. 260—468.
Baranauckas, Charles F., and R. L. K. Carr, to Hooker Chemical Corp. Process for fluorinating a non-terminal carbon atom in saturated perhalocarbons. 3,193,589, 7–6–65, Cl. 260—653.7.
Baranauckas, Charles F., and S. Gelfand, to Hooker Chemical Corp. Halogen saturation of non-terminal double bond. 3,215,748, 11–2–65, Cl. 260—653.7.
Baranow, Sanford, and R. C. Lever, to United States of America, Atomic Energy Commission. Coating for columbium. 3,216,851, 11–9–65, Cl. 117—414.
Baranowski, Frank, Jr., to General Electric Co. Control mechanism. 3,213,708, 10–26–65, Cl. 74—625.
Baranowski, Leslie B.: *See*—
Topol, George J., and Baranowski. 3,223,244.
Baranov, Wladimir, to Compagnie Generale de Geophysique. Methods and means for analyzing and examining seismic records. 3,209,318, 9–28–65, Cl. 340—15.5.
Barany, Janos T.: *See*—
Gabor, Andrew, and Barany. 3,188,498.
Baranyl, Sandor J. Combined writing implement and slide rule. 3,202,351, 8–24–65, Cl. 235—79.5.
Barassi, Carlo, and G. Cappa, to Pirelli S.p.A. Removable tread tires. 3,224,482, 12–21–65, Cl. 152—176.
Baratossy, Jeno: *See*—
Svingor, Jeno, Baratossy, Hadik, Schlosser, Varga, and Zatonyi. 3,206,666.
Baraut, Marcel J.: *See*—
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Barba, William G., to U.S. Divers Co., Inc. Portable vacuum apparatus for rapid collection and disposal of debris-laden liquid. 3,165,774, 1–19–65, Cl. 15—323.
Barbagallo, Charles J., and A. J. Deerfield, to Honeywell, Inc. Variable web feed control means in selective printing machines. 3,174,610, 3–23–65, Cl. 197—133.
Barbanson, Edouard, to Carlisle Chemical Works, Inc. Organotin mercapto compounds. 3,183,238, 5–11–65, Cl. 260—299.
Barbaro, Ernest P., to Westinghouse Electric Corp. Process for treating semiconductor devices. 3,209,428, 10–5–65, Cl. 29—25.3.
Barbeau, Raymond A., to International Business Machines Corp. Record transmission system. 3,218,608, 11–16–65, Cl. 340—146.1.
Barbeau, Raymond A., J. H. Fagut, D. O. Johnson, Jr., and E. S. Pearson, to International Business Machines Corp. Digital tape drive system. 3,225,990, 12–28–65, Cl. 226—51.
Barbee, Clyde T. Minnow tongs. 3,201,888, 8–24–65, Cl. 43—4.
Barbensi, Carlo: *See*—
Zanaboni, Piero, and Barbensi. 3,218,299.
Barber, Arthur L., Jr.: *See*—
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Barber, Brian K., to The British Oxygen Co. Ltd. Metal severing apparatus. 3,220,293, 11–30–65, Cl. 83—345.
Barber, Clifford C., to National Research Development Corp. Photo-electric tracking devices. 3,180,993, 4–27–65, Cl. 250—202.
Barber-Colman Co.: *See*—
Dilling, George R. 3,173,622.
Eksten, Dennis G., and Ohlson. 3,219,936.
Kennedy, Walter W. Re. 25,729.
Kennedy, Walter W. 3,177,797.
Kennedy, Walter W. 3,186,329.
Kennedy, Walter W. 3,218,770.
Livingston, Richard D. 3,182,925.
Livingston, Richard D. 3,190,147.
Means, William A. 3,207,307.
Monks, Victor G. 3,204,170.
Ohlson, Gunnar F. 3,221,257.
Pettit, Genn A. 3,211,001.
Swanson, Eugene S., Livingston, Means, and Floden. 3,190,139.
Barber, Edgar A., and B. G. Witte, to Newaygo Engineering Co. Switch for pneumatic conveyors. 3,174,806, 3–23–65, Cl. 302—28.
Barber, Edward G.: *See*—
Roper, Alec N., and Barber. 3,224,984.
Barber, Edwin J., and C. E. Maag, to Hercules Powder Co. Reaction product of dialdehyde with starch ether in paper. 3,219,518, 11–23–65, Cl. 162—175.
Barber, Edwin J., R. H. Earle, Jr., and G. C. Harris, to Hercules Powder Co. Starch ethers in paper. 3,219,519, 11–23–65, Cl. 162—175.
Barber, Forest C., and J. R. Smith, to S. B. Power Surgical Tools Co. Bone cutting apparatus. 3,223,088, 12–14–65, Cl. 128—310.
Barber, Franklin T., and R. G. Wallace, to Phillips Petroleum Co. Filter air conditioning. 3,200,105, 8–10–65, Cl. 260—94.9.
Barber, Gerald L. Amusement ride. 3,176,983, 4–6–65, Cl. 272—29.
Barber-Greene Co.: *See*—
Archer, Fred C., and Lohr. 3,166,259.
Rumpel, Harvey H. 3,201,053.
Rumpel, Harvey H. 3,204,883.
Barber, Ira J., to Radcor, Inc. Infrared heating assembly. 3,217,139, 11–9–65, Cl. 219—347.
Barber, James C., G. H. Megar, and T. S. Sloan, to Tennessee Valley Authority. Method of briquetting. 3,202,744, 8–24–65, Cl. 264—109.
Barber, James R. and J. Transport box and unloading conveyor for granular materials. 3,179,273, 4–20–65, Cl. 214—522.
Barber, Jesse: *See*—
Barber, James R. and J. 3,179,273.
Barber, Merrill H.: *See*—
Slack, Cornelius W., Goddu, and Barber. 3,187,469.
Barber, Ralph F., to Miller Wrapping & Sealing Machine Co. Stacker. 3,201,116, 8–17–65, Cl. 271—79.
Barber, Ronald O., W. G. Runyan, D. L. Nelson, and J. A. Rodaer, to General Motors Corp. Three-phase transistorized oscillator power supply. 3,177,420, 4–6–65, Cl. 321—5.
Barber S. Morgan. Material dispensing apparatus. 3,204,832, 9–7–65, Cl. 222—196.
Barbera, Frank B., and W. A. Sugden, to General Electric Co. Document feeding system. 3,198,514, 8–3–65, Cl. 271—12.
Barberton Plastics Products, Inc.: *See*—
Miller, Russell B. 3,169,756.
Barbier, Jean, and J.-P. Fauchille, to Eastman Kodak Co. Stability of rapid-processed photographic materials. 3,212,-895, 10–19–65, Cl. 96—61.
Barbier, William J.: *See*—
Kemp, Willard E., and Barbier. 3,194,420.
Kemp, Willard E., and Barbier. 3,215,473.
Barbier, William J., to Alco Valve Co. Constant horsepower control valve. 3,196,630, 7–27–65, Cl. 62—197.
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Alexander, James H., Barbieri, and Diz. 3,212,088.
Barbieri, Nicholas A., to Uncas Mfg. Co. Locking mechanism for ring display device. 3,204,774, 9–7–65, Cl. 211—4.
Barbin, Robert L.: *See*—
Obert, Maximilian J., and Barbin. 3,169,207.
Barbou, Jacques, to Societe Davum Villeneuve-La-Garenne. Manufacturing lattice frames. 3,192,963, 7–6–65, Cl. 140—112.
Barbour, Anthony K.: *See*—
Banks, Ronald E., Barbour, Patrick, and Tatlow. 3,197,-512.
Barbour Corp.: *See*—
Greene, Percy. 3,167,795.
Barbour, Fenner S.: *See*—
Worthen, Eugene P., and Barbour. 3,174,914.
Barbour, Marshall S., to Oxford Paper Co. Transfer sheet and process of making. 3,170,809, 2–23–65, Cl. 117—36.4.
Barbour, Richard T. Attachment for drinking canned beverages. 3,185,341, 5–25–65, Cl. 220—90.6.
Barbour Welting Co., Inc.: *See*—
Shea, Francis L. 3,204,349.
Shea, Francis L. 3,204,350.
Shea, Francis L. 3,204,351.
Barbre, Charles O., to Celanese Corp. of America. Method of trimming sheet material. 3,199,755, 8–10–65, Cl. 225—3.
Barch, Herbert W.: *See*—
Malobicky, Rudolph L., and Barch. 3,168,391.
Malobicky, Rudolph L., Barch, Kelly, and Valchar. 3,220,817.
Barch, Herbert W., J. D. Kelly, and R. L. Malobicky, to Pittsburgh Plate Glass Co. Method and apparatus for supporting glass sheets. 3,220,818, 11–30–65, Cl. 65—106.

Barch, John J., and W. M. Kraft, to Heyden Newport Chemical Corp. Esters and compositions containing same. 3,223,-637, 12–14–65, Cl. 252—56.

Barcia, Casper L., and H. A. Khoury, to International Business Machines Corp. Hydrostatic film disc stabilizer and spacer. 3,166,997, 1–26–65, Cl. 95—44.

Barcia, Casper L., and H. A. Khoury, to International Business Machines Corp. Ejector device. 3,174,645, 3–23–65, Cl. 221—88.

Barclay, Kenneth M., and H. G. Boccking, to Chemical Construction Corp. Sulfur spray gun. 3,172,735, 3–9–65, Cl. 23—278.

Barclay, Ralph G.: *See*—
Warren, Raymond W., Barclay, and Moorhead. 3,225,-780.

Barcus, Edward L., to General Motors Corp. Switch construction. 3,175,067, 3–23–65, Cl. 200—166.

Barcus, Edward L., and H. I. Slone, to General Motors Corp. Center biased actuator switch mechanism. 3,198,892, 8–3–65, Cl. 200—6.

Barcus, Edward L., and D. P. Clayton, to General Motors Corp. Directional signal switch with flexible switch contact structure. 3,200,212, 8–10–65, Cl. 200—61.34.

Barcus, Lawrence G. and W. R. Collapsible mandrel for hollow piles. 3,167,924, 2–2–65, Cl. 61—53.72.

Barcus, Lawrence G. and W. R. Expandable mandrel for hollow piles. 3,220,195, 11–30–65, Cl. 61—53.72.

Barcus, William R.: *See*—
Barcus, Lawrence G. and W. R. 3,167,924.
Barcus, Lawrence G. and W. R. 3,220,195.

Bard, Albert L., and W. B. Weed, to Armco Steel Corp. Treated grinding rods. 3,170,641, 2–23–65, Cl. 241—184.

Bard, Alphonse, to Societe du Carburateur Zenith. Safety device for pressurized-fluid dispensing installations. 3,171,-432, 3–2–65, Cl. 137—460.

Bard, C. R., Inc.: *See*—
Disston, Hamilton S. 3,166,189.
Towns, Edward J. 3,164,279.

Bard, Charleton C.: *See*—
Baden, Harry C., and Bard. 3,220,849.

Bard, Charleton C., and G. P. Varlan, to Eastman Kodak Co. Color-forming photographic process utilizing a bleach-fix followed by a bleach. 3,189,452, 6–15–65, Cl. 96—55.

Bard, George. Cylinder enclosed ball sliding game piece. 3,206,210, 9–14–65, Cl. 273—128.

Barden, John W. Controllable pitch propeller hydraulic locking device. 3,219,121, 11–23–65, Cl. 170—160.31.

Barden, Wayne A., and J. D. Van Benthuysen, to CTS Corp. Snap action pull-push type electric switch. 3,196,230, 7–20–65, Cl. 200—76.

Barden, Wayne A., and S. O. Bender, to CTS Corp. Apparatus for operating an electric switch. 3,198,920, 8–3–65, Cl. 200—153.

Barden, Wayne A., and M. B. Arisman, to CTS Corp. Electric switch. 3,200,657, 8–17–65, Cl. 74—99.

Bardenhagen, Dietrich, to Hauni-Werke Korber & Co. K.G. Orbital cutter carrier with cutter oscillated by rotation of carrier and tool sharpening means in path of cutter movement. 3,176,560, 4–6–65, Cl. 83—174.

Bardenhagen, Dietrich, to Hauni Werke Korber & Co. KG. Knife mounting for cigarette rod cutters. 3,215,178, 11–2–65, Cl. 146—95.

Bardenhagen, Dietrich, and H. G. Niemann, to Hauni Werke Korber & Co., KG. Cutting mechanism for rod-making machines. 3,168,848, 2–9–65, Cl. 83—174.

Bardin, Jacques, and D.-A. Fleury, to Societe Anonyme Lampe Norma Societe "Auto-Lampe." Car head lamp. 3,191,024, 6–22–65. Cl. 240—41.35.

Barditch, Irving F.: *See*—
Bento, Robert, Barditch, and Rachal. 3,189,829.
Donovan, Robert P., Barditch, and Kuckes. 3,212,020.
Freeman, William, Barditch, and Rachal. 3,206,620.

Barditch, Irving F., C. G. Brooks, and R. G. Lascola, to Westinghouse Electric Corp. Wide band signal source system. 3,195,070, 7–13–65, Cl. 331—52.

Barditch, Irving F., R. Bento, and W. Freeman, to Westinghouse Electric Corp. Low insertion loss unilateralization structure. 3,204,192, 8–31–65, Cl. 330—27.

Barditch, Irving F., R. P. Donovan, and R. Bento, to Westinghouse Electric Corp. Semiconductor multisection R-C filter of tapered monolithic construction having progressively varied values of impedance per section. 3,195,077, 7–13–65, Cl. 333—70.

Bardócz, Arpád. Electronically controlled spectroscopic low voltage spark source and interrupted arc source. 3,195,014, 7–13–65, Cl. 315—232.

Bardocz, Arpad. Spectroscopic low voltage spark source and interrupted arc source. 3,202,874, 8–24–65, Cl. 315—232.

Bardoneschi, Roland: *See*—
Muller, Georges, and Bardoneschi. 3,180,865.
Muller, Georges, Allais, and Bardoneschi. 3,218,325.

Bardos, Thomas J., and Z. F. Chmielewicz, to Armour Pharmaceutical Company. Lipid soluble anti-folic material and method of preparing same. 3,184,449, 5–18–65, Cl. 260—239.5.

Bardos, Thomas J., and Z. B. Papanastassiou, to Armour Pharmaceutical Co. Inhibition of cellular reproduction. 3,201,313, 8–17–65, Cl. 167—78.

Bardwell, Allen E., to Trident Industries, Inc. Percussion hammer drill. 3,215,212, 11–2–65, Cl. 175—299.

Bard-Parker Co., Inc.: *See*—
Benedict, John H. 3,212,187.
Birch, Richard W. 3,203,597.

Bardy, Oscar A. Hygienic receptacle for undergarments. 3,212,500, 10–19–65, Cl. 128—295.

Barecki, Chester J.: *See*—
Nordmark, Walter E., and Barecki. 3,206,771.

Bareis, Marvin A., to Hawthorn Co. Division of Kellwood Co. Umbrella tent frame. 3,181,542, 5–4–65, Cl. 135—4.

Bar-Eli, Estelle (Atara): *See*—
Katchalski, Efrain, and Bar-Eli. 3,167,485.

Barengoltz, Bernard A., to McGraw-Edison Co. Oil gauge with testing facility. 3,181,342, 5–4–65, Cl. 73—1.

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Barenyi, Bela, to Daimler-Benz Aktiengesellschaft. Spring arrangement. 3,190,632, 6–22–65, Cl. 267—1.

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Barkan, Philip, and E. H. Bogert, to General Electric Co. Current-limiting electric circuit interrupter of the fluid blast type. 3,183,330, 5–11–65, Cl. 200—150.
Barkan, Philip, and J. A. Oppel, to General Electric Co. Electric circuit breaker having an auxiliary switch with an oscillation damping latch. 3,211,868, 10–12–65, Cl. 200—146.
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Barkemeyer, Henry R., W. J. McAleer, and P. I. Pollak, to Merck & Co., Inc. Critical cooling rate in vapor deposition process to form bladelike semiconductor compound crystals. 3,206,406, 9–14–65, Cl. 252—62.3.
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Barnes, John V., to Ford Motor Co. Automatic brake adjustor. 3,181,655, 5–4–65, Cl. 188—79.5.
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Barnes, Lell E., to Curtiss-Wright Corp. Mechanical amplifier. 3,171,291, 3–2–65, Cl. 74—388.
Barnes, Llewellyn T., ⅓ to C. T. Barnes, and ⅓ to J. F. Woog. Trimmer capacitor. 3,166,695, 1–19–65, Cl. 317—249.
Barnes, Llewellyn T., ⅓ to C. T. Barnes, and ⅓ to J. F. Wong. Trimmer capacitor. 3,193,742, 7–6–65, Cl. 317—249.
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Barnes, Marion L. Lift truck attachment for handling a plurality of cylindrical loads. 3,209,933, 10–5–65, Cl. 214—650.
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Barnes, Marion W., to Universal Oil Products Co. Carbon monoxide burner apparatus. 3,194,215, 7–13–65, Cl. 122—235.
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Barnett, Charles H., to The Foundry Equipment Co. Method for conditioning ingot mould molds and the like. 3,206,812, 9–21–65, Cl. 22—200.
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Barney, Harold L., deceased (by S. E. Barney, executrix), to Bell Telephone Laboratories, Inc. Echo suppressor for circuit with long delay. 3,206,559, 9–14–65, Cl. 179—170.2.
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Barocca, Aldo J., to Commercial Solvents Corp. Blasting caps. 3,182,592, 5–11–65, Cl. 102—28.
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Baron, Bert and D., to Apex Automatic Devices Corp. Pleating machine. 3,204,837, 9–7–65, Cl. 223—34.

Baron, David H. Hopping figure toy. 3,205,615, 9–14–65, Cl. 46—129.
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Baron, Hans R., to Agfa Aktiengesellschaft. Structure for controlling the light which reaches a photosensitive element of a camera. 3,185,052, 5–25–65, Cl. 95—10.
Baron, Paul L., R. W. Hamaker, and A. T. Romeo, to International Business Machines Corp. Semiconductor device. 3,181,979, 5–4–65, Cl. 148—33.1.
Baron, Paul L., U. Cocca, and R. W. Hamaker, to International Business Machines Corp. Tunnel diode and process therefor. 3,207,635, 9–21–65, Cl. 148—1.5.
Baron, Robert C., and T. P. Bothwell, to Computer Control Co., Inc. Emitter follower amplifier. 3,172,051, 3–2–65, Cl. 330—17.
Baron, Robert C., and G. J. Flynn, to Computer Control Co., Inc. Electronic switching device. 3,211,928, 10–12–65, Cl. 307—88.5.
Baron, Robert R. Container closure means. 3,208,617, 9–28–65, Cl. 215—40.
Baron, Ronald, to Somerville Industries Ltd. Plastic drinking cups. 3,194,468, 7–13–65, Cl. 229—1.5.
Baron van Slingelandt, Jan A., to Scheepsbouwwerf Gebr. Pot, N.V. Trawler. 3,205,845, 9–14–65, Cl. 114—.5.
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Barothy, Charles F. Screw dowel. 3,178,984, 4–20–65, Cl. 83—637.
Barotz, Peter, to P.G. Products Mfg. Co., Inc. Pump. 3,172,364, 3–9–65, Cl. 103—87.
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Barr, Arthur C. Disposable infant feeding package. 3,194,424, 7–13–65, Cl. 215—11.
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Barr, Bruce E. Safety locking device for pump type magazine firearms. 3,208,177, 9–28–65, Cl. 42—70.
Barr, Charles R., to Eastman Kodak Co. Non-silver color light sensitive photographic elements and method of using same. 3,192,045, 6–29–65, Cl. 96—48.
Barr, Edward J., to McCulloch Corp. Pressure carburetor. 3,174,730, 3–23–65, Cl. 261—65.
Barr, Edward J., to McCulloch Corp. Charge forming device. 3,201,096, 8–17–65, Cl. 261—41.
Barr, Ellis V., to Laughter Corp. Fluid driven and controlled tapping unit. 3,200,426, 8–17–65, Cl. 10—136.
Barr, Frank T., and K. Cohen, to Esso Research and Engineering Co. Apparatus for producing heat and power by the application of nuclear fission. 3,205,138, 9–7–65, Cl. 176—18.
Barr, Gaitskill S., to General Motors Corp. Cowl drain controller. 3,205,808, 9–14–65, Cl. 98—2.
Barr, Harold N., to Martin-Marietta Corp. Method of making a fibrous fissionable member. 3,177,578, 4–13–65, Cl. 29—474.3.
Barr, Harold N., to D. Peterson, to Martin-Marietta Corp. Liquid fluidized bed nuclear reactor and method for reducing particle abrasion therein. 3,202,581, 8–24–65, Cl. 176—46.
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Morrow, Alfred C., and Barr. 3,196,476.
Barr, Irwin R., to Aircraft Armaments, Inc. Ball bearing. 3,224,821, 12–21–65, Cl. 308—187.2.
Barr, Irwin R., to United States of America, Army. Multipackage launcher. 3,225,654, 12–28–65, Cl. 89—1.5.
Barr, James A., Jr., C. H. Greene, and C. G. Olsen, to Chemical Cleaning, Inc. Phosphate recovery apparatus. 3,202,365, 8–24–65, Cl. 241—42.
Barr, James A., Jr., C. H. Greene, and C. G. Olsen, to W. R. Grace & Co. Phosphate recovery process. 3,204,877, 9–7–65, Cl. 241—1.
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Barr, Thomas R., to United States Gypsum Co. Control joint for building construction. 3,192,577, 7–6–65, Cl. 20—92.
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Barr, William H. Calibrated air duct valve. 3,183,930, 5–18–65, Cl. 137—610.
Barr, William L., and A. L. Gardner, to United States of America, Atomic Energy Commission. Angled plate scanning interferometer. 3,217,591, 11–16–65, Cl. 88—14.
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Barradell-Smith, Richard, and F. W. Silverwood, to Pilkington Brothers Ltd. Manufacture of flat glass. 3,223,503, 12–14–65, Cl. 65—99.
Barradell-Smith, Richard, and F. W. Silverwood, to Pilkington Brothers Ltd. Apparatus for the manufacture of flat glass. 3,223,509, 12–14–65, Cl. 65—182.
Barrass, Robert, and G. M. Edge, to Pye Ltd. Automatic attenuation control diode circuit for operating a peak meter. 3,212,003, 10–12–65, Cl. 324—119.
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Barrera, Salvatore E., to Muskin Mfg. Co., Inc. Sectional above ground swimming pool construction. 3,225,362, 12–28–65, Cl. 4—172.
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Barrett, Arthur M., Jr., to Barrett Electronics Corp. Battery charging system for vehicles. 3,169,733, 2–16–65, Cl. 246—30.
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Barrett, David M., and M. Hura, to Picker X-Ray Corp., Waite Mfg. Division, Inc. Spot filmer with radiation shield. 3,173,009, 3–9–65, Cl. 250—66.
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Barrett, Donald L., to The Goodyear Tire & Rubber Co. Airplane tire. 3,225,812, 12–28–65, Cl. 152—361.
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Barrett, Fred O., and C. G. Goebel, to Emery Industries, Inc. Hydrogenation process for removing oxygenated impurities. 3,207,784, 9–21–65, Cl. 260—537.
Barrett, George F., to The Kamphausen Co. Tensioning device. 3,193,252, 7–6–65, Cl. 254—51.
Barrett, Gerald R., and A. F. Harris, to Monsanto Chemical Co. Process for polymerizing styrene. 3,222,341, 12–7–65, Cl. 260—93.5.
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Barrett, James W. Safety device for water skis and the like. 3,212,113, 10–19–65, Cl. 9—310.
Barrett, Lawrence D., N. E. Merrell, V. S. Mosinskis, and P. Ruttkay, to The Boeing Co. Blade folding machanism. 3,187,818, 6–8–65, Cl. 170—160.12.
Barrett, Maurice L., Jr., to Shell Oil Co. Proving flowmeters. 3,224,247, 12–21–65, Cl. 73—3.
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Barrett, Robert L., to Western Electric Co., Inc. Fixture for clamping articles to a strip for subsequent bonding. 3,185,469, 5–25–65, Cl. 269—74.
Barrett, Wayne T., to W. R. Grace & Co. Organo-phosphorus compounds. 3,226,425, 12–28–65, Cl. 260—465.8.
Barrett, Wayne T., M. G. Sanchez, and M. C. Vanik, to W. R. Grace & Co. Sols of actinide metal oxides. 3,164,554, 1–5–65, Cl. 252—301.1.
Barrett, William A. Jr., to Bell Telephone Laboratories, Inc. Magnetic analog-to-digital encoder. 3,187,324, 6–1–65, Cl. 340—347.
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Barrett, William G., and G. E. Koch, to Bell Telephone Laboratories, Inc. Selective service observing circuit. 3,188,401, 6–8–65, Cl. 179—175.2.
Barrett, William K., to Dynamics Corp. of America. Ruggedized mount for low frequency crystals. 3,176,168, 3–30–65, Cl. 310—9.4.

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Barron, Lee H. Diamond coated endless band and wire saw blades of beryllium-cobalt-copper alloy. 3,199,254, 8–10–65, Cl. 51—309.
Barron, William J., to Graphic Electronics, Inc. Thrust bearing means for electronic engraving machines. 3,183,745, 5–18–65, Cl. 82—11.
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Barrons, Keith C., to The Dow Chemical Co. Plant protection device and method. 3,218,759, 11–23–65. Cl. 47—30.
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Barry, Leonard D. Automatic holding device. 3,164,406, 1–5–65, Cl. 294—88.
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Barry, Leonard D. Automatic farming system. 3,186,493, 6–1–65, Cl. 172—26.
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Bartelink, Everhard H. B. Friction measuring apparatus. 3,195,342, 7–20–65, Cl. 73—9.
Bartell, Charles, to Johnson & Johnson. Process for producing a pressure-sensitive adhesive tape having a paper backing unified with an elastomeric polyurethane. 3,197,330, 7–27–65, Cl. 117—122.
Bartels, Fred L., to Research Products Corp. Method of attaching frames to air filters and the like. 3,168,917, 2–9–65, Cl. 153—1.
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Barth, John R., J. P. Pelmulder, and E. Thuse, to FMC Corp. Low pressure carrier gas sublimation. 3,218,728, 11–23–65, Cl. 34—5.
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Barthel, Karl, to Schnellpressenfabrik Aktiengesellschaft Heidelberg. Sheet feed device. 3,206,194, 9–14–65, Cl. 271—50.
Barthelemy, Max, to Societe Parisienne d'Expansion Chimique S.P.E.C.I.A. Apparatus for dispensing doses of pulverulent material. 3,168,121, 2–2–65, Cl. 141—141.
Barthez, Jean, to CSF-Compagnie Generale de Telegraphie Sans Fil. Radiating slot ridged waveguides. 3,224,004, 12–14–65, Cl. 343—771.
Bartholet, Emil J., to A. P. Smith Mfg. Co. Valve structure. 3,193,249, 7–6–65, Cl. 251—327.
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Bartlett, Jeffrey H., S. B. Lippincott, and L. A. Mikeska, to Esso Research and Engineering Co. Cyclo-organo compounds of phosphorus. 3,192,162, 6–29–65, Cl. 252—46.6.
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Bartlett, Roscoe G., Jr. Oxygen supply system. 3,200,816, 8–17–65, Cl. 128—142.
Bartlett, Roscoe G., Jr. Compact walk-around rebreathing device. 3,208,449, 9–28–65, Cl. 128—29.
Bartlett, Roscoe G., Jr. Apparatus for use in mouth-to-mouth resuscitation. 3,219,030, 11–23–65, Cl. 128—29.
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Bartlett Trailer Corp.: *See*—
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Bartlett, William F., to General Dynamics Corp. Automatic communication system. 3,171,900, 3–2–65, Cl. 179—27.
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Bartlett, William F., and B. Brightman, to General Dynamics Corp. Converter. 3,182,306, 5–4–65, Cl. 340—347.
Bartley, Lewis D. Machine for dipping and wiping box toe stiffeners. 3,198,166, 8–3–65, Cl. 118—11.
Bartlo, John S., and E. S. Lee III, to Package Machinery Co. Feeding of groups of articles. 3,217,859, 11–16–65, Cl. 198—34.
Barto, William J., to Yale & Towne, Inc. Vacuum system. 3.187,989, 6–8–65, Cl. 230—1.
Bartoli, John A. and J. J. Mortar compositions. 3,169,877, 2–16–65, Cl. 106—93.
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Bartolucci, Edgar O., to Interstate Boochever Corp. Merchandise display assembly and structural unit for use therewith. 3,184,073, 5–18–65, Cl. 211—132.
Barton, Bernard C., H. K. J. De Decker, and L. Bsharah, to Texas-U.S. Chemical Co. Pneumatic tires having good air retention characteristics. 3,179,149, 4–20–65, Cl. 152—330.
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Barton, Curtis E. Stock dipping vehicle. 3,208,434, 9–28–65, Cl. 119—158.
Barton, David K., and W. J. Rose, to United States of America, Navy. Passive radar tracking apparatus. 3,196,-433, 7–20–65, Cl. 343—7.4.
Barton, David W., and J. R. Elwell, to Ford Motor Co. Power steering mechanism. 3,170,535, 2–23–65, Cl. 180—79.2.
Barton, Derek H. R., to Schering Corp. 19-nor-5(10)-dehydro steroids and methods for their manufacture. 3,205,226, 9–7–65, Cl. 260—239.55.
Barton, Derek H. R., to Research Institute for Medicine and Chemistry. 6,19-lactones of 4,5-dehydro-10-carboxy 6β-hydroxy-3-oxo steroids and process for the preparation thereof. 3,210,343, 10–5–65, Cl. 260—239.57.
Barton, Derek H. R., to Schering Corp. Steroid nitrite esters. 3,215,713, 11–2–65, Cl. 260—397.4.
Barton, Derek H. R., to Schering Corp. 17α-hydroxyaldosterones and processes for their manufacture. 3,216,997, 11–9–65, Cl. 260—239.55.
Barton, Derek H. R., and G. Quinkert, to Polaroid Corp. Dienoic acid amides. 3,173,942, 3–16–65, Cl. 260—490.
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Barton, Loy E., to Radio Corp. of America. Angular-sideband signal-forming transmitter. 3,217,105, 11–9–65, Cl. 179—15.
Barton, Norman P., to National Research Development Corp. Camera rangefinders. 3,200,727, 8–17–65, Cl. 95—44.
Barton, Otis. Deep sea coring tower. 3,204,709, 9–7–65, Cl. 175—6.
Barton, Otis. Balance chamber for deep sea coring. 3,225,-602, 12–28–65, Cl. 73—425.2.
Barton, Raymond W., H. Heckel, P. Prickett, and E. G. Swenson, to Don Baxter, Inc. Air inlet filter for a parenteral solution container. 3,193,993, 7–13–65, Cl. 55—385.
Barton, Raymond W., T. A. Benjamin, and J. T. Herron, to Mead Johnson & Co. Nursing apparatus. 3,200,860, 8–17–65, Cl. 141—330.
Barton, Raymond W., H. Heckel, P. Prickett, and E. G. Swenson, to Don Baxter, Inc. Parenteral solution container with supporting means. 3,208,710, 9–28–65, Cl. 248—359.
Barton, Richard R., to Miles Laboratories, Inc. Process for the recovery of collagenase. 3,201,325, 8–17–65, Cl. 195—66.
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Barton, William F., to Standard Grigsby Inc. Electrical reed relay having plug-in features. 3,204,058, 8–31–65, Cl. 200—87.
Bartosh, John R. Camber-restoring spring assembly for a pivoted motor vehicle rear wheel suspension. 3,210,062, 10–5–65, Cl. 267—16.
Bartosz, Frank J., to The Singer Co. Chain stitch device for lock stitch sewing machines. 3,173,390, 3–16–65, Cl. 112—168.
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Bartsch, Hans-Joachim. Method of and apparatus for straightening stacks of sheet material. 3,198,519, 8–3–65, Cl. 271—89.
Bartu, Franz, to Maerz Ofenbau AG. Hearth-type furnace, particularly Siemens-Martin furnace. 3,204,938, 9–7–65, Cl. 263—46.
Bartz, Arnold M., and L. W. Herscher, to The Dow Chemical Co. Single beam frequency modulated dispersive analyzer. 3,218,914, 11–23–65, Cl. 88—14.
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Bartz, Fred H. Divisible food carton. 3,168,234, 2–2–65, Cl. 229—51.
Bartz, Gunter. Dial test indicator holder. 3,203,656, 8–31–65, Cl. 248—124.
Bartz, Quentin R., J. Ehrlich, M. P. Knudsen, and R. M. Smith, to Parke, Davis & Co. Griseoviridin. 3,174,902, 3–23–65, Cl. 167—650.
Baruch, Hans, to Warner-Lambert Pharmaceutical Co. Automated analytical apparatus. 3,193,358, 7–6–65, Cl. 23—253.
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Baruch, Hans, and E. W. Anthon, to Warner-Lambert Pharmaceutical Co. Automatic sample handling apparatus. 3,192,969, 7–6–65, Cl. 141—90.
Baruch, Hans, and D. Travaglio, to Warner-Lambert Pharmaceutical Co. Apparatus for conducting analytical procedural steps. 3,193,359, 7–6–65, Cl. 23—259.
Baruch, Hans, and E. W. Anthon, to Warner-Lambert Pharmaceutical Co. Cuvette and supply system therefor. 3,225,-645, 12–28–65, Cl. 88—14.
Baruch, Kurt H. Vibrating feeder for miniature parts. 3,208,580, 9–28–65, Cl. 198—33.

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Barwood, Victor H. Method of assembling sealing washer and headed fastener. 3,184,769, 5–25–65, Cl. 10—10.
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Bascom, Willard N., to Ocean Science and Engineering, Inc. Method for surveying and searching the ocean bottom and recovering objects therefrom. 3,215,976, 11–2–65, Cl. 340—3.
Basdekis, Costas H., E. J. Prill, and G. E. Walker. Blends of rubbery diene polymers, resinous styrene-acrylonitrile polymers, and a sulfone. 3,192,178, 6–29–65, Cl. 260—30.8.
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Bash, Bernard L. Steerable ski. 3,204,263, 9–7–65, Cl. 9—310.
Bash, Michael E. Multi-point measuring apparatus. 3,192,770, 7–6–65, Cl. 73—341.
Basham, James F., J. E. Wages, and G. T. Reid. Eviscerating device. 3,203,663, 8–31–65, Cl. 251—25.
Bashaw, Robert N., and B. G. Harper, to The Dow Chemical Co. Lamp shade. 3,194,959, 7–13–65, Cl. 240—108.
Bashor, James R., to United States Drill Head Co. Fully automatic keyway shaper. 3,195,414, 7–20–65, Cl. 90—49.
Bashore, Clinton E., J. R. Maes, and J. L. Sims, to North American Aviation, Inc. Attenuator with constant phase shift effected by the compensatory insertion and removal of dielectric material. 3,209,288, 9–28–65, Cl. 333—81.
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Baskin, Herbert B., to International Business Machines Corp. Pattern recognition preprocessing techniques. 3,196,398, 7–20–65, Cl. 340—146.3.
Baskin, Yehuda, to United States of America, Atomic Energy Commission. Process of making actinide sulfide and similar compounds. 3,180,704, 4–27–65, Cl. 23—14.5.
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Basnett, James T., to C. Q. Parachute Co. Ltd. Parachutes. 3,170,661, 2–23–65, Cl. 244—152.
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Frohwerk, Paul A., Bass, and Hamlin. 3,171,867.
Bass, Henry J. Push-type blind fastener, removable, reusable, provided with self-locking, self-retaining, self-securing means. 3,202,038, 8–24–65, Cl. 85—83.
Bass, John E., Jr., and H. L. Shaw, to Perfecting Service Co. Stack valve assemblies with interchangeable components. 3,215,158, 11–2–65, Cl. 137—269.
Bass, Patrick, to R & R Research Ltd. Subscriber's prepayment mechanism for use in subscription entertainment systems. 3,200,924, 8–17–65, Cl. 194—1.
Bassan, Eraclio. Link hinges. 3,209,390, 10–5–65, Cl. 16—164.
Basseches, Mark T. Loud-speaker. 3,200,901, 8–17–65, Cl. 181—32.
Basseches, Mark T., to Independent Lock Co. Lock construction. 3,210,973, 10–12–65, Cl. 70—383.
Basset, Arthur T., Jr., to General Motors Corp. Manufacture of thermoelectric devices. 3,197,844, 8–3–65, Cl. 29—155.5.
Basset, Jacques. Two stage fluid compressing devices. 3,191,383, 6–29–65, Cl. 60—54.5.
Basset, Raymond C., to International Telephone and Telegraph Corp. Perspective vectorcardioscope. 3,186,403, 6–1–65, Cl. 128—2.06.
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Bassett, Arthur T., Jr., to General Motors Corp. Refrigerating apparatus. 3,194,024, 7–13–65, Cl. 62—3.
Bassett, Frederick H. Car seat caddy. 3,164,408, 1–5–65, Cl. 297—188.
Bassett, Harold J., to Top-Scor Products, Inc. Process of making powdered ice cream mix. 3,215,532, 11–2–65, Cl. 99—56.
Bassett, William I., III. Method of effecting an austenite to martensite transformation in a sustained intensity magnetic field. 3,188,248, 6–8–65, Cl. 148—108.
Bassett, William I., III., to Union Carbide Corp. Heat treating process for martensitic transformation alloys. 3,223,562, 12–14–65, Cl. 148—125.
Bassist, Rudolph G. Hydraulic mechanical warp beam control for textile machines. 3,221,518, 12–7–65, Cl. 66—86.
Bassist, Rudolph G. Mechanism for controlling the rotation of a warp beam of a warp knitting machine. 3,221,519, 12–7–65, Cl. 66—86.
Bassist, Rudolph G. Double-needle-bed warp knitting machine. 3,221,520, 12–7–65, Cl. 66—87.
Bassler, Blair K. Exercising device. 3,212,776, 10–19–65, Cl. 272—73.
Basso, Joseph C., to De Laval Turbine, Inc. Method for positioning a work piece in a machine tool. 3,177,742, 4–13–65, Cl. 82—1.
Basso, Joseph C., to De Laval Turbine, Inc. Apparatus for positioning a work piece in a machine. 3,212,373, 10–19–65, Cl. 82—33.
Basso, Michael J., to United States of America, Army. Fast neutron detection and flux density measurement. 3,225,197, 12–21–65, Cl. 250—83.1.
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Bassoff, Arthur B., to National Broach & Machine Co. Pantograph type profile checker. 3,200,504, 8–17–65, Cl. 33—179.5.
Bassoff, Arthur B., to National Broach & Machine Co. Gear gauging. 3,214,843, 11–2–65, Cl. 33—179.5.
Bastecký, Vladimír, K. Kloc, J. Petlička, O. Hájíček, V. Krejčová, and R. Strubl, to Ceskoslovenska Akademie ved. Heated filtration pressure device for obtaining solid materials from solutions. 3,215,275, 11–2–65, Cl. 210—179.
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Veres, Edward W., Draxler, and Poethig. 3,213,966.
Bastian, Bruce N., to Shell Oil Co. Process for polymerizing aldehydes. 3,215,673, 11–2–65, Cl. 260—67.
Bastian, Donald W., to Avco Corp. Electronic automatic control circuitry for satellite command receiver. 3,167,713, 1–26–65, Cl. 325—319.
Bastian, Fred G., Jr., to Johns-Manville Corp. Cores for adhesive tapes. 3,179,245, 4–20–65, Cl. 206—59.
Bastian, Milton L. Baler feeder. 3,164,276, 1–5–65, Cl. 214—519.

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Barrett, David M., Bastin, and Hura. 3,173,011.
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Batchelder, George W. Process for the demineralization of water. 3,171,799, 3–2–65, Cl. 210—22.
Batchelder, James W., to Textron Inc. Parts-packaging machine. 3,189,157, 6–15–65, Cl. 198—33.
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Batcheller, Kent J., to The Thomas & Betts Co., Inc. Hand tool for crimping electrical connectors. 3,199,336, 8–10–65, Cl. 72—413.
Batcheller, Kent J., to The Thomas & Betts Co., Inc. Self-adjusting crimping tool. 3,216,100, 11–9–65, Cl. 29—282.
Batchelor, Clyde S., and W. R. Jensen, to Raybestos-Manhattan, Inc. Friction mechanism with fiber composition lining and mating metal layer 3,191,734, 6–29–65, Cl. 192—68.
Batchelor, Clyde S., and W. R. Jensen, to Raybestos-Manhattan, Inc. Friction devices. 3,221,853, 12–7–65, Cl. 192—66.
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Hill, Robert W., and Batchelor. 3,219,652.
Batchelor, William L., to Allied Thermal Corp. Slot diffuser. 3,185,067, 5–25–65, Cl. 98—40.
Batcher, Kenneth E., H. R. Greene, and S. B. Yochelson. Logic mechanization system. 3,183,363, 5–11–65, Cl. 307—88.
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Bateman, Coates F., to Symington Wayne Corp. Remote dispensing system. 3,207,370, 9–21–65, Cl. 222—26.
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Bateman, William H., to Wickman Ltd. Means for controlling the actions of machine tools. 3,173,335, 3–16–65, Cl. 90—13.
Bates, Benjamin W. Animal watering and/or feed trough. 3,176,656, 4–6–65, Cl. 119—62.
Bates, Bernice, and C. Fox. Thread support having a fixed cutter. 3,197,102, 7–27–65, Cl. 225—58.
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Bates, James W., to Gulton Industries, Inc. Synchronized inverter circuit. 3,206,694, 9–14–65, Cl. 331—47.
Bates, Langdon D., to Memphis Machine Works. Pivotal boom assembly with latch means for securing a load supporting member to the boom. 3,207,323, 9–21–65, Cl. 212—64.
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Bates, Max H., D. W. Miller, and J. Woveris, to The Bendix Corp. Method of construction. 3,188,724, 6–15–65, Cl. 29—157.1.
Bates, Richard L., and W. L. Eisenman, to United States of America, Navy. Black infrared radiation detector standard. 3,188,473, 6–8–65, Cl. 250—83.3.
Bates, Robert C., R. W. Huston, and F. J. Morley, Jr., to Westinghouse Electric Corp. Welding structure and method of making such structure. 3,194,642, 7–13–65, Cl. 29—191.
Bates, Robert L., to Chemineer, Inc. Mixing device. 3,197,180, 7–27–65, Cl. 259—7.
Bates, Wayne C., to National Lock Co. Counterbalance hinge assembly. 3,196,482, 7–27–65, Cl. 16—190.
Bates, William C. Jumping game-piece racing game. 3,206,208, 9–14–65, Cl. 273—86.
Bates, William C., to General Electric Co. Sawtooth waveform generator employing additional RC network to provide linearization. 3,221,259, 11–30–65, Cl. 328—184.
Bates, William C., and T. T. True, to General Electric Co. High level sawtooth waveform voltage generator. 3,184,616, 5–18–65, Cl. 307—107.
Bates, William C., and T. T. True, to General Electric Co. Modulation circuit including an electron beam deflection amplifying device. 3,219,754, 11–23–65, Cl. 178—5.4.
Bates, William E., to Curtiss-Wright Corp. Method of manufacture of hollow reinforced plastic articles. 3,205,288, 9–7–65, Cl. 264—255.
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Bates, William F., G. D. Johnson, and B. J. Watkins, to Shell Oil Co. Method and apparatus of drilling underwater wells. 3,189,105, 6–15–65, Cl. 175—5.
Bates, William F., and R. A. Malott, to Shell Oil Co. Method of drilling and locating an underwater well. 3,191,695, 6–29–65, Cl. 175—5.
Bateson, Norman E., to Pullman Inc. Retractable stanchion. 3,164,346, 1–5–65, Cl. 248—119.
Bateson, Norman E., to Pullman Inc. Container loading equalizer. 3,168,054, 2–2–65, Cl. 105—366.
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Bath, Cyril J., to The Cyril J. Bath Co. Heavy duty stretch forming machine. 3,184,948, 5–25–65, Cl. 72—297.
Bath, Duncan T., to Canadian General Electric Co., Ltd. Commutator. 3,171,998, 3–2–65, Cl. 310—235.
Bath Iron Works Corp.: *See*—
Danyluke, Ostap. 3,180,582.
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Batignolles, H. Ernault, S.A.: *See*—
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Batin, Thomas R., W. C. Brown, and W. W. Pharis, to General Dynamics Corp. Digit absorbing trunk circuit. 3,176,079, 3–30–65, Cl. 179—18.
Batke, Leonard A., and D. R. Bowes, to Ethicon, Inc. Cabinet assembly unit. 3,203,744, 8–31–65, Cl. 312—111.
Batori, George. Traction device for vehicles. 3,190,336, 6–22–65, Cl. 152—227.
Batosti, Mario, and A. Belloni, to Edison. Valved bag. 3,201,029, 8–17–65, Cl. 229—62.5.
Batou, Boris, to Anstalt fur die Entwicklung von Erfindungen und gewerblichen Anwendungen Energa. Sighting device for a rifle grenade. 3,176,616, 4–6–65, Cl. 102—65.2.
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Batson, Bradley L.: *See*—
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Batson, Frank E., to Borg-Warner Corp. Burner-positioning and mounting assembly for fuel burning appliances. 3,182,707, 5–11–65, Cl. 158—2.
Batt, Thomas N., and J. A. Tharp, to Square D Co. Padlock-receiving locking attachment for pivotable operating handles of electrical control devices. 3,214,530, 10–26–65, Cl. 200—42.
Battaglia, Samuel C.: *See*—
Spinuzza, Russell A. 3,221,936.
Battaglini, Bruno M. Composite bomb. 3,173,365, 3–16–65, Cl. 102—7.4.
Battaglini, Domenic, R. G. Beach, and H. A. Klumb, to Taylor Instrument Companies. Chart severing means for strip chart transport mechanism. 3,199,109, 8–3–65, Cl. 364—24.
Battaglini, Pierangelo. Tooth-paste tube squeezing device. 3,217,930, 11–16–65, Cl. 222—93.
Battail, Gerard P. A., and P. C. Brossard. System for demodulating low-level frequency modulated signals utilizing a short term spectral analyzer. 3,217,262, 11–9–65, Cl. 329—110.
Batteau, Dwight W., and S. Lees. Electrical apparatus responsive to particle motion through guard and detecting electric energy fields. 3,221,248, 11–30–65, Cl. 324—71.
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Conklin, Robert M. 3,196,989.
Elsea, Arthur R. 3,181,945.
Fischer, Victor H. 3,195,533.
King, Robert W., Law, and Vogelhuber. 3,216,651.
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Battelle-Institut E.V.: *See*—
Grossteinbeck, Rolf, Schulze, Willicks, Mindermann, and Tepel. 3,200,033.
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Laney, Edmund A. 3,213,843.
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Batten, Ronald W., to Hi-Shear Corp. Fastener installation tool. 3,217,571, 11–16–65, Cl. 81—55.
Batten, Thomas A., to Firestone Tire & Rubber Co. Guide for a tire building machine. 3,170,829, 2–23–65, Cl. 156—405.
Battenfeld, Werner, and E. Langecker. Apparatus for manufacturing of pressed form-pieces of artificial material. 3,196,485, 7–27–65, Cl. 18—5.3.
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Battersby, William R., C. O. Karl, and J. S. Kelley, to United Shoe Machinery Corp. Tubular bodies. 3,213,890, 10–26–65, Cl. 138—151.
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Battista, Joseph. Automatic washing device. 3,218,663, 11–23–65, Cl. 15—250.11.
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Battista, Orlando A., to FMC Corp. Glass coating and laminating and articles. 3,218,223, 11–16–65, Cl. 161—200.
Battista, Orlando A., to FMC Corp. Bearing. 3,224,967. 12–21–65, Cl. 252—12.
Battista, Orlando A., and J. J. Byrne, Jr., to FMC Corp. Cellulose crystallite aggregates in chromatographical adsorption. 3,179,587, 4–20–65, Cl. 210—31.
Battista, Orlando A., and G. T. Smith, to FMC Corp. Cellulose crystallites radiopaque media. 3,192,118, 6–29–65, Cl. 167—95.
Battistone, Nick. Fixture for grinding machine tools. 3,225,494, 12–28–65, Cl. 51—220.
Battle, Frederick H., Jr., to Cutler-Hammer, Inc. Aircraft landing systems. 3,189,905, 6–15–65, Cl. 343—108.
Battle, Frederick H., Jr., and A. Tatz, to Cutler-Hammer, Inc. Aircraft landing system. 3,191,175, 6–22–65, Cl. 343—106.
Battle, Frederick H., Jr., and T. Barlam, to Cutler-Hammer, Inc. Autocalibration of decoding receivers. 3,195,132, 7–13–65, Cl. 343—106.
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Porret, Daniel, Fisch, Batzer, and Ernst. 3,165,534.
Porret, Daniel, Fisch, Batzer, and Ernst. 3,210,375.
Batzer, Hans, E. Nikles, H. Pfannmueller, and G. Widmer, to Ciba Ltd. Air-drying unsaturated polyesters prepared from di-carboxylic acids and 1,1-bis-[hydroxymethyl]cyclo-s-hexenes with metal driers. 3,210,440, 10–5–65, Cl. 260—863.
Batzer, Hans, W. Fisch, and E. Nikles. 3,4-epoxy-cyclohexane-1-carboxaldehyde acetals. 3,211,750, 10–12–65, Cl. 260—340.7.
Batzer, Hans, W. Fisch, and E. Nikles. Esters of 3,4-epoxy-cyclohexane-1-carboxaldehyde acetals. 3,211,751, 10–12–65, Cl. 260—340.9.
Batzer, Hans, W. Fisch, and E. Nikles. Epoxy esters of 3,4-epoxy-cyclohexane-1-carboxaldehyde acetals. 3,213,111, 10–19–65, Cl. 260—340.9.
Batzer, Thomas H., to United States of America, Atomic Energy Commission. Aluminum foil ultra-high vacuum gasket seal. 3,211,478, 10–12–65, Cl. 285—328.
Batzle, William K., to Radio Corporation of America. Electron tube stem having break-away leads. 3,201,509, 8–17–65, Cl. 174—50.61.
Bau, Robert G. Cosmetic storing and dispensing device. 3,197,024, 7–27–65, Cl. 206—56.
Bau, Robert G. Cosmetic make-up device. 3,219,044, 11–23–65, Cl. 132—79.
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Bauchet, Pierre H. Static apparatus for spraying liquids. 3,171,602, 3–2–65, Cl. 239—515.
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Baude, John, to Allis-Chalmers Mfg. Co. Static relay system employing improved annunciator devices. 3,176,145, 3–30–65, Cl. 307—88.
Baude, John, to Allis-Chalmers Mfg. Co. Timing control means. 3,214,610, 10–26–65, Cl. 307—88.5.
Baude, John, to Allis-Chalmers Mfg. Co. Antipumping control system. 3,214,642, 10–26–65, Cl. 317—54.
Baude, John, to Allis-Chalmers Mfg. Co. Circuit for controlling transient voltages to prevent premature triggering of semiconductors. 3,214,677, 10–26–65, Cl. 323—22.
Bauder, Carl J., to Cambridge Filter Corp. Expanding tool for filters. 3,215,403, 11–2–65, Cl. 254—51.
Bauder, Carl J., and R. G. Quick, Jr., to Cambridge Filter Corp. 3,187,489, 6–8–65, Cl. 55—499.
Bauder, Carl J., and C. G. Hart, to Cambridge Filter Corporation. Pocket filter. 3,190,059, 6–22–65, Cl. 55—491.
Bauder, Marshall. Heat exchange unit. 3,203,478, 8–31–65, Cl. 165—106.
Baudhuin, George J., and A. C. Peterson, to Drott Mfg. Corp. Mobile lift apparatus. 3,176,853, 4–6–65, Cl. 212—14.
Baudo, Gaspare C., to Radio Frequency Laboratories, Inc. Protective relaying circuit. 3,225,266, 12–21–65, Cl. 317—138.
Baudras-Chardigny, Alfred A., to CIDMA. Method of manufacturing a casing for a transmission. 3,175,283, 3–30–65, Cl. 29—463.
Baudrillard, Jean F. M. Device for actuating a drop-hammer or the like. 3,166,351, 1–19–65, Cl. 294—96.
Baudry, Rene A., to Westinghouse Electric Corp. Shaft bearing arrangement. 3,172,709, 3–9–65, Cl. 308—9.
Bauer, Albert W., to E. I. du Pont de Nemours and Co. Chlorofluoroalkane compositions. 3,183,192, 5–11–65, Cl. 252—188.3.
Bauer, Alfred F., to National Lead Co. Engine block assembly. 3,168,081, 2–2–65, Cl. 123—41.74.
Bauer, Alfred F., to National Lead Co. Die casting method and apparatus. 3,216,072, 11–9–65, Cl. 22—167.
Bauer, Arthur G. Sweeper mechanism for heat exchanger. 3,171,472. 3–2–65, Cl. 165—12.
Bauer, Benjamin B., to Columbia Broadcasting System, Inc. Signal compressor and expander apparatus. 3,197,712, 7–27–65, Cl. 330—132.
Bauer, Benjamin B., and A. Kaiser, to Columbia Broadcasting System, Inc. Gain control apparatus providing constant gain interval. 3,187,268, 6–1–65, Cl. 330—123.
Bauer Bros. Co., The: *See*—
Ginaven, Marvin E. 3,214,796.
Ginaven, Marvin E. 3,218,964.
Ginaven, Marvin E., and Adams. 3,181,454.
Ginaven, Marvin E., and Ostborg. 3,218,963.
Horstman, Anton J. 3,201,307.
Horstman, Anton J. 3,207,450.
Horstman, Anton J. 3,219,282.
Shouvlin, Joseph C., and Ginaven. 3,215,355.
Starrett, James R. 3,219,393.
Steiniger, Herman W., and Irvine. 3,166,260.
Bauer, Carl: *See*—
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Bauer, Charles A., to Sargent & Co. Pin tumbler lock. 3,181,320, 5–4–65, Cl. 70—421.
Bauer, Charles A., to Sargent & Co. Pick-resistant lock. 3,195,330, 7–20–65, Cl. 70—421.
Bauer, Charles L., to Sunbeam Corp. Universal plug connector. 3,204,213, 8–31–65, Cl. 339—31.
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Swiderski, Steve W., and Bauer. 3,204,550.
Bauer, Donald R., J. D. Cassidy, H. W. Hance, and C. R. Mullen, to Kaiser Gypsum Co., Inc. Method and device for producing patterned-surface sheet material. 3,181,279, 5–4–65, Cl. 51—90.
Bauer, Edward J. Wall fixtures and method. 3,192,667, 7–6–65, Cl. 50—22.
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Dieter, Norman H., Jr., and Bauer. 3,182,136.
Bauer, Eugen, G.m.b.H.: *See*—
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Bauer, Franz. Keyboard unit for line-composing setting and casting machine. 3,217,865, 11–16–65, Cl. 199—18.
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Bauer, Frederick. Toothbrush. 3,163,874, 1–5–65, Cl. 15—167.
Bauer, Gerald C., to Cellu-Kote, Inc. Method of attaching a rim to a cylinder. 3,195,426, 7–20–65, Cl. 93—39.1.
Bauer, Gerald C., to Cellu-Kote, Inc. Paper roducts coated with vinyl resin and wax. 3,200,005, 8–10–65, Cl. 117—76.
Bauer, Gerald C., to Cellu-Kote, Inc. Bail clip for a container having a rolled rim. 3,208,630, 9–28–65, Cl. 220—91.
Bauer, Gerhard: *See*—
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Bauer, Gordon L., to Advanced Wyrepak Co., Inc. Wire spooling apparatus and method. 3,170,650, 2–23–65, Cl. 242—25.
Bauer, Hans: *See*—
Heckmaier, Joseph, and Bauer. 3,205,204.
Tanner, Richard, Perl, and Bauer. 3,223,074.
Bauer, Helmut, to Maschinenfabrik Burckhardt A.G. Automatic system for fluidtightly holding the valve-carrying head on a piston-operated machine subjected to high pressures. 3,207,081, 9–21–65, Cl. 103—153.
Bauer, Helmut, to Maschinenfabrik Burckhardt A.G. Gas compressors. 3,216,334, 11–9–65, Cl. 92—156.

Bauer, Herbert, to E. I. du Pont de Nemours and Co. Luminescent screen having a protective film. 3,164,719, 1–5–65, Cl. 250—80.
Bauer, Howard M. Pressure regulator valve having damping means. 3,174,505, 3–23–65, Cl. 137—505.18.
Bauer, Jordan V., and L. H. Elizer, to The Hubinger Co. Adhesive compositions. 3,182,031, 5–4–65, Cl. 260—17.3.
Bauer, Josef. Overflow prevention device. 3,189,039, 6–15–65, Cl. 137—434.
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Van Winsen, Friedrich H., and Bauer. 3,197,233.
Van Winsen, Friedrich H., and Bauer. 3,205,018.
Bauer, Konrad E., and H. R. Carlson, to Hupp Corp. Gas burners. 3,225,815, 12–28–65, Cl. 158—99.
Bauer, Kurt, and J. Pelz, to Haarmann & Reimer G.m.b.H. Processes for the production of unsaturated esters. 3,210,-408, 10–5–65, Cl. 260—489.
Bauer, Kurt H.: *See*—
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Bauer, La Verne N., to Rohm & Haas Co. Dispersant copolymers from polyvinylpyrrolidinone. 3,214,498, 10–26–65, Cl. 260—882.
Bauer, La Verne N., and A. F. Preuss, to Rohm & Haas Co. Dispersant compositions. 3,218,258, 11–16–65, Cl. 252—51.5.
Bauer, Ludwig, and W. Gruger, to International Standard Electric Corp. Cradle-switch spring assembly. 3,218,238, 11–16–65, Cl. 179—164.
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Bauer, Matthew F. Coupling connection for plastic or soft tubing. 3,218,094, 11–16–65, Cl. 285—249.
Bauer, Myron J., R. E. Carlsberg, and R. C. Wilson, to United States of America, Navy. Loader mechanism for guided missile launching system. 3,166,976, 1–26–65, Cl. 89—1.7.
Bauer, Myron J., and J. C. Higgins, to United States of America, Navy. Train positioner and interlock assembly. 3,169,444, 2–16–65, Cl. 89—1.7.
Bauer, Myron J., and A. J. Hogen, to United States of America, Navy. Missile restraining means. 3,205,778, 9–14–65, Cl. 89—1.7.
Bauer, Oliver F., and A. W. Snook, to The Gleason Works. Quenching machine. 3,170,975, 2–23–65, Cl. 266—6.
Bauer, Oliver F., and A. W. Snook, to The Gleason Works. Quenching machine. 3,170,976, 2–23–65, Cl. 266—6.
Bauer, Peter, to Sperry Rand Corp. Binary counter. 3,182,-676, 5–11–65, Cl. 137—81.5.
Bauer, Peter, to Sperry Rand Corp. "And" gate. 3,191,611, 6–29–65, Cl. 137—81.5.
Bauer, Peter, to Sperry Rand Corp. Fluid multi-stable device. 3,192,938, 7–6–65, Cl. 137—81.5.
Bauer, Peter, to Sperry Rand Corp. Binary counter stages having two fluid vortex amplifiers. 3,193,197, 7–6–65, Cl. 235—201.
Bauer, Peter, to Sperry Rand Corp. Fluid signal generator. 3,204,652, 9–7–65, Cl. 137—81.5.
Bauer, Peter, to Sperry Rand Corp. Binary counter. 3,219,-271, 11–23–65, Cl. 235—201.
Bauer, Peter, and E. U. Sowers III, to Sperry Rand Corp. Fluid sorter. 3,169,639, 2–16–65, Cl. 209—74.
Bauer, Peter J. A.: *See*—
Etzel, Karl W. F., and Bauer. 3,219,731.
Bauer, Richard M., G. W. Forcey, and W. H. Osterlund, to American Can Co. Apparatus for producing highly glossy protective sheets. 3,192,893, 7–6–65, Cl. 118—69.
Bauer, Robert D.: *See*—
Kelley, Carl S., and Bauer. 3,225,550.
Bauer, Robert D., to Phillips Petroleum Co. Hydrocarbon treating. 3,213,154, 10–19–65, Cl. 260—676.
Bauer, Robert D., and J. Van Pool, to Phillips Petroleum Co. Alkylation of hydrocarbons by reducing organic fluoride content of a stream in the operation. 3,209,051, 9–28–65, Cl. 260—683.42.
Bauer, Robert F.: *See*—
Stratton, Hal, Bauer, Field, and Crooke. 3,221,506.
Bauer, Robert F., and R. B. Thornburg, to Shell Oil Co., Continental Oil Co., The Superior Oil Co., and Union Oil Co. of California. Pipe handling apparatus. 3,193,084, 7–6–65, Cl. 198—137.
Bauer, Robert H.: *See*—
Burns, Samuel P., and Bauer. 3,204,579.
Bauer, Stefan G., to Rolls-Royce Ltd. Fuel elements for nuclear reactors. 3,220,927, 11–30–65, Cl. 176—76.
Bauer, Stefan G., and N. Battle, to Rolls-Royce Ltd. Fuel elements for nuclear reactors. 3,192,621, 7–6–65, Cl. 29—510.
Bauer, Walter T. Fireplace super heater. 3,190,282, 6–22–65, Cl. 126—131.
Bauer, Werner: *See*—
Weidel, Joachim, and Bauer. 3,201,634.
Bauer, Werner R., to Robertshaw-Controls Co. Dial operated timer. 3,194,902, 7–13–65, Cl. 200—33.
Bauer, Werner R., to Robertshaw Controls Co. Pressure switch with high and low pressure spring adjustments. 3,209,094, 9–28–65, Cl. 200—83.
Bauer, Werner R., to Robertshaw-Controls Co. Electromagnetic relay with one-piece support for core and armature. 3,213,230, 10–19–65, Cl. 200—87.
Bauer, Werner R., to Robertshaw Controls Co. Automatic program selecting controller. 3,217,188, 11–9–65, Cl. 307—141.4.
Bauer, William V., to The Lummus Co. Evaporative process using submerged combustion. 3,215,189, 11–2–65, Cl. 159—16.
Bauerlein, Carl C.: *See*—
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Bauerlein, Carl C., to The Dole Valve Co. Heating and cooling control valves. 3,179,337, 4–20–65, Cl. 236—1.
Bauerlein, Carl C., to The Dole Valve Co. Automatic ice maker having a thermally sensitive power unit. 3,188,827, 6–15–65, Cl. 62—137.
Bauerlein, Carl C., to The Dole Valve Co. Tapper keg valve. 3,195,855, 7–20–65, Cl. 251—120.
Bauerlein, Carl C., to The Dove Valve Co. Pressure regulator. 3,217,947, 11–16–65, Cl. 222—397.
Bauermeister, Ernest E. Vertical casket. 3,188,712, 6–15–65, Cl. 27—6.
Bauger, Louis J., and L. F. Jumelle, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Flight control and stabilization by hot jets, applicable in particular to aircraft taking off vertically without change of attitude. 3,176,463, 4–6–65, Cl. 60—35.54.
Bauger, Louis J., M. J. Baraut, P. M. Phelipon, and A. J.-B. Lacroix, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Double flow jet-engines. 3,204,404, 9–7–65, Cl. 60—35.6.
Baugh Chemical Co., The: *See*—
Bowman, Robert S., and Dixon. 3,205,181.
Baugh, Elbert R., and J. M. Lyons, to Kaiser Aluminum & Chemical Corp. Heat treatment and extrusion of aluminum alloy. 3,222,227, 12–7–65, Cl. 148—11.5.
Baugh, Hollis A.: *See*—
Slator, Damon T., and Baugh. 3,182,877.
Baugh, John C., to The Central States Can Corp. Container manufacture. 3,179,282, 4–20–65, Cl. 220—54
Baugh, Richard A., and E. C. Day, to Radio Corp. of America. Apparatus for determining the algebraic sign of a residue coded number. 3,191,011, 6–22–65, Cl. 235—156.
Baughman, George W., to Westinghouse Air Brake Co. Hot bearing detector. 3,197,632, 7–27–65, Cl. 246—169.
Baughman, Howard B.: *See*—
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Baum, Bernard O., and L. G. Imhof, to Union Carbide Corp. Method for modifying olefin polymers, oxidized olefin polymers and olefin polymers containing carboxyl and hydroxyl groups with polymethylolated phenolic and peroxide cross-linking agents and products produced thereby. 3,211,-804, 10–12–65, Cl. 260—848.
Baum, Jerome N., and S. J. Campanella, to Melpar, Inc. Heart beat frequency analyzer. 3,171,406, 3–2–65, Cl. 128—2.05.
Baum, Jerome N., and B. H. Dennison, Jr., to Melpar, Inc. Electrodes. 3,187,745, 6–8–65, Cl. 128—2.06.
Baum, Kurt, to Kaiser Industries Corp. Recovery of combustible gases in ferro-metallurgical processes. 3,224,750, 12–21–65, Cl. 266—35.
Baum, Leon. Optical system for machines. 3,221,577, 12–7–65, Cl. 82—12.
Baum, Lloyd. Tooth filling material. 3,191,303, 6–29–65, Cl. 32—15.
Baum, Morton S., and F. R. Moreo. Process for enhancing the palatability of meats. 3,215,534, 11–2–65, Cl. 99—107.
Baum, Sidney J., and R. Aellon, to Foster Grant Co., Inc. Two stage vacuum devolatilization to purify polyamides. 3,177,181, 4–6–65, Cl. 260—78.
Baum, Thomas: *See*—
Childress, Scott J., and Baum. 3,164,602.
Baum, Wesley L.: *See*—
Gelzheiser, Francis L., and Baum. 3,213,241.
Baum, William H., and J. Mosetich, to Fastener Corp. Fastener construction. 3,190,170, 6–22–65, Cl. 85—49.
Baum, William H., and O. A. Wandel, to Fastener Corp. Fastener head with grooves to receive driving tool ribs. 3,208,330, 9–28–65, Cl. 85—28.
Baum, William H., and J. Mosetich, to Fastener Corp. Fastener assemblage. 3,212,632, 10–19–65, Cl. 206—56.
Bauman, Jack L., and C. Boetto, to International Harvester Co. Implement hitch. 3,214,190, 10–26–65, Cl. 280—447.
Bauman, Ralph M. Portable urine specimen collecting device. 3,177,500, 4–13–65, Cl. 4—110.
Bauman, Richard D., to Sylvania Electric Products Inc. Variable pulse width generator controlled by varying of D.C. screen grid potential. 3,179,893, 4–20–65, Cl. 328—58.
Bauman, Robert H.: *See*—
Moyer, Elton S., and Bauman. 3,213,971.
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Baumann, Arthur N.: *See*—
Burkert, George M., and Baumann. 3,195,979.
Baumann, Arthur N., to International Minerals & Chemical Corp. Precipitation of soluble P_2O_5 values from NH_4F solutions. 3,201,193, 8–17–65, Cl. 23—88.
Baumann, Arthur N., to International Minerals & Chemical Corp. Process for the production of phosphate fertilizer. 3,212,874, 10–19–65, Cl. 71—34.
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Beachum, Curtis M. Apparatus for covering berry boxes and the like. 3,222,058, 12–7–65, Cl. 271—26.

Beacon Machinery, Inc.: *See*—
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Carroll, William J. 3,181,569.

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Beagle, Eldon C. Machine and method for drying and sterilizing rice hulls. 3,216,344, 11–9–65, Cl. 99—237.

Beahn, Thomas J., W. J. Condell, Jr., and H. I. Mandelberg. Apparatus for measuring the pressure of gas. 3,187,580, 6–8–65, Cl. 73—419.

Beaird, Francis M.: *See*—
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Beaird, Francis M., Jr., and P. Kobetz, to Ethyl Corp. Preparation of tetramethyl lead. 3,188,333, 6–8–65, Cl. 260—437.

Beaird, Francis M., Jr., and P. Kobetz, to Ethyl Corp. Tetraalkyllead process employing alkyl aluminum-amine catalyst systems. 3,188,334, 6—8–65, Cl. 260—437.

Beaird, Francis M., Jr., and P. Kobetz, to Ethyl Corp. Preparation of tetramethyllead and catalyst therefor. 3,226,408, 12–28–65, Cl. 260—437.

Beaird, Francis M., Jr., and P. Kobetz, to Ethyl Corp. Tetraalkyllead process. 3,226,409, 12–28–65, Cl. 260—437.

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Beairsto, Robert J.: *See*—
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Beal, Keith F., and E. R. Nielsen, to United States of America, Navy. Felting process for making combustible cartridge cases. 3,218,907, 11–23–65, Cl. 86—10.

Beal, Philip F., to The Upjohn Co. Process for the preparation of 14α-methyl 11-keto-progesterone and intermediates produced therefrom. 3,166,528, 1–19–65, Cl. 260—239.55.

Beal, Philip F., III, and M. A. Rebenstorf, to The Upjohn Co. 6-lower aliphatic hydrocarbon substituted derivatives of the pregnane series. 3,178,411, 4–13–65, Cl. 260—239.55.

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Beal, Philip F., III, and J. E. Pike, to The Upjohn Co. 11β,18, 18,20-diepoxy steroids of the pregnane series. 3,216,998, 11–9–65, Cl. 260—239.55.

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Beale, Alvin F., Jr., to The Dow Chemical Co. Inhibition of swelling of silicate-containing formations employing an oxazolidinone polymer. 3,179,171, 4–20–65, Cl. 166—42.

Beale, Julian R. A., H. E. Brockman, and P. E. Krebs, to North American Philips Co., Inc. Method of diffusing boron into semi-conductor bodies. 3,164,501, 1–5–65, Cl. 148—189.

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Beall, Francis W.: *See*—
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Beall, Glenn L.: *See*—
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Schneider, John H., and Beall. 3,217,709.

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Beall, Glenn L., and A. F. Bujan, to Abbott Laboratories. Blood collection and sampling apparatus provided with separable coupling means. 3,217,710, 11–16–65, Cl. 128—214.

Beals, David L., to The Standard Oil Co. Electrochemical reaction apparatus. 3,177,097, 4–6–65, Cl. 136—86.

Beals, George C., J. Kocherhans, and K. M. Ogilvie, to Kennecott Copper Corp. Reverberatory matte-smelting process. 3,222,162, 12–7–65, Cl. 75—73.

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Beamer, Ralph R. Crab trap. 3,209,484, 10–5–65, Cl. 43—100.

Beamer, Robert L Cosmetic emulsion. 3,186,912, 6–1–65, Cl. 167—91.

Beamish, Bernard D. Method for sheet seaming. 3,165,081, 1–12–65, Cl. 112—262.

Beamish, Bernard D., to Johnson & Johnson. Method of manufacturing containers. 3,191,508, 6–29–65, Cl. 93—36.

Beams, Jesse W., to United States of America, Navy. Magnetic suspension system. 3,196,694, 7–27–65, Cl. 74—5.37.

Bean, Arthur I.: *See*—
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Bean, Arthur W., to E. M. Melahn. Hydraulic control apparatus. 3,224,341, 12–21–65, Cl. 91—358.

Bean, Charles H., to United States of America, Atomic Energy Commission. Drawing apparatus. 3,173,284, 3–16–65, Cl. 72—283.

Bean, Charles P., and J. C. Fisher, to General Electric Co. Superconducting composite articles. 3,214,249, 10–26–65, Cl. 29—180.

Bean, Edward C., and C. J. Creveling, to United States of America, Navy. Binary switch key. 3,166,647, 1–19–65, Cl. 200—46.

Bean, Frank R., and D. M. Mawdsley, to Lenkurt Electric Co., Inc. Linearizer for frequency modulation generator. 3,173,103, 3–9–65, Cl. 331—84.

Bean, Frederic R., to Eastman Kodak Co. Developing compositions used in photographic transfer processes. 3,189,448, 6–15–65, Cl. 96—28.
Bean, Frederic R., to Eastman Kodak Co. Photographic stratum transfer process and developing compositions therefor. 3,206,308, 9–14–65, Cl. 96—28.
Bean, Harley F., to Sperry Rand Corp. Tape drive. 3,185,403, 5–25–65, Cl. 242—57.3.
Bean, Harley F., to Sperry Rand Corp. Punched card reading system. 3,187,166, 6–1–65, Cl. 235—61.11.
Bean, Harley F., to Sperry Rand Corp. Sheet transport system. 3,195,887, 7–20–65, Cl. 271—53.
Bean, Jean T. Hair drier. 3,199,218, 8–10–65, Cl. 34—98.
Bean, Paul C., to FMC Corp. Fruit peeling method. 3,192,977, 7–6–65, Cl. 146—241.
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Bear, Ralston E. Overhead door operator. 3,186,038, 5–1–65, Cl. 20—16.
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Beard, John H. V. Outboard and inboard propulsion means for watercraft. 3,173,397, 3–16–65, Cl. 115—35.
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Beard, Walter C., Jr., and P. M. Kotuby, to The Risdon Mfg. Co. Overcap and actuating button for aerosol containers. 3,180,531, 4–27–65, Cl. 222—182.
Bearden, Charles R., to The Dow Chemical Co. Copolymer concentrate and oil composition. 3,210,282, 10–5–65, Cl. 252—51.5.
Bearden, Charles R., and S. R. Hargis, Jr., to The Dow Chemica Co. Method for the preparation of glycol monoesters of acrylic and methacrylic acids. 3,215,731, 11–2–65, Cl. 260—486.
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Beardslee, Robert M., to General Electric Co. Rug cleaning attachment for polishers. 3,188,669, 6–15–65, Cl. 15—98.
Beardsley, Kenneth D., and E. J. Wilk, to General Electric Co. Method of making a magnetic core. 3,164,889, 1–12–65, Cl. 29—155.57.
Beardsley, Melville W., to A. F. Starobin. Plenum chamber ground effect machine. 3,195,665, 7–20–65, Cl. 180—7.
Beardsley, Melville W., to A. F. Starobin. Spray suppressor for air cushion vehicles. 3,209,847, 10–5–65, Cl. 180—7.
Beardsley, Melville W., to A. Fred Starobin. Control device for air cushion vehicles. 3,216,518, 11–9–65, Cl. 180—7.
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Beasley, Noel F., to Bennett Respiration Products, Inc. Pressure breathing therapy unit. 3,221,733, 12–7–65, Cl. 128—29.
Beasley, Noel F., to Bennett Respiration Products, Inc. Respiration apparatus. 3,221,734, 12–7–65, Cl. 128—29.
Beasley, Silas V., and G. K. Harding, Jr., to McGraw-Edison Co. Oven supplied with hot air through foraminous duct-shelves. 3,221,729, 12–7–65, Cl. 126—21.
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Beattie, Walter R., to Oglebay Norton Co. Hot top with rotating hanger means. 3,202,395, 8–24–65, Cl. 249—202.
Beatty, David L. Telephone operating device for disabled persons. 3,170,990, 2–23–65, Cl. 179—1.
Beatty, David L. Pneumatic control valve. 3,213,882, 10–26–65, Cl. 137—596.
Beatty, Donald C. Gain-adjusting audio level terminator. 3,182,137, 5–4–65, Cl. 179—170.8.
Beatty, Eldon L., to The Anderson Co. Motion-transmitting device. 3,184,987, 5–25–65, Cl. 74—424.8.
Beatty, Eugene F., to The Bendix Corp. Actuator and control systems therefor. 3,188,916, 6–15–65, Cl. 91—165.
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Beatty, John W., to General Electric Co. Orifice structure for circuit interrupter of fluid blast type. 3,178,546, 4–13–65, Cl. 200—148.
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Beaty, Charles A., to RFD Inc. Temperature compensated resonant cavity structure. 3,225,308, 12–21–65, Cl. 331—98.
Beaty, Charles A., to RFD, Inc. Variable frequency microwave cavity signal generator with regulated supply and feed-back compensation. 3,226,656, 12–28–65, Cl. 331—186.
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Beaubien, Everett E. Toy liquid dispenser. 3,193,149, 7–6–65, Cl. 222—109.
Beauchamp, Edward D., D. S. Saulson, and P. A. Benson, to The Garrett Corp. Electrical proportional control system. 3,196,255, 7–20–65, Cl. 219—497.
Beaudet, Lucien J. J. Spring clip retainer. 3,168,341, 2–2–65, Cl. 287—119.
Beaudoin, Jean. Perforating stopper for collapsible tubes. 3,182,858, 5–11–65, Cl. 222—83.
Beaudoin, Jean P., to Joe Lowe Corp. Apparatus for stacking sticks and like articles. 3,164,293, 1–5–65, Cl. 221—13.
Beaudoin, Norman R., to General Electric Co. Multipole electric circuit breaker with common tripping means. 3,171,932, 3–2–65, Cl. 200—116.
Beaudoin, Norman R., and B. A. Piteo, Jr., to General Electric Co. Circuit breaker with trip-indicating handle. 3,193,647, 7–6–65, Cl. 200—116.
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Beaugh, John B., L. M. Johnson, and L. W. Pohler, to Esso Research and Engineering Co. Automatic operation and process control. 3,202,602, 8–24–65, Cl. 208—33.

Beaujard, Louis, and J. Mondot, to Institut de Recherches de la Siderurgie Francaise. Ultrasonic inspection probe. 3,190,112, 6–22–65, Cl. 73—71.5.
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Beausoleil, William F., and D. J. Galage, to International Business Machines Corp. Data handling mechanism. 3,189,-872, 6–15–65, Cl. 340—146.1.
Beauvais, John H. Teaching device. 3,174,232, 3–23–65, Cl. 35—8.
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Beaver, Arnold R. Random access-serial tape data storage system. 3,168,232, 2–2–65, Cl. 226—119.
Beaver, Garth H., and G. K. Greminger, Jr., to The Dow Chemical Co. Bibulous ion permeable membranes. 3,168,-421, 2–2–65, Cl. 136—146.
Beaver, Wallace W., R. M. Paine, and A. J. Stonehouse, to The Brush Beryllium Co. Sintered intermetallic compound-composition bodies. 3,172,196, 3–9–65, Cl. 29—182.
Beaver, Wallace W., R. M. Paine, and A. J. Stonehouse, to The Brush Beryllium Co. Beryllium-niobium composition. 3,172,761, 3–9–65, Cl. 75—150.
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Beavon, David K., to Texaco Inc. Reforming reaction in which the reaction is controlled by ultraviolet analysis of the reformate. 3,185,640, 5–25–65, Cl. 208—134.
Beavon, David K., and F. A. Clauson, to Texaco Inc. Alkylation process. 3,168,591, 2–2–65, Cl. 260—683.62.
Beazer, Charles W., E. E. Reed, and E. E. Kleinmann, to Phillips Petroleum Co. Safety shut-down device for valves on mobile tanks. 3,165,236, 1–12–65, Cl. 222—54.
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Becanne, Robert L. P., and C. J. H. M. P. Ferrand, to Office National Industriel de L'Azote. Apparatus for the continuous manufacture of chlorinated cyanuric acid. 3,222,-138, 12–7–65, Cl. 23—285.
Becciani, Renato, and L. Valtorta. Pressure indicating device. 3,224,264, 12–21–65, Cl. 73—146.8.
Bechem, Karl-Gunter, to J. C. Soding & Halbach. Enlarging roller cutter. 3,204,710, 9–7–65, Cl. 175—344.
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Bechle, Rudolph P., to Potdevin Machine Co. Bag bottom folding mechanism. 3,186,313, 6–1–65, Cl. 93—27.
Bechler, Andre. Mechanism for controlling the movements of a cutting tool in an automatic machine tool. 3,199,385, 8–10–65, Cl. 82—5.
Bechman, William O., to International Harvester Co. Pitch adjusting mechanism for root plows. 3,207,232, 9–21–65, Cl. 172—239.
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Bechtold, Max F., to E. I. du Pont de Nemours and Co. Iron-aluminum-silicon-titanium alloy. 3,206,304, 9–14–65, Cl. 75—124.
Bechtold, Max F., to E. I. du Pont de Nemours and Co. Selected Mo-Nb-Si-Ti compositions and objects thereof. 3,184,834, 5–25–65, Cl. 29—182.
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Beck, Alfred B., to TRW Inc. Distributed amplifier. 3,218,-569, 11–16–65, Cl. 330—54.
Beck, Carl A., to Charles Beck Machine Corp. Roll support for centerfolder. 3,208,689, 9–28–65, Cl. 242—75.4.
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Beck, Carl A. 3,208,689.
Beck, Clyde S. Fluid control device. 3,200,846, 8–17–65, Cl. 137—625.48.
Beck, Edward R.: *See*—
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Beck, Elmer A., Jr., to United States of America, Navy. Apparatus and methods for sweeping mines. 3,215,112, 11–2–65, Cl. 114—240.
Beck, Emanuel A., to United States of America, Navy. Radome with particular apex and wall structure. 3,195,138, 7–13–65, Cl. 343—872.
Beck, Erich, and W. Bosch, to Lilon Establishment. Worm press for kneading and displacing plastic masses. 3,192,-564, 7–6–65, Cl. 18—12.
Beck, Frank J., to Phillips Petroleum Co. Expansible means for loading a shot hole. 3,188,906, 6–15–65, Cl. 86—20.
Beck, Frederick R., to Controls Co. of America. Rotary electric multi-switch with adjustable movable contact wiper. 3,213,216, 10–19–65, Cl. 200—36.
Beck, Friedrich: *See*—
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Beck, George R. Snap action disk element for toy structures. 3,177,611, 4–13–65, Cl. 46—25.
Beck, George W., and P. De Vincent, to General Motors Corp. Ice tray. 3,214,128, 10–26–65, Cl. 249—66.
Beck, George W., W. G. Kniffin, and B. M. Hillberry, to General Motors Corp. Ice maker with bin actuated control means. 3,217,506, 11–16–65, Cl. 62—137.
Beck, George W., W. G. Kniffin, and B. M. Hillberry, to General Motors Corp. Automatic ice maker of the flexible tray type. 3,217,508, 11–16–65, Cl. 62—233.
Beck, Harold V., to Marconi Instruments Ltd. Low frequency waveform generators utilizing sampling of high frequency waveform. 3,211,924, 10–12–65, Cl. 307—88.5.
Beck, Henry C., to Sun Oil Co. Fermentation apparatus and process. 3,201,327, 8–17–65, Cl. 195—109.
Beck, Henry C., to United States of America, Navy. Differential pressure transducer. 3,201,989, 8–24–65, Cl. 73—300.
Beck, Jacob H., to BTU Engineering Corp. Heat and gas barrier for muffle furnaces. 3,179,392, 4–20–65, Cl. 263—37.
Beck, Jacob H., to BTU Engineering Corp. Apparatus for continuous gas diffusion. 3,193,267, 7–6–65, Cl. 263—37.
Beck, John T., to Control Data Corp. Embedded printed circuit. 3,217,089, 11–9–65, Cl. 174—68.5
Beck, Lawrence J. Cleaning tool or the like. 3,188,675, 6–15–65, Cl. 15—244.
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Beck, Robert M., to Raytheon Co. Digital converter. 3,221,-323, 11–30–65, Cl. 340—347.
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Becke, Friedrich, H. Buckschewski, and B. Sander, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of glycidamide. 3,217,016, 11–9–65, Cl. 260—348.5.
Becke, Margot. Process of preparing soluble phosphorus nitrile chloride polymers. 3,179,489, 4–20–65, Cl. 23—14.
Becke, Margot, to Olin Mathieson Chemical Corp. Composition having the formula P_2NSCl_5 and process for preparing same. 3,193,343, 7–6–65, Cl. 23—14.
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Becker, Charles E., to American Radiator & Standard Sanitary Corp. Steel rule dies. 3,194,090, 7–13–65, Cl. 76—107.
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Becker, Helmut, to Hüttenwerk Oberhausen A.G. Rotary furnace. 3,193,266, 7–6–65, Cl. 263—32.
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Becker, Rudolf, to Gesellschaft fur Linde's Eismaschinen Aktiengesellschaft. Rectification of liquid mixtures boiling at low temperatures. 3,208,231, 9–28–65, Cl. 62—30.
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Benichou, Samuel, N. R. Beyrard, and G. Zimeray, to Societe d'Etudes de Techniques Industrielles Nouvelles. Process for the catalytic oxidation of hydrocarbons. 3,180,877, 4–27–65, Cl. 260—346.4.
Benima, David. Mechanical device and system. 3,165,319, 1–12–65, Cl. 273—149.
Bening, Lucy M. Knockdown shelter. 3,222,829, 12–14–65, Cl. 52—92.
Benintend, Orazio H., to Ben Construction Co. Safety device for excavations. 3,212,270, 10–19–65, Cl. 61—41.
Benis Industries, Inc.: *See*—
Nash, John C. 3,216,301.
Benith, Benedict R., to American Machine & Foundry Co. Synchronizer to introduce articles in proper phase. 3,198,050, 8–3–65, Cl. 83—201.12.
Benjamen, Lysle I., to Eaton Mfg. Co. Apparatus for cooling an exhaust manifold. 3,169,365, 2–16–65, Cl. 60—31.
Benjamen, Lysle I. Torque limiting clutch. 3,212,296, 10–19–65, Cl. 64—30.
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Benjamin Air Rifle Co.: *See*—
Spack, Aloys P., Sr. 3,210,851.
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Benjamin, Charles E.: *See*—
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Benjamin, Charles E., to Westinghouse Electric Corp. Method of making a diffused base transistor. 3,165,429, 1–12–65, Cl. 148—177.
Benjamin, Charles E., to Westinghouse Electric Corp. Monolithic semiconductor device and method of preparing same. 3,189,798, 6–15–65, Cl. 317—234.

Benjamin, Dale E., to Potlatch Forest, Inc. Continuous sulphate pulping method with counter-current heating and concurrent cooking zones and apparatus therefor. 3,193,-444, 7–6–65, Cl. 162—19.
Benjamin, Frank E., to Wrightway Engineering Co. Swivel mounting for aerating device or the like. 3,224,793, 12–21–65, Cl. 285—8.
Benjamin, Irwin A., to Granite City Steel Co. Reinforced concrete slab and tension connector therefor. 3,177,619, 4–13–65, Cl. 50—290.
Benjamin, Joel M., Jr.: *See*—
Benham, Thomas A., and J. M. Benjamin, Jr. 3,198,952.
Benjamin & Johnes, Inc.: *See*—
Popp, Estelle. 3,177,877.
Benjamin, Lawrence E., to American Cyanamid Co. Preparation of triaminoguanidine. 3,198,832, 8–3–65, Cl. 260—564.
Benjamin, Louis E.: *See*—
Burch, Homer A., and Benjamin. 3,164,595.
Benjamin, Milton L., and F. E. Winnen, to Erickson Tool Co. Self-releasing tap holder. 3,171,145, 3–2–65, Cl. 10—129.
Benjamin, Milton L., and G. Frei, to Erikson Tool Co. Chuck. 3,171,664, 3–2–65, Cl. 279—50.
Benjamin, Milton L., and C. H. Brownsell, to Erikson Tool Co. Positive drive chuck. 3,171,666, 3–2–65, Cl. 279—93.
Benjamin, Milton L., and G. Frei, to Erickson Tool Co. Tap chuck with adjustable torque release. 3,214,773, 11–2–65, Cl. 10—135.
Benjamin, Milton L., and F. E. Winnen, to Erickson Tool Co. Tool holder and adapter. 3,215,445, 11–2–65, Cl. 279—97.
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Benjamin, Robert P., to Litton Systems, Inc. F.M.-C.W. radar altimeter apparatus. 3,226,717, 12–28–65, Cl. 343—14.
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Barton, Raymond W., Benjamin, and Herron. 3,200,860.
Benjamin, Warren O., and A. R. Jaeger, to Corning Glass Works. Prismatic light transmitting panel. 3,213,751, 10–26–65. Cl. 88—57.5.
Benke, Frank W., to Westinghouse Electric Corp. Magnetic core structure. 3,173,113, 3–9–65, Cl. 336—60.
Benken, Henry V. D.: *See*—
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Kamborian, Jacob S., Dunlap, and Benken. 3,165,771.
Benkoe, Erwin, to Transogram Co., Inc. Powered wheel vehicle and track assembly. 3,218,757, 11–23–65, Cl. 46—202.
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Koback, Benjamin. 3,168,756.
Benmussa, Henri, to International Standard Electric Corp. Telephone systems. 3,226,487, 12–28–65, Cl. 179—18.
Benmussa, Henri, P. R. L. Marty, and S. Kobus, to International Standard Electric Corp. Selection system. 3,226,-486, 12–28–65, Cl. 179—18.
Benn, Robert E., to Burroughs Corp. Printing head in cathode ray tube face. 3,173,049, 3–9–65, Cl. 313—89.
Benn, Robert E., and R. S. Sakurai, to Burroughs Corp. Electrographic recording process and apparatus. 3,195,-142, 7–13–65, Cl. 346—74.
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Benn, Walter R., to G. D. Searle & Co. 20-alkynylpregna-5,16-diene-3β,20β-diols and esters thereof. 3,188,328, 6–8–65, Cl. 260—397.5.
Benn, Walter R., to G. D. Searle & Co. Selective ketalization of polyketo-5α-androstanes and 3-dimethyl ketals produced thereby. 3,190,896, 6–22–65, Cl. 260—397.4.
Benner, Charles E., to Air Reduction Co., Inc. Headgear and hammock assembly connecting means therefor. 3,192,-536, 7–6–65, Cl. 2—3.
Benner, Charles E., to Air Reduction Co., Inc. Protective helmet having removable paning. 3,212,101, 10–19–65, Cl. 2—8.
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Nawman, Rollie B. 3,181,705.
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Nawman, Rollie B., and Ott. 3,204,778.
Benner, Paul B., H. M. Johnson, and C. Brown, to Caterpillar Tractor Co. Reduction gear type motor grader blade lift mechanism. 3,164,915, 1–12–65, Cl. 37—156.
Benner, Stanley G., to Johns-Manville Corp. Rotor for the forming of glass filaments. 3,190,736, 6–22–65, Cl. 65—15.
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Bennes, William J., to Celanese Corp. of America. Finishing sheet materials. 3,218,761, 11–23–65, Cl. 51—87.
Bennett, Allan I.: *See*—
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Bennett, Allen I., Jr., and R. L. Longini, to Westinghouse Electric Corp. Apparatus for growing crystals. 3,206,286, 9–14–65, Cl. 23—273.
Bennett, Carroll O., and S. A. Guerrieri, to The Lummus Co. Continuous impregnating and pulping process. 3,165,436, 1–12–65, Cl. 162—19.
Bennett, Charles D. Electronic timing and cutting apparatus. 3,211,036, 10–12–65, Cl. 83—210.
Bennett, Charles D. Electronic timing and cutting apparatus and method. 3,212,377, 10–19–65, Cl. 83—42.
Bennett, Charles F., Sr. Load-compensating load handling machines. 3,185,316, 5–25–65, Cl. 212—49.
Bennett, Charles H., to Koehring Co. Die casting machine. 3,208,113, 9–28–65, Cl. 22—68.
Bennett, Charles R.: *See*—
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Bennett, Clifton F., and D. W. Goheen, to Crown-Zellerbach Corp. Making methanesulfonyl chloride. 3,226,433, 12–28–65, Cl. 260—543.
Bennett, David, to Modern Millinery Box Corp. Bottom center-fold erectable hat box containing an oval hat platform. 3,191,764, 6–29–65, Cl. 206—8.
Bennett, Donald C.: *See*—
Mays, Howard D., Bennett, and Anzuini. 3,189,177.
Bennett, Donald C. Flow-meter. 3,164,018, 1–5–65, Cl. 73—228.
Bennett, Donald C. Electromagnetic flow control system. 3,206,160, 9–14–65, Cl. 251—65.
Bennett, Dwight G., R. M. Spriggs, and H. G. Lefort, to United States of America, Air Force. Elevated temperature resistant ceramic structural adhesives. 3,171,750, 3–2–65, Cl. 106—48.
Bennett, Dwight G., R. M. Spriggs, and H. G. Lefort, to United States of America, Air Force. Elevated temperature resistant ceramic structural adhesives. 3,180,742, 4–27–65, Cl. 106—48.
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Bennett, Edward Y., Jr., to The Magnavox Co. Overvoltage protection circuit for power converters. 3,206,695, 9–14–65, Cl. 331—62.
Bennett, Foster C., to The Dow Chemical Co. Vacuum die casting of molten metals. 3,178,782, 4–20–65, Cl. 22—68.
Bennett, Foster C., F. E. Robbins, and R. E. Warnock, to The Dow Chemical Co. Metering and delivery apparatus for molten metal and method of use. 3,184,811, 5–25–65, Cl. 22—70.
Bennett, Foster C., F. E. Robbins, and R. E. Warnock, to The Dow Chemical Co. Metering and delivery apparatus for molten metal and method of use. 3,184,812, 5–25–65, Cl. 22—70.
Bennett, Foster C., and F. E. Robbins, to The Dow Chemical Co. Heating assembly for pipe line. 3,206,179, 9–14–65, Cl. 263—4.
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Bennett, Hilliard D. Wall bed structure. 3,179,956, 4–27–65, Cl. 5—136.
Bennett, James S., to Moore Products Co. Pneumatic transmitters. 3,181,547, 5–4–65, Cl. 137—82.
Bennett, John D.: *See*—
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Bennett, John D., to Sun Oil Co. Closure means for withstanding high pressures. 3,182,850, 5–11–65, Cl. 220—46.
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Bowers, Eric, and G., and Bennett. 3,188,744.
Bennett, John H., to Minnie Punch & Die Co., Inc. Punching die set. 3,186,284, 6–1–65, Cl. 83—623.
Bennett, Leonard M., to George Kent (Stroud) Ltd. Electrode assembly for electromagnetic flowmeters. 3,171,990, 3–2–65. Cl. 310—11.
Bennett, Leonard M., to George Kent (Stroud) Ltd. Flowmeter electrodes. 3,180,144, 4–27–65, Cl. 73—194.
Bennett, Leslie H.: *See*—
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Decker, William H., Rieck, and Bennett. Re. 25,738.
Bennett, Marvin D. and R. D., to Royal Industries, Inc. Constant delivery positive displacement pump. 3,172,363, 3–9–65, Cl. 103—6.
Bennett, Marvin D. and R. D., to Royal Industries, Inc. Mixing machine. 3,199,795, 8–10–65, Cl. 241—101.
Bennett, Milton C., to J. I. Case Co. Regulator. 3,224,196, 12–21–65, Cl. 60—52.
Bennett, Moreland P., and E. L. Hughes, to General Electric Co. Electrode for electrical resistance heating tool. 3,213,-259, 10–19–65. Cl. 219—119.
Bennett Respiration Products, Inc.: *See*—
Beasley, Noel F. 3,221,733.
Beasley, Noel F. 3,221,734.
Wilson, Robert K. 3,191,595.
Bennett, Richard D.: *See*—
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Bennett, Marvin D. and R. D. 3,199,795.
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Bennett, Richard L., and F. O. Underwood, to International Business Machines Corp. Data editing system. 3,185,966, 5–25–65, Cl. 340—172.5.
Bennett, Richard R. Charcoal grill. 3,191,591, 6–29–65, Cl. 126—25.

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Abramson, Paul, Bennett, and Stilwell. 3,215,984.
Bennett, Robert H. Remote control of selector switches. 3,196,400, 7–20–65, Cl. 340—151.
Bennett, Robert M., to Container Corp. of America. Master shipping container for multi-unit packages. 3,212,636, 10–19–65, Cl. 206—65.
Bennett, Robert N., to The Oilgear Co. Hydraulic engine. 3,168,006, 2–2–65, Cl. 91—176.
Bennett, Robert P.: *See*—
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Bennett, Robert P., and W. O. Lichtner, Jr., to Cornell-Dubilier Electric Corp. Pulse operated remote control system. 3,197,683, 7–27–65, Cl. 318—16.
Bennett, Robert P., ⅔ each to M. W. Chapman, R. E. Ward, Jr., and W. S. Ward. Insecticidal application device. 3,212,211, 10–19–65, Cl. 43—148.
Bennett, Rowland C., to Skil Corp. Rotary driving tool with variable pitch spring. 3,194,370, 7–13–65, Cl. 192—56.
Bennett, Sydney. Reinforced concrete structures having formwork embedded therein. 3,223,378, 12–14–65, Cl. 249—15.
Bennett, Walter, to Utility Trailer Mfg. Co. Perimeter cooled cargo container. 3,224,500, 12–21–65, Cl. 165—53.
Bennett, Willard H. Ion probe for measuring interplanetary medium. 3,222,562, 12–7–65, Cl. 313—231.
Bennett, William N., to Cypress Gardens Skis, Inc. Water ski display rack. 3,164,256, 1–5–65, Cl. 211—60.
Bennett, William O., W. W. Mutter, and E. Van Haaften, to Bulova Watch Co., Inc. Electronically-controlled timepiece and motion transformer therefor. 3,184,981, 5–25–65, Cl. 74—142.
Bennett, William O., W. W. Mutter, and E. Van Haaften, to Bulova Watch Co., Inc. Tuning fork frequency adjuster. 3,202,848, 8–24–65, Cl. 310—25.
Bennett, William O., W. W. Mutter, and E. Van Haaften, to Bulova Watch Co., Inc. Transducer for electronically-controlled timepiece. 3,221,190, 11–30–65, Cl. 310—25.
Bennett, William R., Jr., to Bell Telephone Laboratories, Inc. Frequency stabilized optical maser. 3,170,122, 2–16–65, Cl. 331—94.5.
Bennett, William R., Jr., to Bell Telephone Laboratories, Inc. Gaseous optical maser. 3,172,057, 3–2–65, Cl. 331—94.5.
Bennewitz, Robert H., H. R. Hedlund, and H. K. Wethe, to Union Carbide Corp. Railroad rail pressure butt welding. 3,212,184, 10–19–65, Cl. 29—475.
Benning, Anton, and O. Grosskinsky, to Bergwerksverband G.m.b.H. Method for oxidizing organic substances. 3,173,-947, 3–16–65, Cl. 260—524.
Benning, Calvin J., R. S. Gregorian, and F. X. Werber, to W. R. Grace & Co. Process for forming cross-linked polyethylene film. 3,201,503, 8–17–65, Cl. 264—95.
Benning, Calvin J., and F. X. Werber, to W. R. Grace & Co. Coating and laminating process. 3,215,580, 11–2–65, Cl. 156—332.
Benninger, James A., Jr., to R. D. Werner Co., Inc. Ladder attachments. 3,223,369, 12–14–65, Cl. 248—210.
Bennion, David R., and D. C. Engelbart, to AMP Inc. Bidirectional shift register utilizing flux pumping. 3,208,052, 9–21–65, Cl. 340—174.
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Bennon, Saul, to Westinghouse Electric Corp. Electrical inductive apparatus having coolant ducts in insulation. 3,183,460, 5–11–65, Cl. 336—57.
Benny, Alan H. B., and A. Trainor, to North American Philips Co., Inc. Semi-conductor device with copper-boron alloyed electrode and method of making the same. 3,181,981, 5–4–65, Cl. 148—185.
Beno, George A., to The Bridgeport Machines, Inc. Automatic pick-feed attachment. 3,205,781, 9–14–65, Cl. 90—21.
Benoit, George J., Jr., to California Research Corp. Fatty acid polyamide. 3,169,980, 2–16–65, Cl. 260—404.5.
Benoit, Jean, to Merlin & Gerin, Etablissements. Device for determining the relative position of two objects. 3,220,-005, 11–23–65. Cl. 343—112.
Benoit, Louis. Fishing tackle dropaway sinker. 3,177,606, 4–13–65, Cl. 43—43.12.
Benoit, Paul H., to United States of America, Army. Disconnectable cartridge belt link. 3,190,179, 6–22–65, Cl. 89—35.
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Benoit, Roland A., R. F. Gingras, and R. H. Duprey. Article holder. 3,182,808, 5–11–65, Cl. 211—69.
Bens, Jean R., to Compagnie Generale de Radiologie. Fluid sample holders for X-ray spectrometers under vacuum. 3,218,459, 11–16–65, Cl. 250—51.5.
Bensema, Eugene, to United States Steel Corp. Apparatus for monitoring vibrations of a fan. 3,195,034, 7–13–65, Cl. 318—460.
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Bensinger, Wolf-Dieter, to Daimler-Benz Aktiengesellschaft. Rotary piston engine. 3,196,848, 7–27–65, Cl. 123—8.
Benson, Alfred B., to Sensing Devices, Inc. Unitary sheath securing means for sensing brush contact devices. 3,193,-654, 7–6–65, Cl. 200—166.
Benson, Bernard S., to Bank of America National Trust and Savings Assn. Automatic iris control by camera film magazine. 3,194,133, 7–13–65, Cl. 95—10.
Benson, Bernard S., and R. R. Campbell, to Bank of America National Trust and Savings Association. Panoramic film viewer with gyroscopic stabilizing reference means. 3,218,-910, 11–23–65, Cl. 88—1.
Benson, Carl F., to The Torrington Co. Preloaded universal joint. 3,217,515, 11–16–65, Cl. 64—7.
Benson, Carl F., and J. H. Cowles, to The Torrington Co. Overrunning clutch and cage therefor. 3,184,020, 5–18–65, Cl. 192—45.
Benson, Carl F., and J. H. Cowles, to The Torrington Co. Unitary assembly of overrunning clutch and bearing. 3,194,368, 7–13–65, Cl. 192—45.
Benson, Clark K., and A. A. Caridis, to Heat & Control, Inc. Food cooker. 3,209,678, 10–5–65, Cl. 99—406.
Benson, Clark K., and A. A. Caridis, to Heat and Control, Inc. Food washing and cooking apparatus. 3,223,024, 12–14–65, Cl. 99—352.
Benson, Donald H., and W. R. Pratt, to Vanguard Abrasive Corp. Diamond abrasive saw blade. 3,201,902, 8–24–65, Cl. 51—206.
Benson, Elliot W., to Foster Wheeler Corp. Downflow stability ararngement. 3,204,612, 9–7–65, Cl. 122—406.
Benson, Fritz C., to The H. B. Ives Co. Door stop. 3,174,-179, 3–23–65, Cl. 16—137.
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Benson, Gustav E. V. Closing device for containers filled with pastes or liquids. 3,203,603, 8–31–65, Cl. 222—494.
Benson, Harold R., to The Nuarc Co. Photographic work table. 3,204,545, 9–7–65, Cl. 95—100.
Benson, Harry A. Feeding mechanism for envelope printing press. 3,175,822, 3–30–65, Cl. 271—2.
Benson, Hector E. Electromagnetic device having a permanent magnet armature. 3,218,523, 11–16–65. Cl. 317—172.
Benson, Homer E., to Con-Gas Service Corp. Process for the preparation of mixtures of hydrogen, carbon monoxide and methane. 3,222,147, 12–7–65, Cl. 48—197.
Benson, Horace P., to B & J Jewelry Co., Inc. Belt buckle. 3,174,202, 3–23–65, Cl. 24—230.
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Benson, Jack J., to Williams Research Corp. Gas turbine. 3,203,181, 8–31–65, Cl. 60—39.51.
Benson, James M., to Hastings-Raydist, Inc. Thermal flowmeter. 3,181,357, 5–4–65, Cl. 73—240.
Benson, Jewell R. Asphalt penetrative ground stabilizer. 3,216,336, 11–9–65, Cl. 94—23.
Benson, John O., to General Mills, Inc. Continuous enrobing machine. 3,167,035, 1–26–65, Cl. 107—54.
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Benson, Robert, and A. Zilgalvis, to Stewart-Warner Corp. Fluorescent light reversing circuit for facsimile transmitters. 3 198,982, 8–3–65, Cl. 315—97.
Benson, Walter E., and J. M. Lindsley, to J. M. Nash Co., Inc Gun case. 3,191,652, 6–29–65, Cl. 150—52.
Benson, Wilfred Y., and L. W. Marsh, Jr., to Anelex Corp. Type-setting mechanism for high speed printers. 3,176,610, 4–6–65, Cl. 101—93.
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Benedict, Franklyn L., and Cleminshaw. 3,204,597.
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Bentele, Max, to Curtiss-Wright Corp. Seals for rotary mechanisms. 3,180,562, 4–27–65, Cl. 230—145.
Bentele, Max, to Curtiss-Wright Corp. Rotor and seal construction for rotary mechanisms. 3,193,188, 7–6–65, Cl. 230—145.
Bentele, Max, to Curtiss-Wright Corp. Rotating combustion engine with direct fuel injection. 3,196,852, 7–27–65, Cl. 123—8.
Bentele, Max, and W. J. Derner, to Curtiss-Wright Corp. Oil seal construction for rotary combustion engines. 3,171,-590, 3–2–65, Cl. 230—207.
Bentele, Max, C. Jones, and A. H. Raye, to Curtiss-Wright Corp. Cooling system for a rotary mechanism. 3,176,915, 4–6–65, Cl. 230—210.
Benteler, Helmut, and W. Vogel, to Benteler-Werke Aktiengesellschaft. Apparatus for the extrusion pressing of tubes, specially steel tubes. 3,201,966, 8–24–65, Cl. 72—264.
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Bentley, Clarence H., to Modern Faucet Mfg. Co. Shower head. 3,206,234, 9–14–65, Cl. 285—268.
Bentley, Edward P., and C. A. Speas, to Kollmorgen Corp. Acceleration sensitive device and operative means associated therewith. 3,195,357, 7–20–65, Cl. 73—503.
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Deans, Frederick E., and Klee. 3,218,830.
Deans, Frederick E., and Wainwright. 3,186,242.

Bentley, Floyd W. Radiant panel heated chicken brooder. 3,206,121, 9–14–65, Cl. 237—15.
Bentley, George P., and G. H. Lovins, to Kollmorgen Corp. Method of producing aspheric surfaces on mirrors or lenses. 3,210,894, 10–12–65, Cl. 51—284.
Bentley, Herman R., to Sinclair Research, Inc. Process for making a hydrocarbon extending oil for rubber. 3,193,497, 7–6–65, Cl. 208—271.
Bentley, James S., to Teleflex Products Ltd. Controls. 3,218,880, 11–23–65, Cl. 74—502.
Bentley, John M., to Westinghouse Electric Corp. Voltage comparator circuit. 3,194,982, 7–13–65, Cl. 307—88.5.
Bentley, John M., to Westinghouse Electric Corp. Retentive memory circuit for loss of power supply. 3,211,919, 10–12–65, Cl. 307—88.5.
Bentley, John M., to Westinghouse Electric Corp. Semiconductor amplifier. 3,218,467, 11–16–65, Cl. 307—88.5.
Bentley, John M., and J. H. Brown, to United States of America, Navy. Alternating current digital to analog decoder. 3,223,992, 12–14–65, Cl. 340—347.
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Bently, George K., and G. W. Mathis, to McCray Refrigerator Co., Inc. Frozen food display case. 3,218,822, 11–23–65, Cl. 62—256.
Bento, Robert, E. L. Fogle, and R. G. Lascola, to Westinghouse Electric Corp. Semiconductor amplitude modulator apparatus. 3,170,126, 2–16–65, Cl. 332—31.
Bento, Robert, I. F. Barditch, and F. Rachal, to Westinghouse Electric Corp. Signal seeking receiving apparatus. 3,189,829, 6–15–65, Cl. 325—470.
Bento, Robert: *See*—
Barditch, Irving F., Bento, and Freeman. 3,204,192.
Barditch, Irving F., Donovan, and Bento. 3,195,077.
Benton, Charles H., to Eastman Kodak Co. Universal machining fluid. 3,205,172, 9–7–65, Cl. 252—49.5.
Benton, Charles H., Jr., to Eastman Kodak Co. Autogenous, vitamin E active beadlet product and process. 3,221,029, 11–30–65, Cl. 260—345.5.
Benton, Dorothy H.: *See*—
Holcombe, Samuel M. 3,197,263.
Benton, Earl M. Electro-separator for separation of dry comminuted material. 3,217,880, 11–16–65, Cl. 209—130.
Benton, Robert C., to Centre Circuits, Inc. Layout table and coordinate reader. 3,165,834, 1–19–65, Cl. 33—1.
Benton, Robert C., to Centre Circuits, Inc. Positioning table with compensating mechanism. 3,169,321, 2–16–65, Cl. 33—125.
Benton, Robert C., to Centre Circuits, Inc. Table stopping device having null sensor. 3,184,599, 5–18–65, Cl. 250—220.
Benton, Robert C., to Chemcut Corp. Photosensitive table positioning control. 3,210,550, 10–5–65, Cl. 250—234.
Benton, Robert C., and R. R. Whitehouse, to Chemcut Corp. Automatic motor controlled positioning apparatus. 3,210,632, 10–5–65, Cl. 318—162.
Benton, Robert C., and G. Decker, to Chemcut Corp. Method and apparatus for etching. 3,224,914, 12–21–65, Cl. 156—2.
Bentov, Itzhak E. Method of explosively forming fibers. 3,165,826, 1–19–65, Cl. 29—419.
Bentov, Itzhak, and R. M. Jolkovski, 50% to Delavan Mfg. Co., and 50% to The Aro Corp. Method of encapsulating liquid particles in thermoplastic shell. 3,167,602, 1–26–65, Cl. 264—4.
Bentsen, Arthur R., to General Electric Co. Portable phonograph. 3,167,314, 1–26–65, Cl. 274—2.
Bentsen, Arthur R., to General Electric Co. Compact console phonograph. 3,169,772, 2–16–65, Cl. 274—2.
Bentsen John A.: *See*—
Marks, Eugene A., Bentsen, and Hofmann. 3,173,120.
Benty, John L.: *See*—
McFarland, Donald L., and Benty. 3,192,882.
Bentz, Erwin J. H., and R. R. McCutchen, to Caterpillar Tractor Co. Cooling arrangement for supercharged engines. 3,203,499, 8–31–65, Cl. 180—68.
Bentzman, Louis, to Rudd-Melikian, Inc. Article dispensing machine. 3,193,135, 7–6–65, Cl. 221—6.
Benveniste, Jacques: *See*—
West, Charles P., and Benveniste. 3,166,510.
Benvenuto, Alfred R., to Joy Mfg. Co. Shuttle car motor control. 3,226,622, 12–28–65, Cl. 318—225.
Benway, Robert E., to Radio Corp. of America. Electron gun. 3,164,426, 1–5–65, Cl. 313—82.
Benway, Robert E., to Radio Corp. of America. Shielding of electron gun from vaporized getter by decomposable foil over electrode aperture. 3,183,391, 5–11–65, Cl. 313—181.
Benyi, Alexander, Jr.: *See*—
Miller, Guy W., and Benyi. 3,186,720.
Benyon, John: *See*—
Nutter, Walter, and Benyon. 3,192,573.
Benz, George W.: *See*—
Calva, José B. 3,169,839.
Benz, Gordon R., R. J. Kinsler, and A. B. Huntington, to Ross Operating Valve Co. Valve system. 3,170,484, 2–23–65, Cl. 137—596.16.
Benz, Jakob, A. Schweizer, and H. Wasem, to Sandoz Ltd. Reactive azo dyestuffs. 3,170,911, 2–23–65, Cl. 260—153.
Benz, Jakob, H. Burkhard, K. Kaegi, and H. von Tobel, to Sandoz Ltd. Pyrimidine dyestuffs. 3,183,224, 5–11–65, Cl. 260—146.
Benz, Jakob, K. Brenneisen, A. Schweizer, and W. Wehrli, to Sandoz Ltd. Water-soluble reactive dyes. 3,206,451, 9–14–65, Cl. 260—153.
Benz, Jakob, and A. Schweizer, to Sandoz Ltd. Metal-containing reactive azo chloropyrimidine dyestuffs. 3,208,990, 9–28–65, Cl. 260—146.
Benz, Jakob, H. Ischer, K. Kaegi, H. Siegrist, and H. Uehlinger, to Sandoz Ltd. Pyrimidine dyestuffs. 3,213,078, 10–19–65, Cl. 260—146.
Benz, Jakob, and H. Ischer, to Sandoz Ltd. Pyrimidine azo dyestuffs. 3,218,310, 11–16–65, Cl. 260—154.
Benz, Rudolf: *See*—
Voller, Rolf, Focke, and Benz. 3,172,303.
Benzel, Howard A. Boat mooring device. 3,183,877, 5–18–65, Cl. 114—230.
Benzinger, Theodor H., to United States of America, Navy. Miniaturized reaction vessel with reaction injection means, and method of mixing small quantities of liquids. 3,193,357, 7–6–65, Cl. 23—230.
Benzinger, Theodor H., to United States of America, Navy. Miniaturized reaction vessel. 3,211,531, 10–12–65, Cl. 23—259.
Benziger, Theodore M., and R. K. Rohwer, to United States of America, Atomic Energy Commission. Preparation of nitroalkyl chlorides. 3,207,796, 9–21–65, Cl. 260—644.
Benzing, Erhard P., to Monsanto Co. Hydrazodicarboxylic acid dihydrazides. 3,171,857, 3–2–65, Cl. 260—554.
Benzler, Hartwig, to Babcock & Wilcox, Ltd. Shielding arrangement for a spherical nuclear reactor vessel. 3,182,000, 5–4–35, Cl. 176—40.
Beran, Charles J.: *See*—
Buschman, Francis X., and Beran. 3,223,564.
Beran, Robert G. E.: *See*—
Richter, Donald L., Beran, and Beruldsen. Re. 25,914.
Berardinelli, Anthony J. Coin dispenser support. 3,214,124, 10–26–65, Cl. 248—278.
Berardinelli, Frank M.: *See*—
Hudgin, Donald E., and Berardinelli. 3,200,096.
Berardinelli, Frank M., to Celanese Corp. of America. Stabilization of oxymethylene copolymers with an hydroxy containing reactant. 3,219,623, 11–23–65, Cl. 260—45.95
Berberick, Frank A., to Western Electric Co., Inc. Article positioning apparatus. 3,192,813, 7–6–65, Cl. 83—365.
Berchtold, Glenn A., to E. I. du Pont de Nemours and Co. N,N′ disubstituted dicarboxamides and dithiocarboxamides prepared from monoenamines. 3,182,060, 5–4–65, Cl. 260—247.2.
Berchtold, Max, to I-T-E Circuit Breaker Co. Wave machine to initiate scavenging of internal combustion. 3,180,077, 4–27–65, Cl. 60—13.
Berchtold, Max, to Escher Wyss Aktiengesellschaft. Varying the pressure level of a closed-cycle gas turbine plant. 3,220,191, 11–30–65, Cl. 60—59.
Berchtold, Max, and C. Keller, to Escher Wyss Aktiengesellschaft. Transfer of the working medium in the working medium exchange between a closed-cycle gas turbine plant and a reservoir. 3,218,807, 11–23–65, Cl. 60—59.
Bercik, Paul G., H. Beuther, and A. M. Henke, to Gulf Research & Development Co. Process for preparing a jet fuel. 3,175,970, 3–30–65, Cl. 208—212.
Bercik, Paul G., A. M. Henke, and L. D. Moore, to Gulf Research & Development Co. Process for hydrocracking of nitrogen containing hydrocarbon oils with countercurrent flow of the oil with hydrogen in the reactor. 3,222,272, 12–7–65, Cl. 208—111.
Bercovitz, Louis, to Louber Corp. Mechanically operable brush. 3,214,776, 11–2–65, Cl. 15—26.
Berczynski, Frank A., to John Mohr & Sons. Fluid cooled valve. 3,207,174, 9–21–65, Cl. 137—315.
Beredjick, Nicky, to Standard Oil Co. Method of making polystyrene-ethylene graft copolymer and product therefrom. 3,187,067, 6–1–65, Cl. 260—877.
Beredjick, Nicky, to Standard Oil Co. Distillant treatment to accelerate evaporation and condensate treatment to retard evaporation. 3,220,934, 11–30–65, Cl. 202—56.
Beregi, Laszlo G., P. J. Hugon, J.-C. R. Le Douarec, and H. L. Schmitt, to Societe en nom collectif dite: Science-Union & Compagnie-Societe Francaise de Recherches Medicales. 1-(trifluoromethylphenyl)-2-lower-alkylaminopropanes and acid addition salts thereof. 3,198,833, 8–3–65, Cl. 260—570.8.
Beregi, Laszlo G., P. Hugon, J.-C. Le Douarec, and H. Schmitt, to Societe en nom Collectif dite: "Science Union et Cie Societe Francaise de Recherche Medicale" Suresnes. Optical isomers of trifluoromethylated phenethylamines. 3,198,834, 8–3–65, Cl. 260—570.8.
Berek, Eberhard: *See*—
Linke, Johannes, and Berek. 3,186,303.
Berenbak, William M., and L. J. Erb, to Allied Chemical Corp. Cutting of cellular resinous bodies into slabs. 3,212,376, 10–19–65, Cl. 83—4.
Berenbom, George: *See*—
Rieger, Martin M., and Berenbom. 3,186,911.
Berendt, Carol D.: *See*—
Berendt, Ralph S. and C. D., and Bernthal. 3,186,127.
Berendt, Ralph S. and C. D., and Bernthal. 3,186,714.

Berendt, Ralph S. and C. D., and M. Bernthal, to Capsle, Inc. Bottle cap toys. 3,186,127, 6–1–65, Cl. 46—151.
Berendt, Ralph S. and C. D., and M. Bernthal, to Capie, Inc. Blank foldable to form a paper paddle. 3,186,714, 6–1–65, Cl. 273—96.
Berens, Heinrich, to Reimers-Getriele KG. Infinitely variable cone pulley transmission. 3,190,135, 6–22–65, Cl. 74—230.17.
Berens, Walter: *See*—
Depenbrock, Manfred, Berens, and Kielgas. 3.204,168.
Beresford, Aden N.: *See*—
Asteraki, John D., Barnard, and Beresford. 3,171,127.
Beresic, John I. Aggregate consolidating and sacking machine. 3,220,499, 11–30–65, Cl. 177—62.
Bereskin, Alexander B. Apparatus for enabling the H_1, H_2, H_0, and H_r characteristics of transistors to be derived. 3,200,335, 8–10–65, Cl. 324—158.
Beresniewicz, Aleksander, and J. A. Simms, to E. I. du Pont de Nemours and Co. Wax-ethylene terpolymer composition. 3,215,657, 11–2–65, Cl. 260—28.5.
Beretta, Pier C. Actuating mechanism for automatic shotgun. 3,174,401, 3–23–65, Cl. 89—192.
Beretta, Pier G., to Fabbrica d'Armi P. Beretta S.p.A. Device for delaying the arming of combination automatic and semi-automatic fire-arms. 3,203,312, 8–31–65, Cl. 89—129.
Beretvas, Helen S., to Standard Oil Co. Lubricants containing alkyl phenol lactates. 3,216,938, 11–9–65, Cl. 252—48.6.
Berex Establishment: *See*—
Guiot, Maurice. 3,173,075.
Berezansky, John D.: *See*—
Gdovichin, George G., and Berezansky. 3,172,973.
Bereziat, André L., N. Bullukian, and L. G. Chelle, to Shell Oil Co. Closure assembly for containers. 3,207,375, 9–21–65, Cl. 222—81.
Berezin, Evelyn, to Curtiss-Wright Corp. Electronic calculator with dynamic recirculating storage register. 3,187,-167, 6–1–65, Cl. 235—159.
Berezin, Gilbert H., B. C. Fischback, and G. H. Harris, to The Dow Chemical Co. Thiocarbonic acid esters of difunctional phenols. 3,172,900, 3–9–65, Cl. 260—455.
Berezin, Gilbert H., and G. H. Harris, to The Dow Chemical Co. Thiolcarboxylic acid esters and preparation thereof. 3,219,679, 11–23–65, Cl. 260—455.
Bereznak, John: *See*—
Arseneau, Roger E., and Bereznak. 3,204,043.
Arseneau, Roger E., Bereznak, and Osborn. 3,221,105.
Bereznak, John, to International Telephone and Telegraph Corp. Electronic switching matrix. 3,201,520, 8–17–65, Cl. 179—18.
Berg Airlectro Products Co.: *See*—
Brodl, Edward J., Dobrikin, and Mastis. 3,167,973.
Dobrikin, Harold L. 3,182,362.
Dobrikin, Harold L., and Horowitz. 3,181,917.
Horowitz, Charles. 3,165,120.
Horowitz, Charles. 3,168,353.
Klimak, Boleslaw. 3,177,313.
Berg, Arthur A., to Berg Mfg. & Sales Co. Safety check valve. 3,191,620, 6–29–65, Cl. 137—551.
Berg, Arthur A., H. L. Dobrikin, and C. Horowitz, to Berg Mfg. & Sales Co. Brake system and release. 3,182,566, 5–11–65, Cl. 92—24.
Berg, Carl J., to Minnesota Mining and Mfg. Co. Polymer derivatives of 1,3-propanesultam. 3,216,980, 11–9–65, Cl. 260—79.3.
Berg, Daniel, and P. J. Malinaric, to Westinghouse Electric Corp. Electrical stress-grading coatings. 3,210,461, 10–5–65, Cl. 174—127.
Berg, David M. Concrete form tie having flexible threads and associated bolt and method of making said tie. 3,164,-878, 1–12–65, Cl. 25—131.
Berg, Edward C.: *See*—
Broadway, Ralph H. 3,185,445.
Berg, Edward T. Mold member for forming a control joint. 3,166,816, 1–26–65, Cl. 25—128.
Berg, Edward T. Reglet construction. 3,168,798, 2–9–65, Cl. 50—47.
Berg, Elaine. Caps for nurses or the like. 3,221,345, 12–7–65, Cl. 2—198.
Berg, Eldon L., to Continental Can Co., Inc. Method and apparatus for packaging products in cartons. 3,214,880, 11–2–65, Cl. 53—23.
Berg, Gordon C., to Tony Piet Motor Sales, Inc. Internal combustion engines and motor vehicles. 3,172,348, 3–9–65, Cl. 98—2.
Berg, Harold A., to Minnesota Mining and Mfg. Co. Reflective dry strip transfer. 3,172,942, 3–9–65, Cl. 88—82.
Berg, Harold I. Lifting tool. 3,198,362, 8–3–65, Cl. 214—370.
Berg, Jack A., to Marine Swimming Pool Equipment Co. Cleaning device for swimming pools. 3,168,896, 2–9–65, Cl. 134—167.
Berg, Karl E.: *See*—
Ekma, Lars G., and Berg. 3,211,344.
Muggli, Lawrence A., and Berg. 3,169,496.
Berg Mfg. & Sales Co.: *See*—
Berg, Arthur A. 3,191,620.
Berg, Arthur A., Dobrikin, and Horowitz. 3,182,566.
Dobrikin, Harold L., and Horowitz. 3,177,779.
Horowitz, Charles. 3,224,815.
Horowitz, Charles, Dobrikin, and Mastis. 3,182,849.
Jousma, Richard, and Faley. 3,208,425.
Mastis, Victor. 3,178,671.
Berg, Paul O. Wall structure. 3,209,504, 10–5–65, Cl. 52—479.
Berg, Ralph L., to Controls Co. of America. Cam operated timing mechanism. 3,170,996, 2–23–65, Cl. 200—38.
Berg, Ralph L., to Controls Co. of America. Timer with adjustable cam-operated switch. 3,204,050, 8–31–65, Cl. 200—38.
Berg, Robert A., to Weyerhaeuser Co. Display carton and display package. 3,184,046, 5–18–65, Cl. 206—45.14.
Berg, Robert H., to Abbott Laboratories. Filter. 3,217,889, 11–16–65, Cl. 210—448.
Berg, Tore. Ironing machine. 3,168,786, 2–9–65, Cl. 38—59.
Bergauer, Simon A. Test adapter with plug-in pins electrically connected to conductive elements axially spaced about its exterior periphery. 3,187,125, 6–1–65, Cl. 200—51.05.
Berge, Joseph M. Modular wall panel with self-locking detachable article supporting brackets. 3,172,540, 3–9–65, Cl. 211—87.
Berge, Kenneth H., to Clark Equipment Co. Hydraulic control system for moving clamping members on a lift truck laterally, independently of each other, and simultaneously in the same and opposite directions. 3,184,088, 5–18–65, Cl. 214—653.
Berge, Ralph I., A. B. Cistola, and C. O. Wilson, to International Business Machines Corp. Electronic component packaging. 3,164,749, 1–5–65, Cl. 317—101.
Bergen, Edward C., to Wellmade Metal Products Co. Adjustable roof safe and cap assembly. 3,200,735, 8–17–65, Cl. 98—46.
Bergen, James W., and E. F. Cove, to ACF Industries Inc. Drive mechanism for collapsible trailer hitches on railway cars. 3,188,982, 6–15–65, Cl. 105—368.
Bergen, Jay H., to The O. M. Scott and Sons. Lawn mower bedknife adjustment. 3,187,492, 6–8–65, Cl. 56—249.
Bergen Laboratories, Inc.: *See*—
Preiser, Herman S., and Cook. 3,169,105.
Bergen, Robert L., Jr., to United States Rubber Co. Composition resistant to stress-cracking in solvents comprising graft copolymer-resin blend containing diamine. 3,198,853, 8–3–65, Cl. 260—876.
Bergenwall, Henning O., to Merex Furniture Co. Ltd. Hospital bed. 3,175,229, 3–30–65, Cl. 5—66.
Berger, Alan: *See*—
Grabosky, Marvin H., Berger, and De Feo. 3,172,530.
Berger, Albert E., Jr., to Austin Continental Industries, Inc. Three member slide mechanism for cabinet drawers. 3,186,-785, 6–1–65, Cl. 312—339.
Berger, Alexandre, and R. A. M. Toesca. Combination of a free turbine with a plurality of gas generators. 3,199,-292, 8–10–65, Cl. 60—39.16.
Berger, Alfred: *See*—
Casty, Richard, Abel, Maeda, and Berger. 3,218,116.
Casty, Richard, Berger, Mosimann, and Abel. 3,211,514.
Berger, Alfred, to Ciba Ltd. Amine salt of a quaternary ammonium-containing acid. 3,174,985, 3–23–65, Cl. 260—404.5.
Berger, Alfred, to Ciba Ltd. Paraffin oil dye assistant and wool dyeing therewith. 3,211,512, 10–12–65, Cl. 8—18.
Berger, Alfred, to Ciba Ltd. Composition for reducing readiness with which synthetic fibers accept an electric charge. 3,211,646, 10–12–65, Cl. 252—8.8.
Berger, Alvin J., to Honeywell Inc. Air conditioning control apparatus. 3,170,629, 2–23–65, Cl. 236—1.
Berger, Arthur, and E. E. Borgaes, to Baxter Laboratories Inc. Benzyl ureas. 3,164,632, 1–5–65, Cl. 260—553.
Berger, Bernard B., C. D. Miller, and G. Langer, to IIT Research Institute. Electrostatic encapsulation. 3,208,951, 9–28–65, Cl. 252—316.
Berger Brothers Co., The: *See*—
Champagne, Emory C. 3,203,423.
Leoffel, Lester H. 3,194,241.
Berger, Bruno, and N. E. Gatiss, to C. A. Parsons & Co. Ltd. Cooled brush holder for carrying current in dynamoelectric machines. 3,206,630, 9–14–65, Cl. 310—227.
Berger, C. L., & Sons, Inc.: *See*—
Goguen, Donald J., and Coleman. 3,192,631.
Berger, Charles V., to Universal Oil Products Co. Production of hydrogen. 3,205,044, 9–7–65, Cl. 23—212.
Berger, Christian D.: *See*—
Duff, Jack E., Graves, and Berger. 3,192,415.
Berger, Christian D., to The Hoover Co. Variable speed power propelled appliances. 3,218,876, 11–23–65, Cl. 74—202.
Berger, Donald E., to Phillips Petroleum Co. Automatic control and optimization of a fluidized catalytic cracker. 3,175,968, 3–30–65, Cl. 208—164.
Berger, Donald E., to Phillips Petroleum Co. Heat supply controller. 3,177,125, 4–6–65, Cl. 202—40.
Berger, Donald E., to Phillips Petroleum Co. Control of exothermic process carried out in series of reactors. 3,220,998, 11—30–65, Cl. 260—94.3.
Berger, Frank M., and B. J. Ludwig. N-methyl 2,2-diphenyl-3-hydroxypropyl carbamate. 3,222,392, 12–7–65, Cl. 260—482.
Berger, George C. Vapor generating apparatus. 3,177,851, 4–13–65, Cl. 123—25.
Berger, Harold: *See*—
Wood, Irwin B., Bambry, and Berger. 3,179,559.
Berger, Heinz, and H. Berghaus, to Agfa Aktiengesellschaft. Method of influencing the graduation of color-photographic printing material. 3,186,841, 6–1–65, Cl. 96—23.

Berger, Henry G., and H. Myers, to Socony Mobil Oil Co., Inc. P_2S_5-epoxide reaction products and salts thereof. 3,197,404, 7–27–65, Cl. 252—32.7.
Berger, Jacob: *See*—
Gottfried, Louis, and Berger. 3,223,431.
Berger, James K., to General Precision, Inc. Electronic digital computer clock read amplifier. 3,207,925, 9–21–65, Cl. 307—88.5.
Berger, John R., and S. R. Rich, to Northern Industries, Inc. Defoaming system. 3,169,561, 2–16–65, Cl. 141—69.
Berger, Kornel. Junction box connector with tongue means to exclude plaster. 3,174,776, 3–23–65, Cl. 285—162.
Berger, Leo., and L. H. Sternbach, to Hoffman-La Roche Inc. 2-amino-5-cycloalkyl-3H-1,4-benzodiazepine 4-oxides. 3,179,-656, 4–20–65, Cl. 260—239.
Berger, Louis, 7½% to L. Aronson, 7½% to D. A. Wyner, and 15% to S. M. Berger. Tamperproof, encapsulated identification card. 3,204,354, 9–7–65, Cl. 40—2.2.
Berger, Martin, to Avien, Inc. Flux barrier device. 3,213,-396, 10–19–65, Cl. 336—30.
Berger, Martin, and A. L. de Graffenried, to Avien, Inc. Analog to digital converter using electroluminescent device. 3,213,445, 10–19–65, Cl. 340—347.
Berger, Noach. Powder dispensing device. 3,199,743, 8–10–65, Cl. 222—193.
Berger, Paul: *See*—
Feinberg, Albert E., and Berger. 3,195,012.
Berger, Ralph: *See*—
Flieg, Werner, and Berger. 3,218,631.
Berger, Richard M., and R. C. Sproull, to American Filtrona Corp. Smoke filter and smoking devices formed therewith. 3,217,715, 11–16–65, Cl. 131—10.
Berger, Robert L., and M. A. Youker, to E. I. du Pont de Nemours and Co. Aqueous polyurethane coating emulsions. 3,178,310, 4–13–65, Cl. 117—142.
Berger, Samuel M.: *See*—
Berger, Louis. 3,204,354.
Berger, Uriah S., to Bell Telephone Laboratories, Inc. Elimination of frequency shift in suppressed carrier systems. 3,176,226, 3–30–65, Cl. 325—49.
Bergere, Orland F.: *See*—
Irwin, Calvin W., Hubbard, and Bergere. 3,169,473.
Bergeron, James A., and J. S. Stinnett. Power unit for wheel-supported fluid conduit. 3,202,172, 8–24–65, Cl. 137—344.
Bergeson, Ragnvald. Trimmer attachment for power lawn mower. 3,192,693, 7–6–65, Cl. 56—25.4.
Bergeson, Richard P., and P. S. Decatur, to The Maytag Co. Venting structure for a combination washer-drier. 3,202,-443, 8–24–65, Cl. 285—20.
Bergeson, Raymond L., to Honeywell Inc. Level gauge capacitor with electrodes of different materials. 3,192,455, 6–29–65, Cl. 317—247.
Bergevin, Bernie B. Animal water and feed mixing and dispensing device. 3,196,835, 7–27–65, Cl. 119—51.11.
Bergevin, Charles R., and J. W. Diachenko, to The Torrington Mfg. Co. Spring looping machine. 3,194,282, 7–13–65, Cl. 140—103.
Bergevin, Jean P. Liquid sealed cooling ring. 3,179,978, 4–27–65, Cl. 18—14.
Bergey, John M., to Hamilton Watch Co. Gyratory motion translator. 3,185,254, 5–25–65, Cl. 185—29.
Bergfelt, Allan, and S. Hultgren. Apparatus for determination of the internal resistance of a mass. 3,216,243, 11–9–65, Cl. 73—101.
Bergh Bros. Co., Inc.: *See*—
Bergh, George G. and R. G. 3,164,284.
Bergh, George G. and R. G., to Bergh Bros. Co., Inc. Knock-down box construction. 3,164,284, 1–5–65, Cl. 220—4.
Bergh, Robert G.: *See*—
Bergh, George G. and R. G. 3,164,284.
Berghammer, Johannes, and S. Bloom, to Radio Corp. of America. Low noise electron gun. 3,226,595, 12–28–65, Cl. 315—16.
Berghaus, Bernhard, to Bernhard Berghaus Elektrophysikalische Anstalt. Process of and apparatus for the stabilization of high-frequency gas and glow discharges. 3,181,029, 4–27–65, Cl. 315—111.
Berghaus, Bernhard, Elektrophysikalische Anstalt: *See*—
Berghaus, Bernhard. 3,181,029.
Berghaus, Bernhard, and H. Bucek. Method of hardening work in an electric glow discharge. 3,190,772, 6–22–65, Cl. 148—16.
Berghaus, Hans: *See*—
Berger, Heinz, and Berghaus. 3,186,841.
Berghgracht, Marius: *See*—
Boone, Joseph. 3,174,456.
Boone, Joseph. 3,183,641.
Boone, Joseph. 3,193,797.
Berghgracht, Marius. Machine for flat-sealing an end of a heat-sealable lining of a box of parallelepipedic shape. 3,200,563, 8–17–65, Cl. 53—373.
Berghout, Christian F., M. Dauer, F. W. Lanard, R. P. Minx, W. E. Senoski, and U. T. Ward, to United States of America, Army. Radioactive waste material incinerator. 3,218,-997, 11–23–65, Cl. 110—18.
Bergling, Charles G. B. Cutting device for light weight concrete. 3,173,185, 3–16–65, Cl. 25—105.
Bergling, Charles G. B., and H. N. Levin, to Ingenjorsfirma Hebe Aktiebolag. Chain conveyor. 3,221,867, 12–7–65, Cl. 198—183.
Berglund, Rene A., to United States of America, National Aeronautics and Space Administration. Erectable modular space station. 3,169,725, 2–16–65, Cl. 244—1.
Bergman, Charles H.: *See*—
Bergman, Howard R. and C. H. 3,178,048.
Bergman, Charles W. Power driven earth working tillers and tractors and the like. 3,223,174, 12–14–65, Cl. 172—43.
Bergman, Donald J., to Universal Oil Products Co. Retarding skirt weld cracking in coking vessels. 3,167,486, 1–26–65, Cl. 196—133.
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Bergman, Erick W. Construction for adjusting the relative position of screw connected parts. 3,171,518, 3–2–65, Cl. 189—36.
Bergman, Howard R. and C. H. Portable elevator. 3,178,-048, 4–13–65, Cl. 214—672.
Bergman, Jack N., and B. Ostrofsky, to Standard Oil Co. Ultrasonic inspection apparatus. 3,171,047, 2–23–65, Cl. 310—8.7.
Bergman, Lars O. Process for acid and then alkaline refining fatty oils. 3,226,407, 12–28–65, Cl. 260—424.
Bergman, Richard C., to E. I. du Pont de Nemours and Co. Process for producing small particles of nitrocellulose. 3,200,092, 8–10–65, Cl. 260—17.
Bergman, Richard H., to Radio Corp. of America. Negative resistance diode pulse amplifier. 3,173,021, 3–9–65, Cl. 307—88.5.
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Bergman, Wayne K. Lever-cam operated slidable jaw wrench. 3,185,000, 5–25–65, Cl. 81—128.
Bergmann, Anders K., to Telefonaktiebolaget L M Ericsson. Telephone system for centralizing of PBX-exchanges. 3,188,397, 6–8–65, Cl. 179—27.
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Bergmann, Heinrich W., to Conch International Methane Ltd. Large capacity tank for storing and transporting low temperature liquids. 3,172,560, 3–9–65, Cl. 220—71.
Bergmann, Hermann G. A., to Leijon, Tage Nils Wilhelm, Director. Arrangement in loading and digging machines. 3,182,831, 5–11–65, Cl. 214—140.
Bergmann, Oswald R., to E. I. du Pont de Nemours, and Co. Cermet of aluminum with boron carbide or silicon carbide. 3,178,807, 4–20–65, Cl. 29—182.7.
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Bergonzo, Pierre. Flat cam for the positive mechanical control of a movable member of an automatic lathe. 3,190,142, 6–22–65, Cl. 74—568.
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Bergsma, Rudolph, to King Seeley Thermos Co. Condition responsive switch with weld breaking means. 3,193,650, 7–6–65, Cl. 200—140.
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Bergson, Gustav. Fluid metering apparatus. 3,208,644, 9–28–65, Cl. 222—249.
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Bergstedt, Karl A., to Penta, AB. Marine propulsion mechanisms. 3,175,529, 3–30–65, Cl. 115—35.
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Bergstein, Frank D., and A. B. Kleingers, Jr., to Bergstein Packaging Trust. Cast coating of paper and board. 3,189,-503, 6–15–65, Cl. 156—231.
Bergstein, Leonard. Child's combination storage chest and easel. 3,186,784, 6–1–65, Cl. 312—316.
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Bergsten, Frank R. and A. H. 3,167,838.
Bergsten, Frank R. and A. H. Apparatus for molding septic tanks. 3,167,838, 2–2–65, Cl. 25—130.
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Bergström, Erik, to Allmanna Brandredskapsaffaren AB. Hose clamps. 3,203,068, 8–31–65, Cl. 24—274.
Bergstrom, Eric V. Slide caster. 3,177,518, 4–13–65, Cl. 16—42.
Bergstrom, Eric V. Easy slide caster. 3,183,545, 5–18–65, Cl. 16—42.
Bergstrom, Eric V., to Socony Mobil Oil Co. High temperature conversion process and apparatus. 3,197,293, 7–27–65, Cl. 48—206.
Bergstrom, Ernst R., to Stora Kopparbergs Bergslags Aktiebolag. Deep-hole drill. 3,203,493, 8–31–65, Cl. 175—383.
Bergstrom, Harold A., to Continental Can Co., Inc. Plastic fitting for dispensing liquids from drums. 3,177,014, 4–6–65, Cl. 285—206.
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Bergstrom, Roland F., and R. C. Nelson, to Shell Oil Co. Lubricating compositions containing a detergent copolymer and an alkaline earth petroleum sulfonate-trialkyl amine complex. 3,192,158, 6–29–65, Cl. 252—33.4.
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Berker, Ralph C., Sr. Means for securing a non-magnetic workpiece to a magnetic chuck. 3,178,620, 4–13–65, Cl. 317—159.
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Berkey, William E., and J. R. Schuster, to Lear Siegler, Inc. Dehydrator method. 3,192,686, 7–6–65, Cl. 55—21.
Berkin, George M., to International Business Machines Corp. Sequence checking means with plural gate and latch means. 3,225,205, 12–21–65, Cl. 250—214.
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Berkow Samuel G., deceased (by L. S. Jacobson, executor, and E. D. Berkow, executrix), to Menlo Park Laboratories, Inc. Vaginal douche solution. 3,219,525, 11–23–65, Cl. 167—58.
Berkowitz, Edward B., W. H. Stadtmiller, and L. Berkowitz, to Esso Research and Engineering Co. Moderately cross-linked polymers as hydrocarbon oil additives. 3,222,282, 12–7–65, Cl. 252—51.5.
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Berkowitz, Irving L., to Kason Hardware Corp. Combination magnetic and mechanical latch. 3,201,960, 8–24–65, Cl. 70—150.
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Lane, Frank B. 3,164,392.
Lane, Frank B. 3,169,503.
Berliner, Henry A., F. B. Lane, W. L. Greene, and C. J. Clements, to Institut International Financier. Apparatus for handling extruded cementitious material and the like. 3,165,807, 1–19–65, Cl. 25—11.
Berliner, Julius F. T., to Moser Paper Co. Guar seed-boric acid or -borax embalming composition and method. 3,202,-574, 8–24–65, Cl. 167—49.5.
Berlinghof, Theo, and R. Kiesel, to Patent-Treuhand-Gesellschaft fur Elektrische Gluhlampen m.b.H. Lamp filament support. 3,173,061, 3–9–65, Cl. 313—274.
Berlings, Orests B., to Sono-Slide Corp. Picture slide projector with cooling. 3,182,548, 5–11–65, Cl. 88—24.
Berlinsky, Anthony A., and M. J. Brennan, to United States of America, Commerce. Automatic or manual multiple programmer. 3,167,244, 1–26–65, Cl. 234—15.
Berlo, Ernest J. Machine tool. 3,181,382, 5–4–65, Cl. 74–217.

Berlot, Robert R., to Giannini Controls Corp. Measurement of hypersonic flight data. 3,172,104, 3–2–65, Cl. 343—8.
Berlyn, Martin J. Rotary valve for internal combustion engines. 3,171,425, 3–2–65, Cl. 137—246.22.
Berlyn, Martin J. Vertical injection pump. 3,220,394, 11–30–65, Cl. 123—139.
Berman, Baruch, to New York Air Brake Co. Motor control system. 3,181,050, 4–27–65, Cl. 318—331.
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Berman, Herbert I., to Penn-Chem Corp. Stirrer blade. 3,207,489, 9–21–65, Cl. 259—107.
Berman, Marvin A., and A. Mayer, to Capitol Hardware Mfg. Co., Inc. Panelling support structure. 3,174,592, 3–23–65, Cl. 189—34.
Berman, Marvin A., and A. Mayer, to Capitol Hardware Mfg. Co., Inc. Panel supporting structure. 3,224,153, 12–21–65, Cl. 52—495.
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Bernard, Emil J. J., and De Leeuw, to Vereenigde Glasfabrieken (United Glassworks), N.V. Method and means for the removal of glass articles from a mould. 3,205,057, 9–7–65, Cl. 65—84.
Bernard, Frank J. Connector for display structures and the like. 3,193,634, 7–6–65, Cl. 200—51.
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O'Brien, Leo J., and Bernard. 3,187,567.
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Bernard, James A., to General Motors Corp. Removable structure with magnetic seal. 3,214,231, 10–26–65, Cl. 312—296.
Bernard, James G. Bowling ball pitch gage. 3,206,858, 9–21–65, Cl. 33—174.
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Bernard, Jean-Paul. Strand brake for aircraft arresting gear. 3,200,906, 8–17–65, Cl. 188—65.1.
Bernard, Jean-Paul, and J. Gouyou-Beauchamps, to Aerazur Constructions Aeronautiques S.A. Automatic control arrangement for aircraft barriers. 3,220,673, 11–30–65, Cl. 244—110.
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Bernard, John S. Multiple delivery pump apparatus. 3,215,-080, 11–2–65, Cl. 103—4.
Bernard, Maurice G. Semiconductor structures for microwave parametric amplifiers. 3,226,268, 12–28–65, Cl. 148—33.2.
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Bernard, Roger A., to Le Joint Francais. Fluid-tight safety device for filling, storing and emptying flexible containers. 3,190,332, 6–22–65, Cl. 150—8.
Bernard, Walter J., and J. W. Cook, to Sprague Electric Co. Electrolytic capacitor with non-film-dissolving electrolyte. 3,205,416, 9–7–65, Cl. 317—230.
Bernardi, Luigi, O. Goffredo, and G. Bosisio, to Societa Farmaceutici Italia. 6-methyl- and 1,6-dimethyl-erogoline 11 derivatives. 3,185,695, 5–25–65, Cl. 260—285.5.
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Bernat, Richard, Jr., to Snapomatic, Inc. Method of packing cylindrical containers. 3,192,682, 7–6–65, Cl. 53—32.
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Berndt, Arthur A. Composite strand connectors. 3,166,373, 1–19–65, Cl. 339—248.
Berne, Jean, to Institut Francois du Petroledes Carburants et Lubrifiants. Method and apparatus for submarine well drilling, using a flexible tubing as drill string. 3,204,708, 9–7–65, Cl. 175—6.
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Bernett, Marianne K., and W. A. Zisman, to United States of America, Navy. Lubrication system for fine mechanisms. 3,225,866, 12–28–65, Cl. 184—1.
Berney, Joseph C. Flap positioning machine. 3,184,898, 5–25–65, Cl. 53—382.
Berney, Martin. Storage, transporting and dispensing flask for liquids and powders. 3,171,573, 3–2–65. Cl. 222—183.
Bernfeld, Sylvan, M. L. Granberg, H. N. Hanson, and J. J. Stoffel, to Sperry Rand Corp. Crystal controlled transistor oscillator. 3,179,902, 4–20–65, Cl. 331—116.
Bernfeld, Sylvan, and M. L. Granberg, to Sperry Rand Corp. Control line driver employing opposite-conductivity-type transistors providing either of two potentials to output terminal. 3,192,403, 6–29–65, Cl. 307—88.5.
Bernfeld, Sylvan, J. F. Bruder, and M. L. Granberg, to Sperry Rand Corp. Signal responsive apparatus. 3,218,478, 11–16–65. Cl. 307—88.5.
Bernhard, Richard L., to American Radiator & Standard Sanitary Corp. Cooling coil for hermetic motor using system refrigerant. 3,192,735, 7–6–65, Cl. 62—222.
Bernhardt, Daniel. Sandwich package. 3,216,831, 11–9–65, Cl. 99—171.
Bernhardt, Eugen, to C. Zeiss. Optical device for orienting monocrystals along the axis of the crystal. 3,202,041, 8–24–65, Cl. 88—14.
Bernhardt, Frederick A. Salt spreader. 3,201,006, 8–17–65, Cl. 222—330.
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Bernier, Edgar R., to Sanders Associates, Inc. Tape transport mechanism. 3.217,996, 11–16–65. Cl. 242—55.12.
Berning, Kenneth W., and W. A. Sebastian III, to General Electric Co. Thermoelectric calorimeter device for measuring energy in a load and using a heat pump. 3,170,117, 2–16–65, Cl. 324—106.
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Bernstein, Bernard, to General Instrument Corp. Multiple rectifier stack assembly. 3,177,406, 4–6–65, Cl. 317—101.
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Bernstein, Joseph M., to Automatic Electric Laboratories, Inc. Bi-stable reed relay. 3,217,122, 11–9–65, Cl. 200—87.
Bernstein, Joseph M., and G. J. David, to Automatic Electric Laboratories, Inc. Memory core matrix with printed windings. 3,196,522, 7–27–65, Cl. 29—155.5.
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Berry, David G., to Collins Radio Co. Vertically polarized unidirectional log periodic antenna over ground. 3,212,094, 10–12–65, Cl. 343—749.
Berry, David G., to Collins Radio Co. Frequency independent slot antenna. 3,218,644, 11–16–65, Cl. 343—770.
Berry, David G., to Collins Radio Co. Cavity backed log periodical antenna system. 3,221,330, 11–30–65, Cl. 343—719.
Berry, David L., deceased (by L. I. and M. W. Berry, administrators), and W. Peil, to General Electric Co. Electronically adjustable nanosecond pulse generator utilizing storage diodes having snap-off characteristics. 3,205,375, 9–7–65, Cl. 307—88.5.
Berry, David L., deceased (by L. I. and M. W. Berry, administrators), and W. Peil, to General Electric Co. Variable width nanosecond pulse generator utilizing storage diodes having snap-off characteristics. 3,205,376, 9–7–65, Cl. 307—88.5.
Berry, Glen, C. T. Briggs, Jr., C. F. Treppa, and E. L. Barlow, Jr., to The Stanley Works. Door operating mechanism. 3,195,617, 7–20–65, Cl. 160—193.
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Berry, Roger N., to Diamond International Corp. Manufacture of match splints. 3,185,552, 5–25–65, Cl. 44—42.
Berry, Ronald, to United Kingdom Atomic Energy Authority. Purification of helium. 3,219,414, 11–23–65, Cl. 23—209.
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Berson, Jerome A., and A. T. Cape, to Powder Melting Corp. Brazing compositions having polyvinyl alcohol as a binder. 3,171,734, 3–2–65, Cl. 75—.5.

Berstein, Charles N., and E. H. Burns. Fishing game and game piece therefor. 3,214,863, 11–2–65, Cl. 46—242.
Berstein, Gregor, and R. G. Nuttle, to Cabot Corp. Titanium dioxide pigments. 3,212,911, 10–19–65, Cl. 106—300.
Berstein, Leonard, to Hughes Aircraft Co. Gold boron alloy and method of making the same. 3,211,550, 10–12–65, Cl. 75—165.
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Bertas, Charles S. Optical device for reading golf greens. 3,186,092, 6–1–65, Cl. 33—64.
Bertaut, Erwin F., and F. Forrat. Preparation of monocrystals of rare earth manganites. 3,226,183, 12–28–65, Cl. 23—58.
Bertea, Octavian, J. R. Gross, and S. R. Seagle, to National Distillers and Chemical Corp. Corrosion resistant zirconium base alloys containing Cb, Cr, and Sn. 3,205,070, 9–7–65, Cl. 75—177.
Bertel, Gust A., and F. J. Schiffmacher, to Federal Pacific Electric Co. Fuse and method of manufacture. 3,206,579, 9–14–65, Cl. 200—123.
Bertels, Josef. Process and member for joining by welding light metals with steel. 3,202,793, 8–24–65, Cl. 219—118.
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Berth, Peter, and G. Reese, to Therachemie Chemisch Therapeutische Gesellschaft m.b.H. Phosphinic acid derivatives for protection of hair from damage in bleaching and dyeing the same. 3,202,579, 8–24–65, Cl. 167—88.
Berth, Peter, B. Blaser, H.-G. Germscheid, and K.-H. Worms, to Therachemie chemisch therapeutische Gesellschaft m.b.H. Composition consisting of a mercapto compound and an organic phosphorus acid derivative as a color. 3,213,129, 10–19–65, Cl. 260—501.
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Berthod, Louis, and M. Grenon. Thermal excess-pressure device. 3,164,174, 1–5–65, Cl. 138—30.
Berthold, Cornelius E., to San Antonio Chemicals, Inc. Process for preparing cesium compounds from cesium alum. 3,207,571, 9–21–65, Cl. 23—33.
Berthold, Cornelius E., to San Antonio Chemicals, Inc. Process for preparing cesium and alloys thereof. 3,207,598, 9–21–65, Cl. 75—135.
Bertholome, Ernst, H. Nienburg, R. Sinn, K. Scherf, and A. Kreyer, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Continuous process for the production of aromatic and heterocyclic carboxylic acids. 3,165,548, 1–12–65, Cl. 260—524.
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Bertin, Daniel, to Roussel UCLAF. Compositions and method for the treatment of vasular spasms. 3,165,444, 1–12–65, Cl. 167—65.
Bertin, Daniel, to Roussel-UCLAF, S.A. Novel 21-bis-(hydroxymethyl)-5β-pregnanes and their preparation. 3,176,012, 3–30–65, Cl. 260—239.55.
Bertin, Daniel, and J. Perronnet, to Roussel-UCLAF, S.A. 21-bis-(aminomethyl)-pregnanes. 3,180,796, 4–27–65, Cl. 167—65.
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Bertin, Jean H., and P. Guienne, to Societe Bertin & Cie. Vehicles associated to a guiding track. 3,190,235, 6–22–65, Cl. 104—134.
Bertin, Jean H., and E. Dubois, to Societe Bertin & Cie. Device for permitting deck landings on an aircraft-carrier in misty or foggy weather. 3,196,822, 7–27–65, Cl. 114—43.5.
Bertin, Jean H., and E. Dubois, to Société Bertin & Cie. Device for clearing wide roads or runways covered with snow and ice. 3,199,506, 8–10–65, Cl. 126—271.2.
Bertling, Ronald J., to McGraw-Edison Co. Contact structure for electric disconnect switch. 3,196,226, 7–20–65, Cl. 200—48.
Bertls, Josef. Sliding gate valve sector-type storage tank closure. 3,198,482, 8–3–65, Cl. 251—302.
Bertoglio, Guido. Machine for piercing ball pen points or similar articles of manufacture. 3,167,977, 2–2–65, Cl. 77—5.
Bertoglio, Guido, and S. Albertini, to Real Patentauswertungs Anstalt. Operating mechanism for ball point pens and the like which may be pressed in a single piece with the snap members. 3,196,839, 7–27–65, Cl. 120—42.3.
Bertoglio, Guido, and S. Albertini, to Real Patentauswertungs Anstalt di Vaduz Al. Process for the cold rough shaping of ball pen points. 3,209,453, 10–5–65, Cl. 72—354.
Bertolacini, Ralph J., to Standard Oil Co. Recovery process. 3,169,056, 2–9–65, Cl. 75—83.
Bertolacini, Ralph J., to Standard Oil Co. Catalytic hydrocarbon conversion activity determination process. 3,169,831, 2–16–65, Cl. 23—230.
Bertold, Arthur, and E. L. Spitzer, to F. Wise, and N. Cohon. Vibrating method and apparatus. 3,172,588, 3–9–65, Cl. 225—93.
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Bertolini, William A., and D. G. Davison, to Pullman Inc. Pneumatic apparatus for handling pulverulent materials. 3,226,166, 12–28–65, Cl. 302—52.
Bertollo, Norman J., to Interchemical Corp. Composition and method for making water vapor permeable coated fabric. 3,222,208, 12–7–65, Cl. 117—63.
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Bertram, Paul F., to Lee-Rowan Co. Combined coat and trousers hanger. 3,186,610, 6–1–65, Cl. 223—91.
Bertram, Wallace H. Compact cot. 3,206,774, 9–21–65, Cl. 5—110.
Bertrand, Charles, to Beacon Mfg. Co. Napping machine. 3,174,205, 3–23–65, Cl. 26—33.
Bertrand, Charles, to Beacon Mfg. Co. Napping machine. 3,175,224, 3–23–65, Cl. 26—33.
Bertrand, Harry A. Safety device for vehicle passengers. 3,197,234, 7–27–65, Cl. 280—150.
Bertrand, Henri. Method for opening the shells of oysters and like bivalves. 3,174,180, 3–23–65, Cl. 17—45.
Bertrand, Jean, to Compagnie de Saint-Gobain. Process and apparatus for drawing glass. 3,218,142, 11–16–65, Cl. 65—84.
Bertrand, Paul A. Tractor vehicle. 3,224,407, 12–21–65, Cl. 115—1.
Bertsch, Fritz, to Messrs. Hans Biel. Endless blank forms. 3,223,437, 12–14–65, Cl. 282—11.
Bertschinger, Jakob. Gas-operated, manually cocked shooting device. 3,199,501, 8–10–65, Cl. 124—11.
Bertucci, Frank L. Twin lens camera. 3,181,446, 5–4–65, Cl. 95—44.
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Bertuch, Charles J., N. H. Meyers, and H. Sobol, to International Business Machines Corp. Superconductive circuit. 3,202,833, 8–24–65, Cl. 307—88.5.
Berwanger, John J., to Hood Sponge Rubber Co. Sponge rubber weatherseal. 3,167,824, 2–2–65, Cl. 20—69.
Berwick, John D., Jr., to Scorill Mfg. Co. Continuous casting mold. 3,210,812, 10–12–65, Cl. 22—57.2.
Berwick, Lewis H. Combination cushion and life jacket. 3,225,369, 12–28–65, Cl. 9—333.
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Berzinski, Leo C., Jr., R. J. Bymers, and C. E. Ruoff, to International Business Machines Corp. Signal muting circuit for data transmission systems. 3,174,102, 3–16–65, Cl. 325—52.
Bescher, Ralph H., to Koppers Co., Inc. Method of pre-seasoning green or partially seasoned wood. 3,199,211, 8–10–65, Cl. 34—9.5.
Bescher, Ralph H., to Koppers Co., Inc. Process for impregnating wood with pentachlorophenol and composition therefor. 3,200,003, 8–10–65, Cl. 117—59.
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Bespalko, Stephen, J. R. Evans, and R. J. Klotz, to International Business Machines Corp. Free access control. 3,219,979, 11–23–65, Cl. 340—172.5.

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Bess, Henry F., to Weyerhaeuser Co. Carton. 3,215,332, 11–2–65, Cl. 229—19.
Bess, Leon. Radiation dosimeter circuit. 3,185,844, 5–25–65, Cl. 250—83.3.
Besse, Louis L. Reversible roof tiles. 3,220,150, 11–30–65, Cl. 52—538.
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Besser, Joseph R. Equipment for cleaning engine cooling systems. 3,216,430, 11–9–65, Cl. 134—102.
Besserdich, Orrin H., to FMC Corp. Apparatus for and method of sealing the ends of wound rolls of sheet material. 3,172,612, 3–9–65, Cl. 242—56.
Bessette, Georges H. Constant angle adjustable yoke for stall divisions. 3,166,045, 1–19–65, Cl. 119—27.
Bessiere, Pierre Etienne, to Societe Anonyme pour l'Exploitation des Procedes Chimiques et Physiques. Pumps, and in particular fuel injection pumps having opposed pistons and a rotary distributing element. 3,168,042, 2–2–65, Cl. 103—2.
Bessler, Alfred, H. Rabe, H. Dobbelstein, and H. von Ey, to Alfred Teves Maschinen-und Armaturenfabrik K.G. Spot type disk brake. 3,199,635, 8–10–65, Cl. 188—73.
Bessler, William E. Fishing lure. 3,220,139, 11–30–65, Cl. 43—42.02.
Besso, Michael M., to Chas. Pfizer & Co., Inc. Tin salts of citric acid and method of preparation. 3,213,120, 10–19–65, Cl. 260—429.7.
Besson, René, to Ebauches S.A. Electric timepiece. 3,200,578, 8–17–65, Cl. 58—23.
Best, Albert M., to Sperry Rand Corp. Silo unloader. 3,193,117, 7–6–65, Cl. 214—17.
Best, Chris E., to The Firestone Tire & Rubber Co. Three-component catalyst for olefin polymerization containing alkali metal sulfide, titanium halide and tetrakis (dihydrocarbonamino) silane. 3,196,138, 7–20–65, Cl. 260—93.7.
Best, Chris E., to The Firestone Tire & Rubber Co. Polymerization process and catalysts. 3,196,139, 7–20–65, Cl. 260—93.7.
Best, Chris E., to The Firestone Tire & Rubber Co. Polymerization of conjugated diolefins with an alkali metal phosphide catalyst. 3,196,142, 7–20–65, Cl. 260—94.2.
Best, Frank E. Interchangeable lock cores. 3,206,958, 9–21–65, Cl. 70—373.
Best, Frank E. Interchangeable lock cores. 3,206,959, 9–21–65, Cl. 70—373.
Best, Frank E. Hotel indicator lock. 3,210,975, 10–12–65, Cl. 70—432.
Best, Frank E. Cylindrical lock. 3,210,976, 10–12–65, Cl. 70—451.
Best, Frank S., to Great Bear Spring Co. Water cooler apparatus. 3,170,307, 2–23–65, Cl. 62—188.
Best, George C., to Hawker Siddeley Canada Ltd. Closed cycle gas turbine. 3,224,199, 12–21–65, Cl. 60—59.
Best, Harold A. Precast concrete step. 3,216,160, 11–9–65, Cl. 52—189.
Best, John H., & Sons, Inc.: *See*—
Best, Leon H. 3,195,733.
Best, Leon H. 3,207,319.
Best, John L. Rotary apparatus for clearing furrows. 3,167,899, 2–2–65, Cl. 56—25.4.
Best, John S., to The Dow Chemical Co. Apparatus for cutting sheet material. 3,174,368, 3–23–65, Cl. 82—50.
Best, Kenneth J., and L. W. Tiefel, to Westinghouse Electric Corp. Control for feeding measuring and cutting strip material. 3,177,749, 4–13–65, Cl. 83—208.
Best, Kenneth R., P. E. Scovell, and G. R. Godfrey, to The Distillers Co. Ltd. Beer dispensing apparatus. 3,216,627, 11–9–65, Cl. 222—249.
Best, Leon H., to John H. Best & Sons, Inc. Clasp. 3,195,733, 7–20–65, Cl. 211—45.
Best, Leon H., to John H. Best & Sons, Inc. Display rack for sheet type articles. 3,207,319, 9–21–65, Cl. 211—48.
Best, Lester D. Car suit carrier. 3,181,754, 5–4–65, Cl. 224—29.
Best, Melvin H.: *See*—
Axtell, Willard G., Best, and Samhammer. 3,198,299.
Best, Melvin H. Cordless dictating machine. 3,218,080, 11–16–65, Cl. 274—17.
Best, Peter, to International Standard Electric Corp. Bonding of metals to ceramic materials. 3,203,084, 8–31–65, Cl. 29—473.1.
Best, Stanley G., to United Aircraft Corp. Flow regulating means in aircraft air conditioning and pressurizing system. 3,207,422, 9–21–65, Cl. 230—10.
Best, Theodore R., Jr., to Foster Wheeler Corp. Vapor generator. 3,166,909, 1–26–65, Cl. 60—73.
Beste, Lawrence F., to E. I. du Pont de Nemours and Co. Stable polymeric dispersions. 3,185,660, 5–25–65, Cl. 260—34.2.
Bester, Karl. Transducer assembly for transformation of small forces into pneumatic pressures. 3,183,918, 5–18–65, Cl. 137—85.
Bestools, Inc.: *See*—
Elfsten, Robert H. 3,175,281.
Elfsten, Robert H. 3,198,467.
Beszedics, Geza: *See*—
Bayer, Rudolf, and Beszedics. 3,175,045.
Beszedics, Geza, and R. Konecny, to International Standard Electric Corp. Loudspeaking intercommunication systems. 3,215,780, 11–2–65, Cl. 179—1.
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Beards, Samuel F. 3,205,541.
Betcher, Charles F., to Dayton Aircraft Products, Inc. Antenna mast means having elastomeric seal between antenna and transmission line feed. 3,184,745, 5–18–65, Cl. 343—705.
Bete Fog Nozzle, Inc.: *See*—
Bete, John U. 3,196,527.
Bete, John U., to Bete Fog Nozzle, Inc. Method of nozzle formation. 3,196,527, 7–27–65, Cl. 29—157.
Beteiligungs- und Patentverwaltungsgesellschaft mit beschrankter Haftung: *See*—
Adler, Otto E. 3,165,095.
Engel, Georg. 3,226,050.
Fezer, Eberhard, Frese, Hejj, Simon, Schmid, and Einbeck. 3,208,666.
Hejj, Erwin, Fezer, and Frese. 3,213,714.
Hofmann, Fritz J., and Hess. 3,188,065.
Kluge, Charlotte. 3,205,663.
Sixel, Gustav-Adolf. 3,198,869.
Betensky, Ellis I. to Bausch & Lomb Inc. Modified petzval type photographic objective. 3,185,033, 5–25–65, Cl. 88—57.
Betensky, Ellis I., and N. Rickless, to Bausch & Lomb Inc. Symmetrical projection objective. 3,185,031, 5–25–65, Cl. 88—57.
Betensky, Ellis I., and N. Rickless, to Bausch & Lomb Inc. Four component symmetrical projection objective. 3,221,601. 12–7–65, Cl. 88—57.
Bethea Co., Inc.: *See*—
McWhirter, Carson H. 3,218,009.
Bethell, James R., D. J. Hadley, and B. Wood, to The Distillers Co. Ltd. Stannic oxide-antimony tetroxide catalyst composition. 3,198,751, 8–3–65, Cl. 252—461.
Bethke, Lyman W., to United Aircraft Corp. Battery charger with independent reference source of voltage. 3,176,210, 3–30–65, Cl. 320—40.
Bethke, Lyman W., to United Aircraft Corp. Radio electrocardiograph apparatus. 3,195,534, 7–20–65, Cl. 128—2.06.
Bethke, Raymond W., to McGraw-Edison Co. High voltage circuit breakers with contact pressure boosters and arcing contacts. 3,177,332, 4–6–65, Cl. 200—170.
Bethlehem Steel Co.: *See*—
Cherney, Alois F., and Rohrs. 3,198,159.
Costenbader, Earl A., and Durkin. 3,186,471.
Galloway, James M. 3,193,971.
James, Owen W., and Waters. 3,200,629.
Jandras, Henry L. 3,172,758.
Kern, Fred W. 3,166,279.
Mahood, George P. 3,220,651.
Maish, George O. 3,197,329.
Mayer, Edward H. 3,215,566.
Melloy, George F., Dennison, and Fischer. 3,173,782.
Pearson, William J. 3,191,509.
Poole, William D. 3,219,438.
Rudzki, Eugene M., Reinbold, and Pease. 3,213,918.
Scales, Ralph E. 3,213,820.
Sefcheck, Joseph T. 3,220,574.
Trotta, Anthony J., and Sudrabin. 3,197,250.
Worthen, Eugene P., and Barbour. 3,174,914.
Worthen, Eugene P., and Sodersjerna. 3,212,241.
Betinis, Emanuel J. Swing recorder. 3,173,348, 3–16–65, Cl. 95—11.
Betjemann, Christopher, to Isbrandtsen Co., Inc. Combination shipping container and showcase. 3,182,424, 5–11–65, Cl. 50—80.
Bett, Harry, and I. Lerner, to Abraham Verman. Plastic lined pajama. 3,180,336, 4–27–65, Cl. 128—288.
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Bettcher, Louis A. Re. 25,947.
Bettcher, Louis A., to Bettcher Industries, Inc. Trimming and slicing device. Re. 25,947, 12–14–65, Cl. 30—276.
Better Packages, Inc.: *See*—
Krueger, Theodore H. 3,185,363.
Sharpe, Everett E. 3,176,563.
Betteridge, Walter, and H. C. Angus, to The International Nickel Co., Inc. Process for securing a conductor to a semiconductor. 3,186,084, 6–1–65, Cl. 29—472.9.
Betteridge, Walter, and B. Taylor, to The International Nickel Co., Inc. Process for making workable ruthenium and product thereof. 3,194,657, 7–13–65, Cl. 75—172.
Betterton, Jesse O., Jr.: *See*—
Kneip, George D., Jr., Betterton, Easton, and Scarbrough. 3,215,569.
Bettini, Franco, to Fida S.p.A. Dispenser for cylindrical articles and the like e.g. bottles and cans. 3,211,328, 10–12–65, Cl. 221—67.
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Bettoni, Eugene C., and E. R. Larges, to Holley Carburetor Co. Distributor mechanism with easily movable breaker plate. 3,207,864, 9–21–65, Cl. 200—31.
Betts, Donald E.: *See*—
Crowley, Allen E., and Betts. 3,209,742.
Betts, John F., P. A. Michaels, and W. G. Wolber, to The Bendix Corp. Voltage controlled oscillator. 3,187,272, 6–1–65, Cl. 331—144.
Betts, Kenneth R., to General Motors Corp. Three-way seat assembly. 3,198,573, 8–3–65, Cl. 296—69.

Betts Machine Co.: *See*—
Hanson, John R., and Johnson. 3,226,537.
Pierson, Karl B., and Hanson. 3,186,682.
Betts, Max W., and M. Akhtar, to Courtaulds Ltd. Estimate of hop bitter substance in beer. 3,212,854, 10–19–65, Cl. 23—230.
Betts, Mazeppa D., to Sylvania Electric Products, Inc. Sealed inductor. 3,226,664, 12–28–65, Cl. 336—96.
Betts, Peter, to International Business Machines Corp. Matrix positioning device. 3,186,317, 6–1–65, Cl. 95—4.5.
Betts, Robert, to International Business Machines Corp. Multiaperture-core logic circuit. 3,188,480, 6–8–65, Cl. 307—88.
Betts, William M., and R. C. Requa. Mufflers for marine engines. 3,176,791, 4–6–65, Cl. 181—52.
Bettuzzi, Giovanni. Case for electromechanically shiftable representation. 3,226,173, 12–28–65, Cl. 312—223.
Betz, Bernard K., to Honeywell Inc. Timing pulse circuit employing cascaded gated monostables sequenced and controlled by counter. 3,214,695, 10–26–65, Cl. 328—63.
Betz, Erich, to Chr. Wandel, K.G. Apparatus for straining suspensions of solid particles. 3,193,097, 7–6–65, Cl. 209—287.
Betz Laboratories, Inc.: *See*—
Brown, James K. 3,203,904.
Kahler, Harry L., and Brown. 3,184,407.
Kahler, Harry L., and Zerby. 3,188,289.
Betzler, Richard F. Typewriter impression control. 3,224,547, 12–21–65, Cl. 197—183.
Beuchat, Georges. Swimmer's foot-fin with thrust-accelerating device. 3,183,529, 5–18–65, Cl. 9—309.
Beuchle, Friedrich, and C. Press, to Alfred Teves, Maschinen- und Armaturenfabrik Kommandit-Gesellschaft. Self-energizing disk brake. 3,207,267, 9–21–65, Cl. 188—73.
Beugin, Michel, to North American Philips Co., Inc. Automatic speed changer for a record player. 3,220,735, 11–30–65, Cl. 274—9.
Beul, Albert, to Limburger Eisengiesserei und Maschinenfabrik Theodor Ohl K.G. Apparatus for mixing a plurality of different pourable particulate materials. 3,194,384, 7–13–65, Cl. 198—53.
Beumer, John, Jr.: *See*—
Wheeler, Robert N., and Beumer. 3,171,903.
Beurel, Guy L. M. Sheet metal sectional gate valves. 3,224,729, 12–21–65, Cl. 251—327.
Beurle, Raymond L., to English Electric Valve Co. Ltd. Cathode ray tube auxiliary deflection systems. 3,210,598, 10–5–65, Cl. 315—27.
Beurtheret, Charles A. E., to Compagnie Francaise Thomson-Houston. Magnetic coil and core structure. 3,166,727, 1–19–65, Cl. 336—57.
Beurtheret, Charles A. E., to Campagnie Francaise Thomson-Houston. Oscillation generating system. 3,192,354, 6–29–65, Cl. 219—10.77.
Beurtheret, Charles A. E., to Compagnie Francaise Thomson-Houston. Heat dissipating structure. 3,196,936, 7–27–65, Cl. 165—47.
Beusman, Curtis C.: *See*—
Marwell, Edward M., and Beusman. 3,208,639.
Beusman, Curtis C., to Curtis Instruments, Inc. Electrolytic coulometric current integrating device. 3,193,763, 7–6–65, Cl. 324—94.
Beutel, Ralph H., to Merck & Co., Inc. Preparation of pantothenamide. 3,194,836, 7–13–65, Cl. 260—561.
Beutel, William F., to Martin-Marietta Corp. Flexible fuel bundle for continuously refueled nuclear reactors. 3,167,484, 1–26–65, Cl. 176—87.
Beuter, Clyde R., and J. W. Brightman, to United Shoe Machinery Corp. Device for cutting and inserting locking elements into threaded fasteners. 3,203,041, 8–31–65, Cl. 18—1.
Beuther, Harold: *See*—
Bercik, Paul G., Beuther, and Henke. 3,175,970.
Beuther, Harold, R. A. Flinn, and B. K. Schmid, to Gulf Research & Development Co. Catalytic hydrogenation of viscosity broken hydrocarbon oils. 3,193,487, 7–6–65, Cl. 208—68.
Beuther, Harold, J. Dedinas, and A. M. Henke, to Gulf Research & Development Co. Preparation of ethylbenzene by dealkylation of higher alkyl benzenes. 3,222,411, 12–7–65, Cl. 260—672.
Beutler, Arthur A., to The New York Air Brake Co. Valve. 3,200,841, 8–17–65, Cl. 137—596.
Beutler, Warren E.: *See*—
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Beutler, Warren E., and K. W. Feldtz, to The Lamson & Sessions Co. Container dumping apparatus. 3,207,346, 9–21–65, Cl. 214—620.
Bevan, Morfydd A., and J. Mullan, to Imperial Chemical Industries Ltd. Purification process for 4-isopropylaminodiphenylamine. 3,184,511, 5–18–65, Cl. 260—576.
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Beverly, Olin C. Therapy bed. 3,218,067, 11–16–65, Cl. 272—58.
Beverly, Rene V. Fishing float. 3,197,914, 8–3–65, Cl. 43—44.91.
Bevilacqua, Edmund J., G. F. Moyer, and D. F. Muir, Jr., to E. F. Blanchard. Vacuum copy holder. 3,222,051, 12–7–65, Cl. 269—21.
Bevilacqua, Frank, to Combustion Engineering Inc. Pressure tube reactor. 3,190,807, 6–22–65, Cl. 176—59.
Bevins, Marvin. Plural extensible power line voltage measurement probes with spool means for the interconnecting conductor. 3,193,765, 7–6–65, Cl. 324—149.
Bevis Industries, Inc.: *See*—
Hyatt, Frederick. 3,199,165.
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Pendleton, Pyam L. 3,208,513.
Bex, Wilhelmus, and G. Starre, to North American Philips Co., Inc. Method of manufacturing grids for use in electric discharge tubes. 3,200,856, 8–17–65, Cl. 140—71.5.
Bexford Ltd.: *See*—
McPherson, Norman S., Clachan, Tatchell, and Abbott. 3,187,065.
Bexon, Howard J.: *See*—
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Dobson, Richard N., and Bexon. 3,200,771.
Bey, Ahmet K., to F. Budreck, in care of Monarch Tool and Machinery Co. Magnetic connector. 3,177,546. 4–13–65, Cl. 24—201.
Bey, Ahmet K. Magnetic holding device. 3,184,654, 5–18–65, Cl. 317—159.
Bey, Ahmet K., to F. Budreck. Variable magnet. 3,223,898, 12–14–65, Cl. 317—159.
Beyeler, Ernst. Stirring head for mixing of liquids. 3,175,810, 3–30–65, Cl. 259—134.
Beyer, Conrad S., and A. L. Van Nest, to Western Electric Co., Inc. Forming and assembling apparatus. 3,186,061. 6–1–65, Cl. 29—33.
Beyer, Donald S., and C. G. Thornton, to Motorola, Inc. Method for fabricating alloyed junction semiconductor assemblies. 3,173,816, 3–16–65, Cl. 148—177.
Beyer, Ralph: *See*—
Waitkins, Andrew J., and Beyer. 3,197,064.
Beyer, Stanley J., and J. A. Priest, to General Electric Co. Air conditioning unit including corrosion inhibiting means. 3,191,401, 6–29–65, Cl. 62—280.
Beyer, Stuart E. Thaw indicator. 3,220,259, 11–30—65, Cl. 73—358.
Beyer, Walter, to Cordova, Inc. Motion picture projector. 3,212,837, 10–19–65, Cl. 352—72.
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Beyers, Marvin E., and J. W. Carter, to Caterpillar Tractor Co. Blade stabilizer for motor grader. 3,191,324, 6–29–65, Cl. 37—156.
Beyersdorf, Rolf, and H.-U. Meyer, to Siemens & Halske Aktiengesellschaft. Signalling system. 3,206,746, 9–14–65, Cl. 343—6.5.
Beyerstedt, Ralph L., to Elgin Sweeper Co. Street sweeper. 3,186,015, 6–1–65, Cl. 15—84.
Beyl, Jean J. A. Laterally adjustable cable end attachment for a ski binding rotary heel plate. 3,172,678, 3–9–65, Cl. 280—11.35.
Beyl, Jean J. A. Safety bindings for releasably locking the heels of ski boots. 3,173,701, 3–16–65. Cl. 280—11.35.
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Bezzerides, Paul A. 3,212,585.
Bezzerides, Paul A. Protecting and thinning device for row crops. 3,176,778, 4–6–65, Cl. 172—62.
Bezzerides, Paul A., ½ to A. A. Bezzerides. Plant chopper. 3,176,782, 4–6–65, Cl. 172—534.
Bezzerides, Paul A. Weeder. 3,176,783, 4–6–65, Cl. 172—686.
Bezzerides, Paul A., ½ to A. A. Bezzerides. Soil mulcher. 3,212,585, 10–19–65, Cl. 172—142.
Bezzi, Silvio, G. Galiazzo, and A. Bandel, to Montecatini Societa Generale per l'Industria Mineraria e Chimica. Process for preparing polyoxymethylenes which are stable to the action of heat. 3,226,366, 12–28–65, Cl. 260—67.
Bharucha, Kekhusroo R., to Canada Packers Ltd. Process for preparing Δ''-steroid compounds. 3,164,616, 1–5–65, Cl. 260—397.1.
Bharucha, Kekhusroo R., and F. M. Martin, to Canada Packers Ltd. Preparation of crystalline vitamin D_3 and vitamin D_3 benzoate. 3,168,535. 2–2–65. Cl. 260—397.2.
Bharucha, Kekhusroo R., and F. M. Martin, to Canada Packers Ltd. Preparation of vitamin D_3. 3,176,029, 3–30–65, Cl. 260—397.2.
Bhimani, Bhupendrakumar V., to General Electric Co. Method and apparatus for nondestructively testing electrical insulation by sensing levels of ionization occurring in the insulation. 3,199,023. 8–3–65. Cl. 324—54.
Bhrany, Upendra N., to United States Steel Corp. Particle classifier. 3,225,927. 12–28–65, Cl. 209—479.
Bhuyan, Bijoy K., R. B. Kelly, and R. M. Smith, to The Upjohn Co. Antibiotic nogalamycin and method of producing. 3,183,157, 5–11–65, Cl. 167—65.

Biais, Regine, D. Papée, and R. Gauguin. Method of preparing a chromium oxide and alpha-alumina catalyst composition and the product thereof. 3,190,840, 6–22–65, Cl. 252—465.
Bialas, Frederick E., to Calumet & Hecla, Inc. Means of minimizing rib projection on rolled tube. 3,177,694, 4–13–65, Cl. 72—358.
Bialick, Jay A. Incontinence clamp device. 3,203,421, 8–31–65, Cl. 128—346.
Bially, Theodore, to Electronic Instrument Co. Inc. Detector of multiplex stereophonic signals. 3,176,075, 3–30–65, Cl. 179—15.
Bialog, Edward, S.: *See*—
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Bialy, Jerzy J., and G. W. Eckert, to Texaco Inc. Anti-icing jet fuel composition containing a hexaalkyl phosphoric triamide. 3,167,411, 1–26–65, Cl. 44—72.
Biamonte, Alfred R., to Warner-Lambert Pharmaceutical Co. Copper sulfate stabilized colored hair setting composition. 3,215,604, 11–2–65, Cl. 167—87.1.
Bianca, Edoardo G. Vehicle parking lift platform with simultaneously movable dollies. 3,211,302, 10–12–65, Cl. 214—16.1.
Bianchi, Eduardo A., and H. L. Hill, to General Dynamics Corp. Sequential testing system. 3,213,428, 10–19–65, Cl. 340—172.5.
Bianchi, Filippo, to Cartotecnica Poligrafica A. & G. Fratelli Bianchi S.p.A. Box constituted of an outer folded carton and an airtight inner casing. 3,223,230, 12–14–65, Cl. 206—45.31.
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Bianchi, Renato, A. S. Will, and N. C. Butler, to United States of America, Navy. Arming device for a fire bomb fuze. 3,188,953, 6–15–65, Cl. 102—2.
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Luciani, Luciano, Manaresi, and Bianchi. 3,219,622.
Bianchini, Pietro, to Crinos Industria Farmacobiologica S.p.A. Method for the preparation of a pancreatic heparinoid. 3,181,996, 5–4–65, Cl. 167—74.
Bibb, Merle: *See*—
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Bibbero, Robert J., to Bulova Research and Development Laboratories, Inc. Waveform identification system. 3,202,-761, 8–24–65, Cl. 179—1.
Bibbero, Robert J., A. Mann, and A. K. H. Goldberger, to Bulova Research and Development Laboratories, Inc. Noncontacting object measuring apparatus. 3,216,311, 11–9–65, Cl. 88—14.
Bibby, J., & Sons Ltd.: *See*—
Harvison, Ronald E., and Mianey. 3,193,029.
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Biber, Albert, O. A. Davis, Sr., and B. R. Walsh, to Gulf Research & Development Co. Aspirating nozzle. 3,226,037, 12–28–65, Cl. 239—405.
Biber, Conrad H., to Polaroid Corp. Shutter timing apparatus and method. 3,205,798, 9–14–65, Cl. 95—10.
Biber, Conrad H. Clinical thermometer. 3,221,555, 12–7–65, Cl. 73—362.
Bibo, Denis. Radio-frequency circuit analyzer for measuring incident and reflective waves including a bidirective coupling device. 3,197,696, 7–27–65, Cl. 324—58.
Bice, William O., to Control Data Corp. Magnetic core driving system. 3,175,203, 3–23–65, Cl. 340—174.
Bicek, Edward J., to Universal Oil Products Co. Desiccant manufacture and the use of such desiccants in the conversion of hydrocarbons. 3,201,343, 8–17–65, Cl. 208—95.
Bicek, Edward J., to Universal Oil Products Co. Variable volume sampling chamber. 3,203,247, 8–31–65, Cl. 73—421.
Bicek, Edward J., to Universal Oil Products Co. Reductive alkylation of amines. 3,209,030, 9–28–65, Cl. 260—574.
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Bick, Philip C., and C. G. Cash, to The Flintkote Co. Fire retardant built-up roofing. 3,216,883, 11–9–65, Cl. 161—163.
Bickel, Basil E.: *See*—
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Bickel, Frederic W., P. J. Reiner, and R. G. Larkin, to Douglas Aircraft Co., Inc. Silicone synthetic rubber compound, method of making and method of curing the same. 3,172,-870, 3–9–65, Cl. 260—37.
Bickel, Kent A., R. E. Hotze, and J. B. Krepp, to Western Electric Co., Inc. Component insertion apparatus. 3,193,-166, 7–6–65, Cl. 1—322.
Bickel, Paul E.: *See*—
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Bickel, Richard L., to Atlantis Electronics Corp. Automatic sorting system. 3,176,840, 4–6–65, Cl. 209—74.
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Bickerton, Robert K., to The Norwich Pharmacal Co. Hypotensive quinolines. 3,178,348, 4–13–65, Cl. 167—65.
Bickford, John C. Device for aligning work. 3,221,411, 12–7–65, Cl. 33—171.
Bicking, John B.: *See*—
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Bickford, Richard A. Steering control with swivel handle. 3,196,709, 7–27–65, Cl. 74—557.
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Remmey, George B. 3,172,647.
Bickmore, John T., to Xerox Corp. Spectral contrast control in xerography. 3,188,208, 6–8–65, Cl. 96—1.
Bickmore, Robert W.: *See*—
Shanks, Howard E., and Bickmore. 3,166,748.
Bicks, Jean L. Device for engaging, holding and releasing objects. 3,195,380, 7–20–65, Cl. 81—3.8.
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Biddulph, Rulon S., and A. Feiner, to Bell Telephone Laboratories, Inc. Impedance stabilization of nonloaded telephone circuits. 3,212,029, 10–12–65, Cl. 333—28.
Biderman, Benjamin B., to Collins Radio Co. Drive and sensing means for ball gyroscope. 3,209,602, 10–5–65, Cl. 74—5.6.
Biderman, Benjamin B., and A. F. Johnson, to Collins Radio Co. Direct current flux detector. 3,210,654, 10–5–65, Cl. 324—47.
Biderman, David. Sausage linking machines. 3,209,397, 10–5–65, Cl. 17—34.
Bidlack, Jerald D., to Cadillac Gage Co. Adaptive gain servo actuator. 3,183,785, 5–18–65, Cl. 91—20.
Bidlack, Jerald D., and R. J. Barlow, to Cadillac Gage Co. Anti-skid brake control mechanism. 3,199,927, 8–10–65, Cl. 303—21.
Bidwell, Albert C., and R. T. Borck, to Commerce Engraving, Inc. Precision scribing machine. 3,216,114, 11–9–65, Cl. 33—26.
Bidwell, Howard, 50% to R. Bidwell. Apparatus for treating paper stocks. 3,191,876, 6–29–65, Cl. 241—296.
Bidwell, Howard, 50% to R. Bidwell. Apparatus for treating paper stocks. 3,191,877, 6–29–65, Cl. 241—296.
Bidwell, Howard, ½ to R. Bidwell. Apparatus for treating paper stocks. 3,193,206, 7–6–65, Cl. 241—277.
Bidwell, Howard, ½ to R. Bidwell. Apparatus for dry defibering of fibrous materials. 3,224,687, 12–21–65, Cl. 241—55.
Bidwell, Irene O.: *See*—
Bidwell, Seymour P. 3,208,361.
Bidwell, Rachel: *See*—
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Bidwell, Howard. 3,191,877.
Bidwell, Howard. 3,193,206.
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Bidwell, Seymour P., deceased (by I. O. Bidwell, administratrix). Mechanical bull-float for finishing concrete. 3,208,-361, 9–28–65, Cl. 94—45.
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Bieber, Clarence G., to The International Nickel Co., Inc. Cast nickel-base alloy for gas turbine rotors. 3,166,412, 1–19–65, Cl. 75—171.
Bieber, Herman: *See*—
Spenadel, Lawrence, Bieber, and Coddington. 3,207,711.
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Biedenbender, Raymond F., to The Coleman Co., Inc. Oil burning furnace. 3,208,503, 9–28–65, Cl. 158—28.
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Biedinger, Henry J., to The Syracuse Stamping Co., Inc. One piece ribbon spool having an integrally molded reversing trip. 3,195,708, 7–20–65, Cl. 197—175.
Bieganousky, Frank, F. C. Faulseit, and T. S. Senkowski, to Becton, Dickinson and Co. Thermometer case. 3,182,790, 5–11–65, Cl. 206—45.19.
Biehl, Arthur T.: *See*—
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Hengel, Mathew C., Biehl, and Mainhardt. 3,212,402.
Biehl, Arthur T., to MB Associates. Hypervelocity gun. 3,186,304, 6–1–65, Cl. 89—7.
Biehl, Arthur T., to United States of America, Atomic Energy Commission. Low power nuclear reactors. 3,224,977, 12–21–65, Cl. 252—301.1.
Biehl, Arthur T., to MB Associates. Miniature magnetohydrodynamic generator. 3,225,227, 12–21–65, Cl. 310—11.
Biehl, Arthur T., and G. A. Linenberger, to United States of America, Atomic Energy Commission. Radioactive transducer for sensing pressure and the like having a source primary radiation and a target for producing secondary radiation. 3,164,722, 1–5–65, Cl. 250—83.3.
Biehl, Heinrich. Preparation of fermentation fodder. 3,172,-764, 3–9–65, Cl. 99—8.
Biehl, Heinrich. Apparatus for handling ensilage materials. 3,216,615, 11–9–65, Cl. 222—25.
Biehl, Heinrich. Device for working-up fodder capable of being ensilaged. 3,218,954, 11–23–65, Cl. 99—235.
Biehl, Heinrich. Feeding trough and floor arrangement. 3,223,071, 12–14–65, Cl. 119—28.

Biehl, Heinrich. Pig rearing houses. 3,225,737, 12–28–65, Cl. 119—16.
Biehl, John H, and J. E. Robertson, to Colgate-Palmolive Co. Therapeutic aryl and thienyl hydroxylamines. 3,192,110, 6–29–65, Cl. 167—65.
Biehn, Harold B. Crusher. 3,190,573, 6–22–65, Cl. 241—236.
Biehn, Harold B. Bulk material distributor. 3,191,752, 6–29–65, Cl. 198—36.
Biehn, Harold B. Culvert. 3,212,267, 10–19–65, Cl. 61—15.
Biehn, Harold B. Conveyor bucket construction. 3,212,625, 10–19–65, Cl. 198—141.
Biekart, Hendrik J. B., M. Bongard, and P. J. C. Kaasenbrood, to Stamicarbon N.V. Process for the production of substantially anhydrous and substantially biuret-free urea. 3,171,770, 3–2–65, Cl. 159—47.
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Biel, John H., to Colgate-Palmolive Co. Arylaminoalkyl hydrazines and aralkylaminoalkyl hydrazines. 3,197,474, 7–27–65, Cl. 260—296.
Biel, John H., to Colgate-Palmolive Co. Methane sulfonate derivatives of aralkyl hydrazines. 3,197,501, 7–27–65, Cl. 260—508.
Biel, John H., to Colgate-Palmolive Co. Antidepressant benzilates of piperazinoalkanols. 3,205,134, 9–7–65, Cl. 167—65.
Biel, John H., to Colgate-Palmolive Co. N,N-disubstituted-N′-phenylalkyl hydrazines. 3,213,138, 10–19–65, Cl. 260—569.
Biel, John H., to Aldrich Chemical Co., Inc. Aralkoxyamides of 4-phenyl-1,2,5,6-tetrahydropyridino alkanoic acids and intermediates thereof. 3,221,017, 11–30–65, Cl. 260—295.
Biel, John H., and W. K. Hoya, to Colgate-Palmolive Co. N,N′ - bis - (heterocyclicaminoalkyl)-alkylenediamines and therapeutic uses therefor. 3,205,133, 9–7–65, Cl. 167—65.
Biel, John H., and H. B. Hopps, to Aldrich Chemical Co., Inc. N-cyclopropyl amides of 4-phenyl-1,2,5,6-tetrahydropyridino alkanoic acids and intermediates thereof. 3,221,018, 11–30–65, Cl. 260—295.
Biel, John H., and H. B. Hopps, to Aldrich Chemical Co., Inc. N-alkinyl and N-alkinyloxy-amides of 4-phenyl-1,2,5,6-tetrahydropyridino alkanoic acids and intermediates thereof. 3,221,019, 11–30–65, Cl. 260—295.
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Bienaime, Jacques, to Yumbo. Earthmoving and hoisting machines. 3,207,340, 9–21–65, Cl. 214—138.
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Bieri, Hans, to H. Bieri & Sohn. Multiple piston distributive pump with hydraulic system for the synchronized operation of a plurality of working cylinders. 3,192,718, 7–6–65, Cl. 60—52.
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Bierman, Harry C. Pocket for traveling bag. 3,175,658, 3–30–65, Cl. 190—51.
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Bieschke, Hillard J., to Knox Mfg. Co. Projection screen. 3,191,663, 6–29–65, Cl. 160—24.
Biesecker, Donald L., to Illinois Tool Works Inc. Bushing with rib and shoulder means. 3,164,054, 1–5–65, Cl. 85—8.8.
Biesecker, Donald L., to Illinois Tool Works Inc. Plastic roller. 3,164,418, 1–5–65, Cl. 308—3.8.
Biesecker, Donald L., to Illinois Tool Works Inc. Antenna mounting clip. 3,182,329, 5–4–65, Cl. 343—702.
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Biffi, Giulia, A. Grein, and C. Spalla, to Societa Farmaceutici Italia. Process for preparing cephalosporin C. 3,196,084, 7–20–65, Cl. 195—36.
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Bigelow, Eugene C., and C. M. Horton, to Western Electric Co., Inc. Combination wire wrap and unwrap tool. 3,212,536, 10–19–65, Cl. 140—124.
Bigelow, Floyd E., Jr. Portable building and apparatus for the transportation and erection of the same. Re. 25,827, 8–3–65, Cl. 20—2.
Bigelow, John H., to E. I. du Pont de Nemours and Co. Radiation-sensitive elements and their preparation. 3,178,293, 4–13–65, Cl. 96—108.
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Biggs, Albert J., and G. B. Townsend, to Hazeltine Research, Inc. Compensator for color-television receivers for chromaticity variations in ambient light. 3,200,193, 8–10–65, Cl. 178—5.4.
Biggs, Robert W., to American Brake Shoe Co. Resin bonded friction composition product and method. 3,210,303, 10–5–65, Cl. 260—19.
Biggs, William A., Jr., and C. K. Dunlap, Jr., to Sonoco Products Co. Spirally wound paper tube. 3,194,275, 7–13–65, Cl. 138—144.
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Bigley, Clifford C., and A. E. Dahlquist, to Minneapolis-Moline, Inc. Spring applied brake control linkage. 3,190,401, 6–22–65, Cl. 188—167.
Bigley, Clifford C., S. H. Cottrell, E. C. Fossom, and R. B. Singer, to Minneapolis-Moline, Inc. Lift truck fork operating control mechanism. 3,199,700, 8–10–65, Cl. 214—674.
Bigler, John M., to Radio Corp. of America. Manufacture of electron tube cathodes. 3,166,836, 1–26–65, Cl. 29—420.5.

Biglieri, Clyde E. Display and support rack for re-usable containers. 3,198,143, 8–3–65, Cl. 108—28.
Biglin, Joseph M., and J. J. Greaves, to The Borden Co. Cold press method of making abrasive articles. 3,208,836, 9–28–65, Cl. 51—293.
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Bikales, Norbert M., to American Cyanamid Co. Azo dyes and intermediates therefor. 3,211,718, 10–12–65, Cl. 260—197.
Bikales, Norbert M., to American Cyanamid Co. Cyanovinyl dithiocarbamates. 3,211,771, 10–12–65, Cl. 260—455.
Bikales, Norbert M., to American Cyanamid Co. Method of preparing β-mercaptopropionitrile. 3,211,777, 10–12–65, Cl. 260—465.1.
Bikales, Norbert M., to American Cyanamid Co. Cyanoethyl alkylxanthate esters. 3,226,416, 12–28–65, Cl. 260—455.
Bikales, Norbert M., to American Cyanamid Co. 2-cyanovinyl alkylxanthates. 3,226,417, 12–28–65, Cl. 260—455.
Bikales, Norbert M., and R. B. Booth, to American Cyanamid Co. Flotation of sulfide ores. 3,223,238, 12–14–65, Cl. 209—166.
Bikofsky, Henry L., B. J. Luberoff, R. N. Rickles, and J. V. Papazian, to Stauffer Chemical Co. Method of producing boron halides. 3,206,283, 9–14–65, Cl. 23—205.
Bil, Milos Z., and W. H. Brunner, to Clairol Inc. Blue anthraquinone dye. 3,168,441, 2–2–65, Cl. 167—88.
Bilancia, Raymond A., to Coach and Car Equipment Corp. Adjustable vehicle seat. 3,189,312, 6–15–65, Cl. 248—394.
Biland, Hans R., and M. Duennenberger, to Ciba Ltd. Oxalic acid-bis-hydroxy aryl amides as ultraviolet stabilizers for organic plastic compositions. 3,211,562, 10–12–65, Cl. 106—186.
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Bildstein, Hubert, to Osterreichische Studiengesellschaft fur Atomenergie G.m.b.H. Method and an apparatus for manufacturing ball-shaped particles. 3,197,810, 8–3–65, Cl. 18—1.
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MacDonald, Robert D. 3,212,124.
Bilek, Frank T., to International Telephone and Telegraph Corp. Miniature plug and jack explosion proof connector. 3,204,053, 8–31–65, Cl. 200—51.09.
Bilek, Frank T., to International Telephone and Telegraph Corp. Wire spring pushbutton assembly. 3,205,318, 9–7–65, Cl. 200—5.
Bilger, Xavier F., to Etablissements Kuhlmann. Reaction products of polymeric phosphonitrile chlorides with ammonia and methanol. 3,193,571 7–6–65, Cl. 260—461.
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Isreeli, Jack, and Bilichniansky. 3,165,693.
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Billen, Peter, to The Loewy Engineering Co. Ltd. Discard disposal means for metal extrusion presses. 3,168,195, 2–2–65, Cl. 207—1.
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Fertig, Glenn H., and Billetdeaux. 3,206,597.
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Billeter, Henry R., to Sloan Valve Co. Angle cocks. 3,184,212, 5–18–65, Cl. 251—105.
Billeter, Henry R., and J. R. Swartz, to Sloan Valve Co. Adjustable plumbing fittings. 3,201,155, 8–17–65, Cl. 285—350.
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Billhorn, Paul G. Adjustable hog crate. 3,195,513, 7–20–65, Cl. 119—99.
Billi, Walter, to Montecatini Societa Generale per l'Industria Mineraria e Chimica. Absorption refrigerating system. 3,183,680, 5–18–65, Cl. 62—112.
Billi, Walter, to Montecatini Societa Generale per l'Industria Mineraria e Chimica. Furnace apparatus for producing acetylene from methane. 3,201,204, 8–17–65, Cl. 23—277.
Billi, Walter, to Montecatini Societa Generale per l'Industria Mineraria e Chimica. Process and apparatus for modifying and determining the optimum volume of the operating reaction chamber in ovens employed for the production of acetylene form hydrocarbons. 3,220,803, 11–30–65, Cl. 23—277.
Billian, Donald L., to Emco Wheaton, Inc. Nozzle with vacuum operated valve tripping means. 3,196,908, 7–27–65, Cl. 141—209.
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Billings, Charles K., D. F. Alexander, and M. C. Harrold, to General Motors Corp. Domestic appliance with spin acceleration control means. 3,214,665, 10–26–65, Cl. 318—224.
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Billingsley, John G. S. to E. I. du Pont de Nemours and Co. Recovery of resin scrap. 3,193,601, 7–6–65, Cl. 264—142.
Billingsley, John G. S., H. E. Ramsey, and P. G. Stephan, to E. I. du Pont de Nemours and Co. Multiple container package. 3,206,020, 9–14–65, Cl. 206—65.
Billington, Evans R., and S. L. Sundstrom, to Bastian-Blessing Co. Control valve safety clutch mechanism. 3,193,243, 7–6–65, Cl. 251—96.
Billington, Wiliam P., and D. F. Howson, to National Research Development Corp. Hydraulic machines of the piston-operated type. 3,190,224, 6–22–65, Cl. 103—37.
Billon, Gerard, and J.-C. Henry, to Etablissements Merlin and Gerin, Societe Anonyme. Compressed gas circuit breaker having a spherical metal reservoir forming part of an arcing gap. 3,218,422, 11–16–65, Cl. 200—148.
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Grosbois, Marcel, and Billon. 3,201,717.
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Bills, William D., to E. I. du Pont de Nemours and Co. Addition of magnesium silicate to a polyester in the manufacture of oriented film. 3,201,506, 8–17–65, Cl. 264—210.
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Bilocq, Georges A., to Morano Ltd. Feed regulating apparatus for logs or the like. 3,214,000, 10–26–65, Cl. 198—33.
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Bindematic Corp.: *See*—
Dennis, Ralph E. 3,211,156.
Binder, George G., Jr., and C. D. Russell, to Esso Production Research Co. Method of secondary recovery. 3,208,517, 9–28–65, Cl. 166—9.
Binder, Hans, and J. Sulo, to Rutgerswerke-Aktiengesellschaft. Process for the preparation of durene. 3,219,720, 11–23–65, Cl. 260—668.
Binder, Herbert: *See*—
Krupick, Walter J., and Binder. 3,178,599.
Krupick, Walter J., and Binder. 3,217,198.
Binder, Hermann, and E. Fridrich, to Rieker & Co. Ski boot. 3,190,015, 6–22–65, Cl. 36—2.5.

Binder Magneto K.G.: *See*—
Binder, Wilhelm, and Hauer. 3,179,858.
Binder, Wilhelm, Hauer, and Haug. 3,181,039.
Binder, Richard, to Fichtel & Sachs A.G. Clutch disk. 3,180,470, 4–27–65, Cl. 192—107.
Binder, Robert, to Dr. Ing. Porsche, h.c.F., K.G. Vehicle heating installation. 3,207,440, 9–21–65, Cl. 237—12.3.
Binder, Robert, to Dr. Ing. Porsche, h.c.F., K.G., Firma. Cam shaft drive arrangement for internal combustion engines. 3,225,610, 12–28–65, Cl. 74—56.
Binder, Rolf, and P. Stahëli, to Rieter Machine Works Ltd. Apparatus for connecting severed card web. 3,196,492, 7–27–65, Cl. 19—106.
Binder, Wilhelm, and R. Hauer, to Binder Magneto K.G. Controllable permanent magnetic chuck. 3,179,858, 4–20–65, Cl. 317—159.
Binder, Wilhelm, R. Hauer, and H. Haug, to Binder Magnete K.G. Energizing circuit network for actuating magnets 3,181,039, 4–27–65, Cl. 317—154.
Binder, Wolfgang, 50% to G. Kersten. Inside micrometer. 3,186,093, 6–1–65, Cl. 33—164.
Bin-Dicator Co., The: *See*—
Grostick, Norman L. 3,175,831.
Binding, Kenneth W., Market Forge Co. Head and neck rest for automobile seat backs. 3,226,159, 12–28–65, Cl. 297—397.
Bindler, Jakob: *See*—
Kleemann, Alois, and Bindler. 3,168,520.
Model, Ernst, Stammbach, and Bindler. 3,211,607.
Bindler, Jakob, E. Model, and R. Zinkernagel, to Geigy Chemical Corp. Biocidal agents. 3,190,797, 6–22–65, Cl. 167—33.
Bindler, Jakob, and R. Keller, to Geigy Chemical Corp. Non-ionogenic polyamine ether capillary active compounds. 3,206,511, 9–14–65, Cl. 260—570.6.
Bindler, Jakob, and E. Model, to Geigy Chemical Corp. Antimicrobic compositions and use thereof. 3,223,547, 12–14–65, Cl. 106—316.
Bindler, Jakob, and E. Model, to Geigy Chemical Corp. Antimicrobic compositions and use thereof. 3,223,582, 12–14–65, Cl. 167—30.
Bindschedler, Pierre E. Closure cap for containers. 3,203,570, 8–31–65, Cl. 215—39.
Bing, David D.: *See*—
Kenreich, Richard R., and Bing. 3,180,037.
Bing, George H., and R. A. Krieger, to Union Carbide Australia, Ltd. Directed nuclear substitution-chlorination of aromatic hydrocarbons and halogenated aromatic hydrocarbons. 3,226,447, 12–28–65, Cl. 260—650.
Bing, Herbert A., P. L. Finelli, and F. T. Gianino, to Polaroid Corp. Camera apparatus for exposing and processing photographic film. 3,207,052, 9–21–65, Cl. 95—11.5.
Bing, Herbert A., and R. A. Malerbi, to Polaroid Corp. Photographic range and viewfinder. 3,221,627, 12–7–65, Cl. 95—44.
Bingel, Robert I., to Mead Specialties Co., Inc. Balanced relay valve for safety control system. 3,168,008, 2–2–65, Cl. 91—178.
Binger, Paul: *See*—
Köster, Roland, and Binger. 3,167,594.
Bingham, Charles T., D. I. Miller, and E. Kozlowski, to TRW Inc. Apparatus for stopping bullets. 3,217,534, 11–16–65, Cl. 73—167.
Bingham, George H., Jr., to Cambridge Rubber Co. Method of venting sole attaching molds. 3,185,752, 5–26–65, Cl. 264—316.
Bingham, George H., Jr., to Cambridge Rubber Co. Method of making a spiked, waterproof shoe. 3,187,073, 6–1–65, Cl. 264—255.
Bingham, George H., Jr., to Cambridge Rubber Co. Method of making waterproof boots by sluch-molding. 3,198,864, 8–3–65, Cl. 264—250.
Bingham, John D., to Henry Simon, Ltd. Fitted sieve frames. 3,193,098, 7–6–65, Cl. 209—404.
Bingham, Kenneth C. A., P. J. Peoples, and M. Williams, to The General Electric Co. Ltd. Memory devices including crossed conductors in the presence of field modifying elements. 3,219,984, 11–23–65, Cl. 340—174.
Bingham, Samuel H., Jr., to Black Products Co. Flying target for trap shooting. 3,169,767, 2–16–65, Cl. 273—105.4.
Bingham, Sidney H. Rubber tired railway truck and guiding device. 3,208,400, 9–28–65, Cl. 104—120.
Bingham, Sidney H. Railroad and rapid transit car and undercarriage suspension system. 3,208,402, 9–28–65, Cl. 105—133.
Bingham, Sidney H. Railway signal system. 3,218,453, 11–16–65, Cl. 246—63.
Bingham, Stanley A.: *See*—
Gemeinhardt, Paul G., and Bingham. 3,165,483.
Gemeinhardt, Paul G., and Bingham. 3,178,300.
Bingham's Sam'l, Son Mfg. Co.: *See*—
Brown, James K. 3,184,355.
Bingman, Richard T.: *See*—
Young, Ralph C., and Bingman. 3,167,349.
Binkert, Jacob: *See*—
Von Wartburg, Albert, Binkert, Angliker, and Renz. 3,211,719.
Binkis, Alexander M., to Zenith Radio Corp. Miller effect voltage sensitive capacitance AFC system. 3,209,278, 9–28–65, Cl. 331—20.
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Plos, Otto G., and Jones. 3,179,341.
Tautz, Herbert E. 3,212,354.
Binks, Melvin J. Pinhole detector optical system. 3,188,478, 6–8–65, Cl. 250—219.
Binner-Kort, Ruth: *See*—
Backhaus, Otto, Roscher, and Kort. 3,179,081.
Binnings, Clem B., to Whitney National Bank of New Orleans. Mandrel for pile casings. 3,214,918, 11–2–65, Cl. 61—53.72.
Binns, Jack N. Contour roll-turning lathe. 3,168,846, 2–9–65, Cl. 82—2.
Binns, Jack N. Roll lathe tailstock. 3,198,042, 8–3–65, Cl. 82—31.
Binns, Jack N., C. E. Clutter, and R. Heaton; said Clutter and Heaton assor. to J. N. Binns. Roll lathe face plate mounting. 3,194,093, 7–13–65, Cl. 82—28.
Binon, Georges M. Frozen food shaving and thawing machine. 3,182,699, 5–11–65, Cl. 146—91.
Binstock, Martin H., and H. E. Kline, to United States of America, Atomic Energy Commission. Uranium base alloy. 3,170,788, 2–23–65, Cl. 75—122.7.
Bintz, Louis J., to Norris-Thermador Corp. Flame arrestor for crankcase ventilating apparatus. 3,182,647, 5–11–65, Cl. 123—119.
Bintz, Louis J., to Norris-Thermador Corp. Fire check and cold start control device for crankcase ventilator. 3,225,753, 12–28–65, Cl. 123—119.
Binzoni, Emilio M., E. W. Rosenthal, G. T. Gonzales, W. L. Poland, and G. D. Cerf, to Sperry Rand Corp. Document feeder. 3,173,684, 3–16–65, Cl. 271—57.
Biochemical Processes, Inc.: *See*—
Gerhardt, Philipp, and Gallup. 3,186,917.
Bio-Engineering, Inc.: *See*—
Murr, William C., and Eilers. 3,184,960.
Biorex Laboratories Ltd.: *See*—
Gottfried, Siegfried, and Baxendale. 3,167,475.
Bio-Science Laboratories: *See*—
Davis, John E. 3,189,413.
Birch Bros., Inc.: *See*—
Birch, Clifford W. 3,199,393.
Birch, Clifford W., and Briggs. 3,167,268.
Briggs, Richard. 3,167,041.
Briggs, Richard. 3,203,386.
Birch, Clifford W., to Birch Bros., Inc. Chain cutter for web materials. 3,199,393, 8–10–65, Cl. 83—563.
Birch, Clifford W., and R. Briggs, to Birch Bros., Inc. Automatic cut-off web winder apparatus. 3,167,268, 1–26–65, Cl. 242—56.
Birch, Raymond E., D. F. King, and B. Davies, to Harbison-Walker Refractories Co. Silica refractories. 3,216,838, 11–9–65, Cl. 106—69.
Birch, Richard W., to Bard-Parker Co., Inc. Surgical soap dispenser. 3,203,597, 8–31–65, Cl. 222—179.
Birch, William G.: *See*—
Sillars, Frederick S., and Birch. 3,190,526.
Birchall, James D., to Imperial Chemical Industries Ltd. Sodium chloride product having a reduced caking tendency and process for producing same. 3,174,825, 3–23–65, Cl. 23—89.
Birchall, Thomas D. Food canning system and process. 3,169,874, 2–16–65, Cl. 99—182.
Bird, Arthur P. Cover for upholstered seats. 3,220,768, 11–30–65, Cl. 297—223.
Bird, Forrest M., and H. L. Pohndorf. Nebulizer. 3,172,406, 3–9–65, Cl. 128—194.
Bird, Forrest M., and H. L. Pohndorf. Respirator. 3,191,596, 6–29–65, Cl. 128—29.
Bird, Gordon S., Jr., to Sanbern Mortgage and Finance Co. Heat exchanger. 3,200,601, 8–17–65, Cl. 62—3.
Bird, Jack R., G. W. Meetham, and M. A. Wheeler, to Rolls-Royce Ltd. Nickel chromium base alloy products. 3,222,165, 12–7–65, Cl. 75—171.
Bird, Joseph G., to Sterling Drug Inc. Aqueous radiopaque solutions containing sodium and calcium ions. 3,175,952, 3–30–65, Cl. 167—95.
Bird, Joseph W.: *See*—
Shafer, Philip E., Walendzievicz, Bird, and Woolard. 3,168,778.
Bird, Lester F., to Bell Telephone Laboratories, Inc. Direct-current switch employing PNPN controlled rectifiers. 3,175,166, 3–23–65, Cl. 331—111.
Bird Machine Co.: *See*—
Dick, George M. 3,223,239.
Keyworth, Arthur E., Jr. 3,221,357.
Keyworth, Arthur E., and Kleimola. 3,220,339.
Roos, John T. 3,188,372.
Roos, John T. 3,216,576.
Wikdahl Nils A. L. 3,214,022.
Bird, Merrill S. Animal cage feeding device. 3,185,133, 5–25–65, Cl. 119—18.
Bird, Merrill S. Ballast element. 3,185,255, 5–25–65, Cl. 188—1.
Bird, Richard C., and T. S. Stafford, to International Business Machines Corp. Data system with aperiodic synchronization. 3,208,050, 9–21–65, Cl. 340—172.5.
Bird, Robert H., 50% to W. W. Herron. Stop motion for cotton card. 3,199,151, 8–10–65, Cl. 19—.25.
Bird, Robert M.: *See*—
Dickson, Donald C., Jr., and Bird. 3,176,201.
Dickson, Donald C., Jr., and Bird. 3,176,382.

Bird, Ruth. Carpet installing apparatus. 3,178,155, 4–13–65, Cl. 254—62.
Bird, Walter W., G. F. Reitmeier, and A. T. Baschmann, to United States of America, Army. Baffle vent for air supported building. 3,185,165, 5–25–65, Cl. 135—14.
Biru, Walter W. P. A. Strobel, P. I. Rongved, and D. P. Zamore. Inflatable form for a concrete building. 3,225,-413, 12–28–65, Cl. 25—128.
Bird, William H.: *See*—
Liloia, Gerald J., and Bird. 3,220,409.
Birdsall, Charles K., and R. W. Grow, to General Electric Co. High frequency energy apparatus with interleaved ladder line slots. 3,202,867, 8–24–65, Cl. 315—39.3.
Birdsall, Dale H. Air injector for water well pressure systems. 3,190,223, 6–22–65, Cl. 103—6.
Birdsall, Ida E. Educational apparatus for teaching mathematics. 3.171,217, 3–2–65, Cl. 35—31.
Birdsboro Corp.: *See*—
Peterson, Edward C., and Boblitz. 3,187,541.
Birdsong, Charles W. Valve for mixing hot and cold water with soap in various proportions. 3,220,656, 11–30–65, Cl. 239—315.
Birdwell, J. C. Torsional drive coupling. 3,210,962, 10–12–65, Cl. 64—26.
Birfield Engineering Ltd.: *See*—
Bals, Edward J. 3,221,993.
Cull, William. 3,169,777.
Cull, William. 3,173,336.
Cull, William. 3,176,476.
Cull, William. 3,179,428.
Cull, William. 3,186,189.
Holmes, Alfred. 3,209,627.
Birgbauer, Gordon J., Sr., to American Metal Products Co. Spring construction. 3,176,324, 4–6–65, Cl. 5—247.
Biringer, Paul P., to Her Majesty, the Queen, in right of, as represented by the Minister of National Defence. Static frequency multipliers. 3,221,244, 11–30–65, Cl. 321—68.
Birk, Rudolf: *See*—
Schwab, Richard, Birk, and Käufer. 3,170,382.
Birkebak, Richard C. Infrared detector utilizing an integrating sphere radiometer. 3,222,522, 12–7–65, Cl. 250—83.3.
Birkel, George, Jr., to Radiation, Inc. Hybrid computer. 3,221,155, 11–30–65, Cl. 235—154.
Birkenes, Bernhard, deceased, by R. Birkenes, administratrix, to Motorola Inc. Mixer circuit for autodyne receiver in which untuned coil couples signal to intermediate frequency transformer. 3,165,700, 1–12–65, Cl. 325—440.
Birkenes, Bernhard, deceased (by R. Birkenes, administratrix), to Motorola Inc. Automatic gain control circuit with signal overload prevention. 3,205,444, 9–7–65, Cl. 325—404.
Birkenes, Randi: *See*—
Birkenes, Bernhard. 3,165,700.
Birkenes, Bernhard. 3,205,444.
Birkenmeyer, Robert D., D. Lednicer, F. Kagan, and B. J. Magerlein, to The Upjohn Co. 3-aminoether pregnanes. 3,169,132, 2–9–65, Cl. 260—397.3.
Birkenmeyer, Robert D., and H. Hoeksema, to The Upjohn Co. N,N′-bis(trifluoroacetyl)actinospectacin and the 9-trifluoroacetyl thereof. 3,184,478, 5–18–65, Cl. 260—340.3.
Birkenmeyer, Robert D., F. Kagan, D. Lednicer, and B. J. Magerlein, to The Upjohn Co. 3-aminoethers of 3β-hydroxy androstanes. 3,210,386, 10–5–65, Cl. 260—397.3.
Birkenwald, S., Co.: *See*—
Story, Thomas. 3,186,668.
Story, Thomas. 3,199,821.
Birkett, Earl. Pen assembly device. 3,183,582, 5–18–65, Cl. 29—200.
Birkhold, Ralph O.: *See*—
Brunsting, Ralph, Birkhold, and Casselman. 3,180,595.
Birkness, Harald: *See*—
Pearce, Frank G., Wright, Birkness, and Linsk. 3,180,-810.
Birman, Joseph H. Apparatus for geothermal prospecting. 3,181,629, 5–4–65, Cl. 175—40.
Birman, Joseph H., to Geothermal Surveys Inc. Geothermal prospecting. 3,217,550, 11–16–65, Cl. 73—432.
Birmann, Rudolph, to De Laral Turbine Inc. Turbocharger involving a centripetal turbine. 3,173,241, 3–16–65, Cl. 60—13.
Birmans, Josef, and G. Dubs, to Adolph Saurer Ltd. Drive for gripper looms. 3,192,958, 7–6–65, Cl. 139—122.
Birmingham, Henry P.: *See*—
Baldwin, Alan W., and Birmingham. 3,170,979.
Birmingham, Roy J., to General Electric Co. Water cooler and hot water accessory kit therefor. 3,221,806, 12–7–65, Cl. 165—64.
Birmingham Small Arms Co. Ltd. The: *See*—
Boyce, Frederick C., and Fogaty. 3,183,319.
Cox, Alan J. 3,176,090.
Taylor, Wilfred. 3,181,369.
Taylor, Wilfred, and Farrell. 3,198,017.
Whitbread, Albert H., and Dolman. 3,200,683.
Birnbaum, Morris M., and P. M. Salomon, to General Precision Inc. Arrangement for deflecting the electron beam of a cathode ray tube in a rosette pattern. 3,175,121, 3–23–65, Cl. 215—23.
Birnbaum, Morris M., and P. M. Salomon, to General Precision, Inc. Multiplier circuit. 3,215,825, 11–2–65, Cl. 235—194.
Birnkrant, Milton. Inflatable furniture arrangements. 3,166,799, 1–26–65, Cl. 20—1.11.
Biro, Alexander J., to Season-All Industries, Inc. Double hung window. 3,167,822, 2–2–65, Cl. 20—52.
Biro, Joseph J.: *See*—
Goldfarb, Samuel, and Biro. 3,200,395.
Birs Beteiligungs-und Verwaltungsgesellschaft A.G.: *See*—
Hussmann, Peter. 3,190,343.
Birse, Alexander L., to John G. Stein & Co. Ltd. Hanging of refractory bricks. 3,204,587, 9–7–65, Cl. 110—99.
Birtcher Corp., The: *See*—
Emmons, Donald L. V. 3,202,149.
Finch, Horace T. 3,198,489.
Gardner, Jack E. 3,218,622.
Mack, Rodney L., and Weisman. 3,186,554.
Birtley, Willard B., to HRB-Singer, Inc. Electronic plotting board. 3,188,631, 6–8–65, Cl. 343—9.
Birtwistle, William, Allied Mills Ltd.: *See*—
Robertshaw, Thomas. 3,216,668.
Birtzer, Loren F. Portable wiper for gauge rods. 3,205,525, 9–14–65, Cl. 15—210.
Birum, Gail H.: *See*—
Cornell, David, Birum, and Fair. 3,206,377.
Heininger, Samuel A., and Birum. 3,188,342.
Richardson, George A., and Birum. 3,190,892.
Birum, Gail H., to Monsanto Co. Composition and method of killing insects with phosphoranoate esters. 3,172,803, 3–9–65, Cl. 167—30.
Birum, Gail H., to Monsanto Co. s-[(arylthio)(phosphinyl)methyl]phosphorus esters and process for preparing sulfur-containing organic phosphorus compounds. 3,183,256, 5–11–65, Cl. 260—461.
Birum, Gail H., to Monsanto Co. 2,2-bis(halomethyl)-1,3-propylenebis(phosphorodihalidates) and halogenated diphosphate esters thereof. 3,192,242, 6–29–65, Cl. 260—461.
Bisbee, William A., and G. C. Kaiser, said Bisbee assor. to said Kaiser. Thread cutting attachment for an engine lathe and the like. 3,192,806, 7–6–65, Cl. 82—5.
Bisberg, Arthur, to Flow Corp. Fluid-flow force and/or direction measuring apparatus and method. 3,212,329, 10–19–65, Cl. 73—189.
Bisbing, Robert H.: *See*—
Barry, John K., and Bisbing. 3,209,425.
Bisbing, Robert H. to South Chester Corp. Blind rivet. 3,178,991, 4–20–65, Cl. 85—84.
Bisbing, Robert H., to South Chester Corp. Draw pull catch. 3,181,905, 5–4–65, Cl. 292—109.
Bisbing, Robert H., to South Chester Corp. High strength threaded insert. 3,198,231, 8–3–65, Cl. 151—41.73.
Bisch, James L., to United States of America, Army. Mine clearing snake. 3,183,835, 5–18–65, Cl. 102—19.
Bischof, Walter J., to Bourns, Inc. Differential-transformer displacement-transducer. 3,181,055, 4–27–65, Cl. 323—51.
Bischoff, Garth L., and D. I. Hoiberg. Periodically actuated aerosol dispenser. 3,218,857, 5–11–65, Cl. 222—70.
Bischoff, Gottfried: *See*—
Hausberg, Gerhard. 3,199,267.
Bischoff, Gustav H. Air-operated sounding toy. 3,172,232, 3–9–65, Cl. 46—118.
Bish Creative Display, Inc.: *See*—
Buescher, Lorenz F., and L. M. 3,201,073.
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Bishman, Walter A., and Ruhland. 3,164,197.
Bishman, Walter A., and Ruhland. 3,164,198.
Hemmeter, George T. 3,165,932.
Swenson, William E., Ruhland, and Albertson. 3,164,-199.
Bishman, Walter A., and W. F. Ruhland, to Bishman Mfg. Co. Tire tool. 3,164,197, 1–5–65, Cl. 157—1.3.
Bishman, Walter A., and W. F. Ruhland, to Bishman Mfg. Co. Tire changer 3,164,198, 1–5–65, Cl. 157—1.17.
Bishop and Babcock Corp., The: *See*—
Adams, James E. 3,175,795.
Adams, James E. 3,179,966.
Adams, James E. 3,189,076.
Adams, James E. 3,189,143.
Adams, James E. 3,193,237.
Adams, James E. 3,204,288.
Adams, James E. 3,217,772.
Adams, James E. 3,218,101.
Hamann, Harry L., and Silstorf. 3,182,367.
Jaworski, Leonard S. 3,204,308.
Jaworski, Leonard S. 3,217,586.
Munse, Robert A. 3,192,823.
Munse, Robert A. 3,198,232.
Munse, Robert A. 3,210,031.
Munse, Robert A. 3,217,582.
Munse, Robert A. 3,217,585.
Munse, Robert A. 3,217,773.
Bishop Clarence E.: *See*—
Manning, John A., Jr. Bishop, and Kight. 3,210,451.
Miller, William B., and Bishop. 3,169,089.
Bishop, Claude R.: *See*—
Fowler, Robert M., and Bishop. 3,198,715.
Bishop, Claude R., and W. J. Boesch, to Union Carbide Corp. Nickel-alloy. 3,188,204, 6–8–65, Cl. 75—170.
Bishop, Donald, and J. H. Ripper, to National Research Development Corp. Linear measuring instruments. 3,222,-789, 12–14–65, Cl. 33—161.
Bishop, Earl L., and S. C. Sabo, to The Akron Standard Mold Co. Tire building drum. 3,178,331, 4–13–65, Cl. 156—415.
Bishop, Frederic L., and A. D. Pinotti, to Owens-Illinois Glass Co. Neutron-absorptive glass. 3,216,808, 11–9–65, Cl. 65—18.

Bishop, Geoffrey S., to Elliott Bros. (London) Ltd. Control fault veto. 3,195,838, 7–20–65, Cl. 244—78.
Bishop, Geoffrey S., to Elliott Bros. (London) Ltd. Control fault veto. 3,218,938, 11–23–65, Cl. 91—448.
Bishop, George, to The Churchill Machine Tool Co. Ltd. Gauge units for machine tools. 3,186,096, 6–1–65, Cl. 33—178.
Bishop, Harold F.: *See*—
Walsh, John P., and Bishop. 3,198,640.
Bishop, Harold P. Valve construction. 3,178,152, 4–13–65, Cl. 251—174.
Bishop, Harry K.: *See*—
Reilly, Thomas A., Beckman, and Bishop. 3,212,935.
Reilly, Thomas A., Beckman, and Bishop. 3,223,557.
Bishop, Hazel Inc.: *See*—
Kass, Gus S. 3,185,627.
Bishop, Irving N., and L. Hideg, to Ford Motor Co. Combustion chamber for an internal combustion engine. 3,195,519, 7–20–65, Cl. 123—32.
Bishop, J., & Co., Platinum Works: *See*—
Steele, Raymond. 3,202,594.
Bishop, Jerald W.: *See*—
Gilmore, Merwin W., Bishop, and McVay. 3,171,269.
Gilmore, Merwin W., Bishop, and McVay. 3,187,722.
Gilmore, Merwin W., Bishop, and McVay. 3,198,174.
Bishop, John R.: *See*—
McLane, Stanley R., Bishop, and Raman. 3,174,842.
Bishop, John W. H., to Bishop Spools, Inc. Container and spool package. 3,211,273, 10–12–65, Cl. 197—151.
Bishop, John W. H. Portable drying rack. 3,220,559, 11–30–65, Cl. 211—86.
Bishop, Leonard J., to Mechanical Handling Systems Inc. Conveyor signal setting mechanism. 3,177,814, 4–13–65, Cl. 104—88.
Bishop, Leonard J,. to Mechanical Handling Systems Inc. Conveyor control system. 3,194,177, 7–13–65, Cl. 104—88.
Bishop, Leonard J., to Mechanical Handling Systems Inc. Dumping conveyor system. 3,223,226, 12–14–65, Cl. 198—38.
Bishop, Leonard J., and P. Klamp, to Mechanical Handling Systems, Inc. Load bearing trolley and trolley accumulation mechanism. 3,196,805, 7–27–65, Cl. 104—172.
Bishop Spools, Inc.: *See*—
Bishop, John W. H. 3,211,273.
Bishop, Thomas D., to The Deritend Engineering Co. Ltd. Suction feed mechanism for cardboard and like blanks. 3,171,647, 3–2–65, Cl. 271—11.
Bishop, Thomas D., to The Deritend Engineering Co. Ltd. Apparatus for forming plural stacks of articles. 3,217,902, 11–16–65, Cl. 214—6.
Bishop, Thomas D., to The Deritend Engineering Co. Ltd. Suction feed mechanism for corrugated and like cardboard. 3,226,108, 12–28–65, Cl. 271—32.
Bishop, W. A., Jr.: *See*—
Shaheen, George. 3,199,194.
Bishop, Winford R. Window aligning, adjusting and locking devices. 3,203,718, 8–31–65, Cl. 292—62.
Bisley, William F., and J. J. Jasionowski, to Ferro Corp. Hinged mounting for electric heating element. 3,221,140, 11–30–65, Cl. 219—404.
Bisschops, Johan H.: *See*—
Hendricx, Serge, Bisschops, Van Landeghem, and Loots. 3,216,846.
Bissel Inc.: *See*—
Hoxie, Orville D. 3,184,781.
Lindberg, Carl A., and Anderson. 3,184,778.
Bissell, Richard M., and H. E. Gilb, to The Cincinnati Milling Machine Co. Joystick control switch with electromagnetic detent. 3,219,782, 11–23–65, Cl. 200—107.
Bissell, Robert D.: *See*—
Gorgens, Joseph E., Ingham, and Bissell. 3,204,472.
Bissell, Robert D., and R. J. Ingham, to Dresser Industries, Inc. Guard device for pressure-responsive instruments. 3,202,063, 8–24–65, Cl. 92—91.
Bissell, Robert D., and J. E. Gorgens, to Dresser Industries, Inc. Shock resistant instrument. 3,214,979, 11–2–65, Cl. 73—418.
Bissett-Berman Corp., The: *See*—
Snow, William B. 3,213,199.
Bissett, Thomas B., A. A. Horak, and J. S. Bendat, to TRW Inc. Positioning determining system. 3,212,091, 10–12–65, Cl. 343—112.
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Bissinger, William E., to Pittsburgh Plate Glass Co. Novel polymers of unsaturated carbamates. 3,165,498, 1–12–65, Cl. 260—67.
Bissinger, William E., to Pittsburgh Plate Glass Co. Stabilization of methylchloroform. 3,192,273, 6–29–65, Cl. 260—652.5.
Bissinger, William E., F. Strain, H. C. Stevens, W. R. Dial, and R. S. Chisholm, to Pittsburgh Plate Glass Co. Mixed carbonate-carbamate polyesters and process of making. 3,215,668, 11–2–65, Cl. 260—47.
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Bissonette, Alfred J., and W. Munch, Jr., to D. H. Baldwin Co. Gating system for electrical musical instrument. 3,176,060, 3–30–65, Cl. 84—1.01.
Bisták, Michal, to Výskumný ústav zváračský MHD. Installation for welding or casting under molten slag cooled closure plates. 3,170,430, 2–23–65, Cl. 113—136.
Bistline, Raymond G., Jr.: *See*—
Stirton, Alexander J., Bistline, Weil, and Ault. 3,219,584.
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Bitko, Sheldon. Welded hermetic seal. 3,190,952, 6–22–65, Cl. 174—52.
Bitter, James E. Cutter. 3,187,616, 6–8–65, Cl. 83—462.
Bitter, James E. Composing stick. 3,203,725, 8–31–65, Cl. 294—64.
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Bittner, Donald L. Metering device. 3,182,692, 5–11–65, Cl. 141—25.
Bittner, Donald L. Laboratory mixer-separator. 3,215,500, 11–2–65, Cl. 23—259.
Bittner, Ernst, to The Scholl Mfg. Co., Inc. Corn and callous file. 3,198,198, 8–3–65, Cl. 132—76.4.
Bittner, Frank W. Fluid conduit adjustable support ramp. 3,169,741, 2–16–65, Cl. 248—49.
Bittner, Hans J., to H. Putsch & Co. Machine for making hollow glass article. 3,189,425, 6–15–65, Cl. 65—237.
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Dumas, Francois, and Bitton. 3,217,821.
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Jenkins, Ford M., and Bitzer. 3,165,418.
Bitzer, Martin, to Trico Products Corp. Fluid motor. 3,217,607, 11–16–65, Cl. 91—178.
Bitzer, Martin, and B. S. Graczyk. Windshield wiping system. 3,204,279, 9–7–65, Cl. 15—250.12.
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Bivans, Elbert L. 3,198,316.
Bivans, Elbert L., to Bivans Corp. Sprocket drive for carton conveyor. 3,198,316, 8–3–65, Cl. 198—179.
Bixby, Leon C. Heat treating basket. 3,179,393, 4–20–65, Cl. 263—47.
Bixby, Paul A., to The Bendix Corp. Master cylinder cap. 3,173,265, 3–16–65, Cl. 60—54.6.
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Bixby-Zimmer Engineering Co.: *See*—
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Bixler, Kenneth D., to Diamond International Corp. Reclosable tamper-proof carton. 3,206,103, 9–14–65, Cl. 229—51.
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Bizioli, Franco: *See*—
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Bjaresten, Nils-Ake, to Allmanna Svenska Elektriska Aktiebolaget. Multi-stable flip-flop circuit for generating rectangular pulses from an alternating current control voltage source. 3,189,831, 6–15–65, Cl. 328—13.
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Bjerre, Folmar I. Accessory to mail cart. 3,216,686, 11–9–65, Cl. 248—100.
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Bjork, Carl K., to The Dow Chemical Co. Protective treatment for Mg and Mg-based alloys. 3,183,125, 5–11–65, Cl. 148—6.2.
Björk, John C. H., and B. E. Backholm, to Telefonaktiebolaget L. M. Ericsson. Circuit arrangement for automatic telephone exchanges. 3,184,553, 5–18–65, Cl. 179—27.
Bjorklund, Elmer G., and L. A. Haddock, Jr., to Clark Equipment Co. Clamping mechanism for lift trucks. 3,180,672, 4–27–65, Cl. 294—88.
Bjorklund, Gustaf E., to Rederi AB Soya. Rotary machine having a fluid-working medium. 3,188,918, 6–15–65, Cl. 91—204.

Björklund, Gustaf E., to Rederiaktiebolaget Soya. Rolling-piston machine. 3,216,366, 11–9–65, Cl. 103—161.

Bjorklund, Gustaf E., S. R. Edvardsson, and R. G. Eriksson, to Dentatus, Aktiebolaget. Machine adapted to operate as pump, compressor or motor. 3,192,867, 7–6–65, Cl. 103—161.

Bjorklund, John O., J. A. D. Eldh, and G. V. Gustafsson. Igniter with separated layers of explosive. 3,186,341, 6–1–65, Cl. 102—86.5.

Björklund, Knut B. Apparatus for live cell propagation. 3,172,235, 3–9–65, Cl. 47—1.4.

Bjorkman, Bengt H., to North American Philips Co., Inc. Radio navigation apparatus. 3,204,241, 8–31–65, Cl. 343—112.

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Bjornberg, Nils J., to Atlas Copco Aktiebolag. Hydraulically actuated reciprocable tools. 3,213,615, 10–26–65, Cl. 60—51.

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Blaauw, Gerrit A., to International Business Machines Corp. Data processing system programmed by instruction and associated control words including word address modification. 3,202,971, 8–24–65, Cl. 340—172.5.

Blacher, Philip. Portable haulers. 3,189,365, 6–15–65, Cl. 280—47.24.

Blachowski, John A., to Skil Corp. Predetermined torque release tool with non-ratcheting feature. 3,187,865, 6–8–65, Cl. 192—56.

Black, Andrew F., to Air-Pressure Damp-Proofing Services, Inc. Building surface applictor. 3,185,396, 5–25–65, Cl. 239—336.

Black, Archie S., and R. A. Casini, to Plough, Inc. Stable cosmetic preparations containing dihydroxy acetone. 3,177,-120, 4–6–65, Cl. 167—90.

Black, Bernard. Gas and liquid contact device. 3,225,522. 12–28–65, Cl. 55—223.

Black-Clawson Co., The: *See*—
Baxter, Joseph, Jr., Corbin, Green, Martin, and Rojecki. 3,215,594.
Coghill, James T. 3,187,718.
Green, Marshall S. 3,215,593.
Messing, Hjalmar S. 3,204,551.
Moore, Lawrence A. 3,167,470.
Obenshain, David N., and Penrod. 3,173,321.
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Brucker, William S. 3,204,470.
Elligson, Daniel M. 3,217,559.
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Kohler, Samuel H., and Stanley. 3,170,496.
Kohler, Samuel H., and Stanley. 3,186,454.
Kreutzer, Otto. 3,214,663.
Maffey, George E., Jr. 3,225,230.
Marshall, James W. 3,212,170.
McCarty, George W., and Short. 3,203,490.
McCarty, George W., and Teige. 3,203,742.
Neuhardt, Melvin H., and Beam. 3,212,938.
Riley, Robert H., Jr., and Elligson. 3,213,305.
Riley, Robert H., Jr., and Leaman. 3,194,688.
Riley, Robert H., Jr., and Neuhardt. 3,213,303.
Riley, Robert H., Jr., Neuhardt, and Beam. 3,212,188.
Schutz, Ewald, and Cassey. 3,213,908.
Short, Harold O. 3,170,523.
Stanley, Allen C. 3,178,956.
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Zimmerman, Christian B. 3,192,814.
Zimmerman, Christian B. 3,192,815.
Zimmerman, Christian B. 3,192,816.

Black, Dolphus H. Cryogenic storage container with inflatable jacket insulation. 3,169,379, 2–16–65, Cl. 62—50.

Black, Dolphus H. Fluid transporting system. 3,197,087, 7–27–65, Cl. 222—386.5.

Black, Donald H., to United States of America, Secretary of War. Smokeless powder manufacture. 3,205,286, 9–7–65, Cl. 264—3.

Black, Douglas E., 22½% to J. B. Ledford, 22½% to Q. R. Ford, and 5% to J. J. Bangora. Method of repairing plastic pipe. 3,171,419, 3–2–65, Cl. 137—15.

Black, Edward L. Saline-to-potable water conversion system and method. 3,168,450, 2–2–65, Cl. 202—48.

Black, H. R., Co.: *See*—
Black, Hugh R. 3,197,030.
Black, Hugh R. 3,225,928.

Black, Henry. Toy water pistol. 3,202,318, 8–24–65, Cl. 222—39.

Black, Hugh R., to H. R. Black, Co. Filter apparatus. 3,197,030, 7–27–65, Cl. 210—400.

Black, Hugh R., to H. R. Black, Co. Endless belt filter. 3,225,928, 12–28–65, Cl. 210—121.

Black, James B., and M. W. Dundore, to Twin Disc Clutch Co. Hydrodynamic retarder. 3,171,513, 3–2–65, Cl. 188—90.

Black, James C. W., K. T. Lawson, and P. W. Dobson, to The British Iron and Steel Research Association. Fluid cushioning systems. 3,197,339, 7–27–65, Cl. 134—15.

Black, James F., and J. Mackinnon, to Esso Research and Engineering Co. Hydrocarbon moderator-coolants for nuclear reactors. 3,178,357, 4–13–65, Cl. 176—50.

Black, James J., to Pullman Inc. Valving system for a vessel having a plurality of compartments. 3,187,766, 6–8–65, Cl. 137—267.

Black, James J., to Pullman Inc. Plug door. 3,204,299, 9–7–65, Cl. 20—23.

Black, James J., and F. V. Roy, to Pullman Inc. Method of fabricating self-sustaining vessels. 3,187,425, 6–8–65, Cl. 29—469.

Black, James J., and F. V. Roy, to Pullman Inc. Method of welding a joint. 3,224,085, 12–21–65, Cl. 29—493.

Black, John A.: *See*—
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Black, John M.: *See*—
Stiles, Samuel R., Warburton, and Black. 3,170,769.

Black, John W., Jr. Rotary speed differential mechanism. 3,205,731, 9–14–65, Cl. 74—785.

Black, Lloyd V., to Pittsburgh Plate Glass Co. Apparatus for bending glass sheets with intermediate finger support. 3,192,029, 6–29–65, Cl. 65—289.

Black, Martin L.: *See*—
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Bingham, Samuel H., Jr. 3,169,767.
Lau, Erwin M. 3,203,662.
Lau, Erwin M. 3,210,493.
Lau, Erwin M. 3,210,495.
Lau, Erwin M. 3,219,072.

Black, Raymond J., to The Bendix Corp. Testing apparatus. 3,208,266, 9–28–65, Cl. 73—9.

Black, Richard W., to United States of America, Army. Apparatus for lightering cargo vessels. 3,168,955, 2–9–65, Cl. 214—13.

Black, Richard W. Mobile air supported vehicle. 3,170,530, 2–23–65, Cl. 180—7.

Black, Robert B. Pulse jet engine. 3,177,663, 4–13–65, Cl. 60—39.77.

Black, Robert J., to American Bosch Arma Corp. Fluid density and viscosity sensor and control. 3,215,185, 11–2–65, Cl. 158—36.

Black, Robert L.: *See*—
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Black, Robert L., Jr., to Parks-Cramer Co. Traveling suction cleaner for textile mills. 3,188,680, 6–15–65, Cl. 15—312.

Black, Sivalls & Bryson, Inc. (B.S.&B.): *See*—
Conover, William J. 3,224,414.
Johnson, Harold L., and Barra. 3,169,009.
May, Russell D. 3,200,567.
McMinn, Robert E. 3,212,232.
McMinn, Robert E. 3,212,234.
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Black, Stanley H., D. Littler, and P. G. Smith, to Sperry Rand Corp. Frequency modulated continuous wave navigation radar. 3,197,773, 7–27–65, Cl. 343—9.

Black, Stewart L., T. L. Hanson, and B. G. Nail, to The Vendo Co. Apparatus for preparing and discharging water having controlled amounts of carbonation. 3,226,099, 12–28–65, Cl. 261—35.

Black, Warren R., to American Seating Co. Cabinet. 3,164,-431, 1–5–65, Cl. 312—282.

Black, Warren R., to American Seating Co. Hospital bed. 3,174,161, 3–23–65, Cl. 5—68.

Black, Warren R., and R. C. Zarzecki, to American Seating Co. Hospital bed. 3,177,503, 4–13–65, Cl. 5—68.

Black, Warren R., B. W. Henrikson, and R. C. Zarzecki, to American Seating Co. Overbed table. 3,207,099, 9–21–65, Cl. 108—141.

Black, Warren R., and R. L. Knapp, to American Seating Co. Hospital bed. 3,217,339, 11–16–65, Cl. 5—63.

Black, William A. P., E. T. Dewar, and D. Rutherford, to United States of America, Agriculture. Carbohydrate derived polyamides. 3,225,012, 12–21–65, Cl. 260—78.

Black, William B., to Monsanto Co. Acrylimide monomers and their polymers. 3,174,955, 3–23–65, Cl. 260—85.5.

Black, William B., to Monsanto Co. Halo-silanes as activators for the polymerization of pyrrolidone. 3,180,855, 4–27–65, Cl. 260—78.

Black, William B., to Monsanto Co. Benzenephosphorus dichloride and benzenephosphorus oxydichloride as activators for the polymerization of pyrrolidone. 3,210,324, 10–5–65, Cl. 260—78.

Black, William T.: *See*—
Bailey, Donald L., Black, and Dunham. 3,183,205.
Bailey, Donald L., Black, and Dunham. 3,219,726.

Black, William T., D. L. Bailey, and V. B. Jex, to Union Carbide Corp. Organosiloxane-polyoxyalkylene ether copolymers. 3,168,543, 2–2–65, Cl. 260—448.2.

Blackaby, Benjamin E., to The De Havilland Aircraft Co., Ltd. Coordinated engine load and fuel control system. 3,180,425, 4–27–65, Cl. 170—135.74.
Blackaby, Benjamin E., to The De Havilland Aircraft Co., Ltd. Engine control systems. 3,203,179, 8–31–65, Cl. 60—39.28.
Blackaby, Benjamin E., to The De Havilland Aircraft Co. Ltd. Magnetic amplifier engine control system. 3,213,288, 10–19–65, Cl. 307—75.
Blackaller, Arthur M., to Automatic Electric Laboratories, Inc. Molded plastic lever key for locking or non-locking operation. 3,164,687, 1–5–65, Cl. 200—1.
Blackburn, Alan B., to General Motors Corp. Permanent magnet rotor. 3,221,194, 11–30–65, Cl. 310—156.
Blackburn, Alan P., and E. E. Miles, to The General Electric Co. Ltd. Manufacture of phosphor suspensions. 3,165,269, 1–12–65, Cl. 241—30.
Blackburn, Andrew R.: *See*—
Emmel, Donald R., Blackburn, Steele, and Dawson. 3,199,164.
Blackburn, Andrew R., R. E. Steele, and H. H. Dawson, to The Murray Corp. Ware production from moist plastic material. 3,178,493, 4–13–65, Cl. 264—86.
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Toedtman, John A., and Hornung. 3,188,602.
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Wochner, Charles J., and Toedtman. 3,183,302.
Blackburn, John L., and W. E. Glassburn, to Westinghouse Electric Corp. Equipment for protecting electrical systems including inverse-time-delay response. 3,178,616, 4–13–65, Cl. 317—28.
Blackburn, William A., and J. R. Misenheimer, to Monsanto Co. Acrylic fibers made flame resistant with halogenated aliphatic acid esters. 3,210,315, 10–5–65, Cl. 260—31.2.
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Hauxwell, Jack, and Blacker. 3,217,492.
Hauxwell, Jack, and Blacker. 3,217,825.
Blacker, Francis G., and D. R. Skoyles, to North American Philips Co. Apertured coaxial tube quadripole lens. 3,176,-181, 3–30–65, Cl. 315—3.
Blacker, Robert O. Food cooking and steaming device. 3,209,671, 10–5–65, Cl. 99—234.
Blackett, James C., to Honeywell Inc. Electrolytic control apparatus. 3,178,901, 4–20–65, Cl. 62—139.
Blackett, Ralph F.: *See*—
Baker, Ray D. 3,206,842.
Blackhall, James M., to Automatic Electric Laboratories, Inc. Toll ticketing telephone system. 3,178,513, 4–13–65, Cl. 179—7.1.
Blackhall, James M., to International Telephone and Telegraph Corp. Automatic toll ticketing systems. 3,200,-200, 8–10–65, Cl. 179—7.1.
Blackham, Angus U., to National Distillers and Chemical Corp. Polymerization of ethylene with cyanides. 3,194,-800. Cl. 260—94.9.
Blackhawk Co.: *See*—
Nelson, Permil N. 3,184,800.
Nelson, Permil N. 3,185,397.
Blackhawk Plastic Mfg. Corp.: *See*—
Hidding, Walter E. 3,220,591.
Blackhurst, Homer T., C. C. Singletary, and A. S. Nemec. Mulching and seeding apparatus. 3,204,589, 9–7–65, Cl. 111—91.
Blackhurst, Robert V.: *See*—
Davies, David O., Blackhurst, and Keen. 3,219,263.
Morley, Frederick W. W., Davies, and Blackhurst. 3,178,-101.
Blackie, Ian, to Formica Ltd. Coating of materials with polymers. 3,168,426, 2–2–65, Cl. 156—306.
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Blackley, William D., to Texaco Inc. Bis-(perfluoroalkyl) nitroxide. 3,200,158, 8–10–65, Cl. 260—647.
Blackman, Alan E., to The Walter Kidde Co. Ltd. Fire extinguisher having swivel outlet with detachable discharge horn. 3,204,698, 9–7–65, Cl. 169—31.
Blackman, Calvin C., to Lee Wilson Engineering Co., Inc. Apparatus for surface coating of strip metal or the like. 3,183,888, 5–18–65, Cl. 118—49.5.
Blackman, Calvin C., J. J. Sims, and R. H. Jelinek, to Lee Wilson Engineering Co., Inc. Strip handling apparatus. 3,218,000, 11–16–65, Cl. 242—78.1.
Blackman, Peter, and J. P. Conbere, to I.C.I./Organics/Inc. Plasticized urea-formaldehyde resins. 3,174,943, 3–23–65, Cl. 260—33.2.
Blackman, Seymour N. Glass thermometer. 3,172,289, 3–9–65, Cl. 73—371.
Blackman Stuart B.: *See*—
Marchant, Francis C. I., and Blackman. 3,209,535.
Blackman, Vernon H., A. Demetriades, and M. S. Jones, Jr., to Allis-Chalmers Mfg. Co. Apparatus for generating electrical energy. 3,170,077, 2–16–65, Cl. 310—11.
Blackmer, John, and H. W. Vogt, to Eastman Kodak Co. Rapid processing of photographic color materials. 3,168,-400, 2–2–65, Cl. 96—22.
Blackmer, Paul W., to Norton Co. Method of making core drills. 3,173,314, 3–16–65, Cl. 76—108.
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Blackmer, Richard H., to General Electric Co. Methods and apparatus for removing heat and water from a fuel cell. 3,172,784, 3–9–65, Cl. 136—86.
Blackmer, Richard H., to United States of America, Navy. Hydrogen generating canister. 3,174,833, 3–23–65, Cl. 23—282.
Blackmore, Fred N., to Lus-Trus Corp. Receptacle. 3,169,-659, 2–16–65, Cl. 220—97.
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Cobb, Gordon E. 3,205,420.
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Baird, Gordon F. 3,178,980.
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Laudenslager, Harry B., Jr., and Hale. 3,189,443.
Laudenslager, Harry B., Jr., and Hale. 3,189,492.
Laudenslager, Harry B., Jr., and Hale. 3,192,036.
Blackstone, Fred J. Device and method for decelerating moving masses. 3,195,685, 7–20–65, Cl. 188—1.
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Schmidt, Lewis W. 3,215,588.
Blackwell, Curtis R. Fishing lure. 3,175,324, 3–30–65, Cl. 43—42.03.
Blackwell, Dana J., to Lewis Engineering Co. Illuminated indicating instrument. 3,216,394, 11–9–65, Cl. 116—129.
Blackwell, Francis O., III.: *See*—
Eisengrein, Robert H., and Blackwell. 3,187,599.
Eisengrein, Robert H., and Blackwell. 3,188,541.
Blackwell, Lawrence A.: *See*—
Kotzebue, Kenneth L., and Blackwell. 3,217,259.
Blackwood, Robert K., H. H. Rennhard, J. J. Beereboom, and C. R. Stephens, Jr., to Chas. Pfizer & Co., Inc. 13-substituted-6-deoxytetracyclines and process utilizing the same. 3,165,531, 1–12–65, Cl. 260—330.5.
Blackwood, Robert K., H. H. Rennhard, J. J. Beereboom, and C. R. Stephens, Jr., to Chas. Pfizer & Co., Inc. New antibacterial agents. 3,165,551, 1–12–65, Cl. 260—559.
Blackwood, Robert K., H. H. Rennhard, J. J. Beereboom, and C. R. Stephens, Jr., to Chas. Pfizer & Co., Inc. 6-methylenetracycline derivatives. 3,183,267, 5–11–65, Cl. 260—559.
Blackwood, Robert K., H. H. Rennhard, J. J. Beereboom, and C. R. Stephens, Jr., to Chas. Pfizer & Co., Inc. α-6-deoxytetracycline derivatives and process. 3,200,149, 8–10–65, Cl. 260—559.
Blackwood, Robert R., and W. D. Cheesman, to Union Carbide Corp. Metal quenching medium. 3,220,983, 11–30–65, Cl. 148—28.
Blackwood, William R., to Consolidated Cigar Corp. Article feeding apparatus. 3,200,930, 8–17–65, Cl. 198—24.
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Blaga, Aurel, to Allied Chemical Corp. Stabilized chlorinated paraffin wax. 3,194,846, 7–13–65, Cl. 260—652.5.
Blagoue, Alexander C.: *See*—
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Blaha, Emil, to Selas Corp. of America. Method of furnace operation. 3,212,554, 10–19–65, Cl. 158—7.6.
Blaha, Jess P., F. R. Cotton, and A. P. Gorbe, to Ford Motor Co. Apparatus for applying adhesive to a surface. 3,224,-411, 12–21–65, Cl. 118—408.
Blaha, John F.: *See*—
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Blaha, John F., to Harris-Intertype Corp. Cutting machine having magnetic storage mechanism for control of work feed means. 3,194,094, 7–13–65, Cl. 83—71.
Blahut, Edward J., A. F. Lichtenfeld, deceased, by H. Lichtenfeld, executrix. Grinding wheel refacer. 3,213,845, 10–26–65, Cl. 125—11.
Blaiklock, William J.: *See*—
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Blain, Albert, to Sperry Rand Corp. Random access magnetic tape memory systems. 3,183,495, 5–11–65, Cl. 340—174.1.
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Blain, Leland M., and S. S. Sidhu, to Revco, Inc. Refrigeration apparatus with defrost means. 3,218,823, 11–23–65, Cl. 62—278.
Blain, Normand A.: *See*—
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Blaine, John C., to Libbey-Owens-Ford Glass Co. Method and apparatus for feeding batch materials to a glass-melting furnace. 3,193,119, 7–6–65, Cl. 214—23.
Blaine, John C., to Libbey-Owens-Ford Glass Co. Apparatus for delivering fusible material to a glass melting furnace. 3,219,209, 11–23–65, Cl. 214—35.
Blair, Allen N.: *See*—
Long, John B., and Blair. 3,169,796.
Blair, Arthur R. Panel cover quick-acting latch. 3,179,455, 4–20–65, Cl. 292—65.
Blair, Boyd C., to Brackett Stripping Machine Co., Inc. Rebinding grinder. 3,188,667, 6–15–65, Cl. 11—1.
Blair, Boyd C., to Brackett Stripping Machine Co., Inc. Vibratory impression producing apparatus and film holder therefor. 3,188,687, 6–15–65, Cl. 18—1.
Blair, Calvin B. Self loading and unloading vehicle. 3,186,-567, 6–1–65, Cl. 214—510.
Blair, Calvin B. Bale handling head. 3,208,612, 9–28–65, Cl. 214—144.
Blair, Demoody: *See*—
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Blair, Douglas H., to Oregon Metallurgical Corp. Process for making sheet from brittle metals. 3,174,221, 3–23–65, Cl. 29—528.
Blair, Edgar A., to Sun Oil Co. Preparation of formaldehyde. 3,184,512, 5–18–65, Cl. 260—604.
Blair, Edmund G.: *See*—
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Blair, Etcyl H., to The Dow Chemical Co. S-aryl phosphoramidodithioates. 3,165,545, 1–12–65, Cl. 260—461.
Blair, Harold. Reinforced ring of resinous material. 3,219,503, 11–23–65, Cl. 156—148.
Blair, Harold, and J. F. Olsen, to Crane Packing Co. V packing with insert and method of making same. 3,171,661, 3–2–65, Cl. 277—205.
Blair, Harold F., and T. W. Robbins, to Western Electric Co., Inc. Apparatus for supporting terminals. 3,174,744, 3–23–65, Cl. 269—24.
Blair, John W., to The Bendix Corp. Means to seal a movable tubular member. 3,189,358, 6–15–65, Cl. 277—58.
Blair, Laurence R.: *See*—
Redican, Francis W., Blair, Yang, and Gorman. 3,219,467.
Blair, Minnie T.: *See*—
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Blair, Robert C., Jr. Orthopedic cervical brace. 3,224,439, 12–21–65, Cl. 128—75.
Blair, Ronald L. Undergarments. 3,221,747, 12–7–65, Cl. 128—479.
Blair, Ronald L. Undergarment. 3,221,750, 12–7–65, Cl. 128—540.
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Blaisdel, William J., to The Bendix Corp. Method of making conduits. 3,204,332, 9–7–65, Cl. 29—471.7.
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Blake, Frederick H. Molding machines. 3,213,486, 10–26–65, Cl. 17—1.
Blake, Gilbert D., R. J. Holzinger, and L. E. Reid, to Socony Mobil Oil Co., Inc. High temperature lubricant. 3,213,024, 10–19–65, Cl. 252—33.3.
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Work, Josiah, Joseph, and Blake. 3,184,397.
Blake, Julian H., to Ray Winther Co. Refrigeration system. 3,184,926, 5–25–65, Cl. 62—155.
Blake, Leslie R., to United Kingdom Atomic Energy Authority. Reactor control by spacing of fuel. 3,180,799, 4–27–65, Cl. 176—21.
Blake, Leslie R., to United Kingdom Atomic Energy Authority. Fast nuclear reactor fuel elements. 3,184,392, 5–18–65, Cl. 176—67.
Blake, Leslie R., to United Kingdom Atomic Energy Authority. Nuclear reactor fuel elements. 3,189,101, 6–15–65, Cl. 176—72.
Blake, Leslie R., to United Kingdom Atomic Energy Authority. Nuclear reactor fuel elements. 3,197,381, 7–27–65, Cl. 176—72.
Blake, Minden V. Practice club including pivotally mounted weight and latching member. 3,172,668, 3–9–65, Cl. 273—186.
Blake, Norman W., deceased (by B. B. Blake, administratrix), and C. C. Natale, to Eastman Kodak Co. Surface modification of zinc oxide and electro-photographic member therefrom. 3,197,307, 7–27–65, Cl. 96—1.
Blake, Steve P., to United States Steel Corp. Apparatus for automatically positioning and starting a wire fabric coiling device. 3,206,136, 9–14–65, Cl. 242—78.1.
Blake, William T., to Tew Mfg. Co. Sizing and grading machine. 3,206,024, 9–14–65, Cl. 209—804.
Blake, William T. Railway car draft appliance. 3,207,324, 9–21–65, Cl. 213—8.
Blake, William T., to Halliburton Co. Railway car draft assembly. 3,220,561, 11–30–65, Cl. 213—8.
Blakeley, James, to Victaulic Co. of America. Butterfly valves. 3,192,945, 7–6–65, Cl. 137—375.
Blakely, John W. Swivel. 3,204,990, 9–7–65, Cl. 285—164.
Blakely, Robert T., to International Business Machines Corp. Proportional space recording devices. 3,204,540, 9–7–65, Cl. 95—4.5.
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Blakeslee, Harry N., and H. E. Wilkinson, to American Can Co. Can opener. 3,172,317, 3–9–65, Cl. 81—3.46.
Blakistone, James T. Control system for recording apparatus. 3,217,993, 11–16–65, Cl. 242—55.12.
Blakistone, James T., and D. L. Burdorf, to Leach Corp. Tape transport. 3,184,132, 5–18–65, Cl. 226—181.
Blancato, Virgil. Pier fenders. 3,173,270, 3–16–65, Cl. 61—48.
Blanch, Julian E., and F. McCollough, Jr., to Stauffer Chemical Co. Non-hygroscopic potassium modified sodium aluminum acid phosphate and method of producing same. 3,205,073, 9–7–65, Cl. 99—95.
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Blanchard, Floyd W. Pressurized containers. 3,212,678, 10–19–65, Cl. 222—95.
Blanchard, Harry S., and H. L. Finkbeiner, to General Electric Co. Process for oxidizing phenols to polyphenyl ethers and diphenoquinones. 3,219,625, 11–23–65, Cl. 260—47.
Blanchard, Harry S., and H. L. Finkbeiner, to General Electric Co. Process for oxidizing phenols to polyphenyl ethers and diphenoquinones. 3,219,626, 11–23–65, Cl. 260—47.
Blanchard, Jean M., to Sirius. Laminated structures adapted to generate soundwaves and/or ultrasonic vibration, notably for producing vibratory effects along surfaces. 3,185,446, 5–25–65, Cl. 259—1.
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Blanchard, Roger M. Trampoline type bouncer toy. 3,167,312, 1–26–65, Cl. 272—57.
Blanchard, Wesley A., and J. C. Rhode, to E. I. du Pont de Nemours and Co. Process for preparing perfluoroalkyl iodides. 3,226,449, 12–28–65, Cl. 260—653.1.
Blanchenot, John P., to International Telephone and Telegraph Corp. Mating electrical pin and socket contacts and insulator therefor. 3,200,367, 8–10–65, Cl. 339—198.
Blanchet, Andre F., to S.A.T.A.M. Societe Anonyme pour tous Appareillages Mecaniques. Counter drum lighting device. 3,215,826, 11–2–65, Cl. 240—2.1.
Blanchet, Lucien. Mixed type terminal supports, and corresponding terminal bars. 3,201,747, 8–17–65, Cl. 339—198.
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Blanchi, Serge, and R. Lacour. Electromagnetic device with potted coil. 3,201,729, 8–17–65, Cl. 336—83.
Blanchin, Roger, and E. Tison, to Seailles & Tison. Type wheel setting and locking means in line composition. 3,196,782, 7–27–65, Cl. 101—93.
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Bland, Reginald B., and F. J. Ewing, to The Catacycle Co., Inc. Conversion of heats of chemical reactions to sensible energy. 3,225,538, 12–28–65, Cl. 60—37.
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Blank, Benjamin, and C. M. Greenberg, to Smith Kline & French Laboratories. Antihypercholesterolemic agents. 3,210,413, 10–5–65, Cl. 260—520.
Blank, Charles E., Sr., to Ingersoll-Rand Co. Wrist pin assembly. 3,179,451, 4–20–65, Cl. 287—100.
Blank, Edward, to Tobe Deutschmann Laboratories. Low inductance capacitor. 3,206,661, 9–14–65, Cl. 317—260.
Blank, Fritz A., ½ to A. K. Livingston, and ½ to Longines-Wittnauer Watch Co., Inc. D.C. motor speed control and signalling system, particularly designed for motion picture cameras. 3,173,072, 3–9–65, Cl. 318—325.
Blank, Hans G., to General Telephone and Electronics Laboratories, Inc. Electroluminescent-piezoelectric bar graph display system. 3,202,868, 8–24–65, Cl. 315—55.
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Blankenship, James L., to United States of America, Atomic Energy Commission. Method for producing P-I-N semiconductors. 3,212,940, 10–19–65, Cl. 148—1.5.
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Blasberg, Lawrence A., W. A. Hughes, and L. J. Lader, to Hughes Aircraft Co. Single channel monopulse radar system. 3,175,215, 3–23–65, Cl. 343—16.
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Blaser, Bruno, and K.-H. Worms, to Henkel & Cie., G.m.b.H. Process of forming metal ion complexes. 3,214,454, 10–26–65, Cl. 260—429.9.
Blashfield, William H. to North Electric Co., Automatic telephone system. 3,188,395, 6–8–65, Cl. 179—17.
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Blaustein, Herbert D., and J. A. Pierce, to Radio Corp. of America. Switching circuit. 3,209,339, 9–28–65, Cl. 340—174.1.
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Blazek, Henry, to Sperry Rand Corp. Base motion compensator for rate integral gyro. 3,224,281, 12–21–65, Cl. 74—5.6.
Blazek, Robert J., to Westinghouse Electric Corp. Method of making a light-transmitting, electrically conducting element. 3,172,773, 3–9–65, Cl. 117—33.5.
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Bleibtreu, Alexander, to Maschinenfabrik Reinhausen Gebruder Scheubeck K.G. Modular tap-changing selector switch for connecting selectively fixed tap contacts to a transfer switch. 3,194,900, 7–13–65, Cl. 200—11.
Bleibtreu, Alexander, to Maschinenfabrik Reinhausen Gebruder Scheubeck K.G. Transfer switches for tap-changing regulating transformers having squirrel-cage-shaped support for the fixed contacts thereof. 3,218,400, 11–16–65, Cl. 200—8.
Bleibtreu, Alexander, A. A. Schunda, deceased (by W., A., and B. Schunda, heirs), to Maschinenfabrik Reinhausen Gebruder Scheubeck K.G. Load tap changers for transformers. 3,176,089, 3–30–65, Cl. 200—18.

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Bleiweiss, Arthur F., G. Colombo, and J. B. Dickson, to Signal-Stat Corp. Dual intensity light system having double vane flasher operable at a constant flashing rate. 3,196,311, 7–20–65, Cl. 315—77.

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Bleiweiss, Arthur F., G. Colombo, J. B. Dickson, and B. Orlov, to Signal-Stat Corp. 2-vane voltage compensated shunt flasher. 3,225,165, 12–21–65, Cl. 200—122.

Bleiweiss, Arthur F., G. Colombo, J. B. Dickson, and B. Orlov, to Signal-Stat Corp. 2-vane voltage compensated shunt flasher. 3,225,166, 12–21–65, Cl. 200—122.

Blenkle, Erwin, to Bochumer Eisenhutte Heintzmann & Co. Hydraulically operated mine prop. 3,166,991, 1–26–65, Cl. 92—109.

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Bucknell, Ernest H., and Ward. 3,176,716.

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Blickle, Karl, E. Hoflich, and W. Hub, to J. M. Voith, G.m.b.H. Cycloidal ship propeller. 3,225,834, 12–28–65, Cl. 170—148.

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Blinn, Franz, to Moeller & Neumann O. H. G., Verwaltungsgesellschaft. Stay bolt structure for interconnecting structural parts. 3,216,540, 11–9–65, Cl. 189—36.

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Blizard, Robert B., to Schlumberger Well Surveying Corp. Acoustic well logging. 3,207,256, 9–21–65, Cl. 181—.5.

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Bloch, Godfrey. Process and apparatus for making bulked filament yarns. 3,175,348, 3–30–65, Cl. 57—34.

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Bloch, Herman S., to Universal Oil Products Co. Alkylation-transalkylation process. 3,183,233, 5–11–65, Cl. 260—671.

Bloch, Herman S., to Universal Oil Products Co. Purification process. 3,222,415, 12–7–65, Cl. 260—674.

Bloch, Peter K., and E. A. Henry, to Branson Instruments, Inc. Method and apparatus for ultrasonic weld inspection and display. 3,178,933, 4–20–65, Cl. 73—67.8.

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Goodwin, Herbert J. 3,210,628.
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Blok, Dirk E., to Hunter Douglas International (Quebec) Ltd. Structural element and a securing member for such element. 3,212,223, 10-19-65, Cl. 52—478.
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Blom, Roy A., to Potter Instrument Co., Inc. Tape handler apparatus. 3,179,318, 4-20-65, Cl. 226—196.
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Blomgren, Oscar C., Sr., and O. C. Blomgren, Jr., to Diamond Alkali Co. Pumping device. 3,216,617, 11-9-65, Cl. 222—64.
Blomgren, Oscar C., Sr., E. G. Munck, S. R. Griffiths, Jr., and O. C. Blomgren, Jr., to Inter-Probe, Inc. Heat control device and method. 3,224,485, 12-21-65, Cl. 158—1.
Blomgren, Oscar C., Sr., E. G. Munck, S. R. Griffiths, Jr., and O. C. Blomgren, Jr., to Inter-Probe, Inc. Method and apparatus for lowering the temperature of a heated body. 3,224,497, 12-21-65, Cl. 165—2.
Blomquist, Albert E. Filtering apparatus and seal therefor. 3,173,868, 3-16-65, Cl. 210—445.
Blomquist, Alfred T., and R. A. Vierling, to The B. F. Goodrich Co. 1,2-dimethylcyclobutenedione and method of preparation. 3,169,147, 2-9-65, Cl. 260—586.
Blomquist, Arthur G., W. F. Heins, and M. C. Neuman, to FMC Corp. Panel locking mechanism for console type structures. 3,175,873, 3-30-65, Cl. 312—296.
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Blonsky, George B. and C. E. Apparatus for facilitating the birth of a child by centrifugal force. 3,216,423, 11-9-65, Cl. 128—361.
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Blood, Perley T. Adjustable finger depth control for bowling balls. 3,204,960, 9-7-65, Cl. 273—63.
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Bloom, Leonard, to The Black and Decker Mfg. Co. Automatically-applied friction braking means for a portable electric tool. 3,224,474, 12-21-65, Cl. 143—43.
Bloom, Melvin S., and E. B. Towne, to Eastman Kodak Co. Azo compounds from aminoimidazoles. 3,213,080, 10-19-65, Cl. 260—155.
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Bloom, Robert E., and R. J. Fleischer, to Stoddard Aircraft Radio Co., Inc. R.F. bolometer bridge measuring circuit using substitutional bridge balance method. 3,200,331, 8–10–65, Cl. 324—106.

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Bloomfield, John J., 10.42% to W. P. Innes, Jr., 8.75% to B. S. Innes, 8.75% to W. P. Innes III, 8.75% to W. D. Innes, 6.67% to A. K. Phillips, 3.33% to H. P. Brown, 1.11% to A. W. Lander, 1.11% to J. W. Lavender, and 1.11% to D. W. Nye. Catalytic afterburner for internal combustion engines and the like. 3,220,179, 11–30–65, Cl. 60—30.

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Blose, Thomas L., and H. J. Beckert, to Armco Steel Corp. Threaded tube joint having a metal-to-metal seal. 3,224,799, 12–21–65, Cl. 285—334.

Bloss, Harold E., and G. E. Flurschutz, to The Air Preheater Corp. Circumferential turn-down seal for flexible sector plate. 3,208,509, 9–28–65, Cl. 165—9.

Bloss, Werner H., to W. Kluge. Energy converter. 3,217,189, 11–9–65, Cl. 310—4.

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Blough, Ronald S., to Universal Producing Co. Shelf bag stabilizer. 3,184,273, 5–18–65, Cl. 312—6.

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Blount, Charles, Jr., to The United Piece Dye Works. Apparatus for high temperature dyeing. 3,210,970, 10–12–65, Cl. 68—177.

Blount, Lester L., to Gordon D. McMaude. Oxygen and inhalant mask. 3,182,659, 5–11–65, Cl. 128—205.

Blount, Luther H. Power assist for vessel steering mechanism. 3,225,730, 12–28–65, Cl. 114—144.

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Blout, Elkan R., M. R. Cohler, M. Green, and R. B. Woodward, to Polaroid Corp. Anthraquinone derivatives containing an ortho- or para-dihydroxyphenyl-alkylamino substituent. 3 209,016, 9–28–65, Cl. 260—371.

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Bloxham, Robert, to Coast Mfg. and Supply Co. Selective oxidation depollution process and apparatus. 3,190,823, 6–22–65, Cl. 204—157.

Bloyaert, Felix, and E. Leblon, to Solvay & Cie. Process for the polymerisation and co-polymerisation of olefins. 3,214,417, 10–26–65, Cl. 260—88.2.

Blubaugh, Frederick C.: *See*—
Ainsworth, Cameron, Blubaugh, Springman, and Zapapas. 3,224,940.

Blucher, Joseph T.: *See*—
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Bluck, Raymond M., to TRW Inc. Method and apparatus for making a filament wound pressure vessel. 3,210,228, 10–5–65, Cl. 156—172.

Blue, David M.: *See*—
Andre, Noble, and Blue. 3,175,684.

Blue, Robert D., and R. J. Moolenaar, to The Dow Chemical Co. Cesium production. 3,201,229, 8–17–65, Cl. 75—66.

Blueberry Equipment, Inc.: *See*—
Jones Paul F., McKibben, Thompson, and Graham. 3,191,772.

Blue M Electric Co.: *See*—
Lawler, Joseph A. 3,171,018.
Lawler, Joseph A. 3,171,473.

Bluestein, Ben A., to General Electric Co. Process for making organopolysiloxanes. 3,177,178, 4–6–65, Cl. 260—46.5.

Bluestein, Ben A., to General Electric Co. Equilibration of organopolysiloxanes using phosphorus containing catalyst. 3,208,973, 9–28–65, Cl. 260—46.5.

Bluestein, Bernard R.: *See*—
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Slezak, Frank B., and Bluestone. 3,187,004.

Blue White Industries, Ltd.: *See*—
King, Oswald M. 3,185,347.

Bluhm, Arley C. and E. F. Dispensing reel. 3,201,060, 8–17-65, Cl. 242—110.3.

Bluhm, Elmo F.: *See*—
Bluhm, Arley C. and E. F. 3,201,060.

Bluhm, Harold F.: *See*—
Lawrence, Joseph W., and Bluhm. 3,179,644.

Blum, Anselm: *See*—
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Blum, Asher S., to Zenith Radio Corp. Electron gun structure for producing an electron beam free of radial velocity components wherein the length of the first non-magnetic cylinder is approximately equal to an integral number of wave lengths of the scallop frequency. 3,215,890, 11–2–65, Cl. 315—31.

Blum, Josef, and C. J. Filz, to Ivan Sorvall, Inc. Cell fractionator apparatus and method. 3,165,266, 1–12–65, Cl. 241—1.

Blum, Julius, & Co., Inc.: *See*—
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Blum, Louis, to Blumcraft of Pittsburgh. Illuminated wall bracket and handrail. 3,183,343, 5–11–65, Cl. 240—2.

Blum, Paul: *See*—
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Blum, Pierre, and C. Moreau, to Commissariat a L'Energie Atomique. Process for the preparation of uranium monocarbide powder. 3,223,475, 12–14–65, Cl. 23—14.5.

Blum, Robert D., to Borg-Warner Corp. Multi-room air conditioning systems. 3,171,471, 3–2–65, Cl. 165—2.

Blum, William A., to Pennsalt Chemicals Corp. Chlorate accelerated zinc phosphating baths with added arsenate. 3,203,835, 8–31–65, Cl. 148—6.15.

Blumberg, Arthur. Jewelry box. 3,206,014, 9–14–65, Cl. 206—45.19.

Blumberg, Ben, Jr., to United States of America, Atomic Energy Commission. Steam generator. 3,170,846, 2–23–65, Cl. 176—59.

Blumberg, Gladys. Mailing container. 3,194,477, 7–13–65, Cl. 229—40.

Blumberg, Marvin E., and G. J. Gould, to Pennsalt Chemicals Corp. Process for rendering animal fat. 3,222,384, 12–7–65, Cl. 260—412.6.

Blumbergs, John H., to Allied Chemical Corp. Dehydrochlorination of 1,2,3-trichlorobutane. 3,188,357, 6–8–65, Cl. 260—655.

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Blume, Alan E., to General Electric Co. Array pattern modification. 3,182,325, 5–4–65, Cl. 343—100.

Blume, Alan E., to General Electric Co. Variably spaced arrays of wave radiators and receivers. 3,182,330, 5–4–65, Cl. 343—844.

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Blume, Frank J. and A. F. 3,182,751.

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Blume, Frank J. and A. F. Vertical conveyor and guided carrier connected by a tension arm. 3,182,751, 5–11–65, Cl. 187—17.

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Blumenkopf, Norman, and O. F. Hecht, to General Aniline & Film Corp. Process of making N-vinyl morpholine. 3,179,661, 4–20–65, Cl. 260—247.

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Blumenstein, Walter K., and A. David, to Otto Konigslow Mfg. Ampoule applicator. 3,217,712, 11–16–65, Cl. 128—216.

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Blumenthal, Jack H., to International Flavors & Fragrances Inc. Myrcene sulfone hydrate and process for making same. 3,176,022, 3–30–65, Cl. 260—332.1.

Blumenthal, John: *See*—
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Blumenthal, John, to Clevite Corp. Magnetic transducer head. 3,178,519, 4–13–65, Cl. 179—100.2.

Blumer, Hans. Machine for cutting and/or creasing sheets of thin materials such as paper and cardboard and metal or plastic foils. 3,203,288, 8–31–65, Cl. 83—92.

Blumrich, Josef F., to United States of America, National Aeronautics and Space Administration. Landing pad assembly for aerospace vehicles. 3,175,789, 3–30–65, Cl. 244—100.

Blumrich, Josef F., to United States of America, National Aeronautics and Space Administration. Pivotal shock absorbing pad assembly. 3,208,707, 9–28–65, Cl. 248—188.9.

Blumstein, Abraham. Cuff links. 3,224,058, 12–21–65, Cl. 24—97.

Blunck, Otto, H. and H. Stüben, to H. Maihak Aktiengesellschaft. Control device and components thereof for electromotive drive for winding bobbins for yarn and the like. 3,180,584, 4–27–65, Cl. 242—45.

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Blunt, Roger N., to General Dynamics Corp. Transistor pulse generator with inductive means. 3,164,785, 1–5–65, Cl. 331—113.

Blyth, John W., C. A. Godcharles, J. H. Jacobson, and W. J. Rozmus, to Hamilton Research Associates, Inc. Mechanical teaching machine. 3,200,513, 8–17–65, Cl. 35—9.

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Boa, Walter, to National Research Development Corp. Apparatus for forming tubes from strip material. 3,217,501, 11–16–65, Cl. 61—72.6.

Boadle, Campbell D., and D. W. L. Clamp, to Girling Ltd. Batch weighing apparatus. 3,204,711, 9–7–65, Cl. 177—70.

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Boag, James C., and H. R. Dittmar, to Ethyl Corp. Organic material stabilized with substituted hydroxy benzyl amines. 3,224,974, 12–21–65, Cl. 252—51.5.

Boan, Byron H., and A. E. Popodi, to United States of America, Navy. Self-balancing high speed transistorized switch driver and inverter. 3,222,547, 12–7–65, Cl. 307—88.5.

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Boardman, Harold, and R. L. Wagner, to Hercules Powder Co. Graining process. 3,223,032, 12–14–65, Cl. 101—149.2.

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Boatwright, John T., to General Electronic Laboratories, Inc. Signal to noise ratio enhancing device. 3,217,257, 11–9–65, Cl. 325—349.

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Bobear, William J., to General Electric Co. Organopolysiloxane rubber stabilized with tungsten trioxide. 3,177,177, 4–6–65, Cl. 260—37.

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Bobeck, Andrew H., to Bell Telephone Laboratories, Inc. Magnetic memory circuits. 3,164,812, 1–5–65, Cl. 340—174.

Bobeck, Andrew H., to Bell Telephone Laboratories Inc. Magnetic memory circuits. 3,173,132, 3–9–65, Cl. 340—174.

Bobeck, Andrew H., to Bell Telephone Laboratories, Inc. Coincident induced current switching circuits. 3,175,062, 3–23–65, Cl. 200—87.

Bobeck, Andrew H., to Bell Telephone Laboratories, Inc. Magnetic inductive memory with electrodes on conductive sheets. 3,214,742, 10–26–65, Cl. 340—174.

Bobeck, Andrew H., to Bell Telephone Laboratories, Inc. Magnetic core switching circuits. 3,215,993, 11–2–65, Cl. 340—174.

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Bobis, Anthony A. Basic rhythm device. 3,193,608, 7–6–65, Cl. 84—1.03.

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Bobrowski, Rheinhard. Wheel mounting assembly for harrow draw bars. 3,184,250, 5–18–65, Cl. 280—81.

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Bochan, John, to General Electric Co. Means for reversing the direction of rotation of a pulley-type member. 3,211,015, 10–12–65, Cl. 74—220.

Bochan, John, to General Electric Co. Dry cleaning apparatus. 3,217,518, 11–16–65, Cl. 68—4.

Bochan, John, and J. W. Toma, to General Electric Co. Centrifugal type clutch with mass varying means. 3,199,649, 8–10–65, Cl. 192—105.

Bocher, Gustave M. J. Psycho-equilibrating pyrrolidone carboxylic acid. 3,178,347, 4–13–65, Cl. 167—65.

Bochory, Michael. Centrifugally operated clutch mechanism. 3,208,571, 9–28–65, Cl. 192—105.

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Blenkle, Erwin. 3,166,993.
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Bock, Marvin, J., and F. S. Howard, to Micro-Radionics, Inc. Variable directional coupler having a movable articulated conductor. 3,166,723, 1–19–65, Cl. 333—10.

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Bockly, Erich, K. Loffler (deceased, by B. Loffler, legal representative), and R. Muller, to Agfa Aktiengesellschaft. Filter and absorbing dyes for photographic emulsions. 3,177,078, 4–6–65, Cl. 96—74.

Bockmann, Arthur. Advertising device. 3,225,476, 12–28–65, Cl. 40—130.

Bockstahler, Earl R., to The Dow Chemical Co. N-aralkyl derivatives of 3,6-epoxyhexahydrophthalimide. 3,217,013, 11–9–65, Cl. 260—326.

Bockus, Charles R. Chairs for non-ambulatory persons. 3,216,738, 11–9–65, Cl. 280—30.
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Bodan, Howard. Stock feed attachment. 3,215,287, 11–2–65, Cl. 214—1.5.
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Bodanszky, Miklos, M. A. Ondetti, and J. T. Sheehan, to Olin Mathieson Chemical Corp. 7-glycine bradykinin and intermediates for the production thereof. 3,216,992, 11–9–65, Cl. 260—112.5.
Bodanszky, Miklos, and M. A. Ondetti, to Olin Mathieson Chemical Corp. 1,9-nitroarginine bradykinin and intermediates for the preparation thereof. 3,216,993, 11–9–65, Cl. 260—112.5.
Bodanszky, Miklos, M. A. Ondetti, and J. T. Sheehan, to Olin Mathieson Chemical Corp. 7-glycine kallidin and intermediates for the preparation thereof. 3,216,994, 11–9–65, Cl. 260—112.5.
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Bodge, Clifford A., to Texas Instruments Inc. Low capacity, low current thermal time delay relay. 3,202,786, 8–24–65, Cl. 200—113.
Bodge, Clifford A., to Texas Instruments Inc. Thermal time delay relay for switching and protecting start and phase windings of motors. 3,213,239, 10–19–65, Cl. 200—113.
Bodge, Philip K. Mechanical power amplifiers. 3,214,988, 11–2–65, Cl. 74—388.
Bodi, Louis M. Sanitary attachments for sewer drain traps. 3,196,894, 7–27–65, Cl. 137—247.27.
Bodin, Sven A. O. Loader equipped with shovel. 3,182,832, 5–11–65, Cl. 214—140.
Bodine, Albert G. Acoustic method for driving piles. 3,193,-027, 7–6–65, Cl. 175—19.
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Bodine, Albert G., Jr. Sonic applicator for surface cleaning. 3,166,772, 1–26–65, Cl. 15—22.
Bodine, Albert G., Jr. Electromagnetic rotary field apparatus for generating and applying gyratory sonic vibrations. 3,167,669, 1–26–65, Cl. 310—10.
Bodine, Albert G., Jr. Method and apparatus for sonic jarring with fluid drive. 3,168,140, 2–2–65, Cl. 166—46.
Bodine, Albert G., Jr. Vibration damping coating for vibratruding flowable materials. 3,169,589, 2-16-65, Cl. 175—58.
Bodine, Albert G., Jr. Vibration damping coating for vibratory structures. 3,169,881, 2–16–65, Cl. 117—45.
Bodine, Albert G., Jr. Alternating current magnetohydrodynamic generator. 3,185,871, 5–25–65, Cl. 310—11.
Bodine, Albert G. Petroleum well treatment by high power acoustic waves to fracture the producing formation. 3,189,092, 6–15–65, Cl. 166—42.
Bodine, Albert G., Jr. Sonic pile driver. 3,189,106, 6–15–65, Cl. 175—56.
Bodine, Albert G. Acoustic method for extracting hydrocarbon from oil-sands. 3,189,536, 6–15–65, Cl. 208—11.
Bodine, Albert G. Sonic pump impeller. 3,191,537, 6–29–65, Cl. 103—43.
Bodine, Albert G., Jr. Fluid driven mechanical oscillator. 3,191,911, 6–29–65, Cl. 259—1.
Bodine, Albert G., Jr. Sonic tool for ocean floor coring. 3,194,326, 7–13–65, Cl. 175—56.
Bodine, Albert G., Jr. Sonic wave system for planting utility poles in the ground. 3,199,614, 8–10–65, Cl. 175—19.
Bodine, Albert G., Jr. Electro-acoustic transducer. 3,210,-580, 10–5–65, Cl. 310—8.7.
Bodine, Albert G., Jr. Sonic drilling by rotating the tool. 3,211,243, 10–12–65, Cl. 175—57.
Bodine, Albert G., Jr. Vibration generator for resonant loads and sonic systems embodying same. 3,217,551, 11–16–65, Cl. 74—87.
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Bodley, Robert W., to Union Tank Car Co. Storage tank. 3,203,574, 8–31–65, Cl. 220—26.
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Morway, Arnold J., and Bodner. 3,207,693.
Bodoh, Albinus G., and E. J. Meixner, to The Seeburg Corp. Program timer for background music system. 3,177,298, 4–6–65, Cl. 179—100.1.
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Boiten, Egbert H., to Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek ten Behoeve van Nijverheid. Circuit for keeping the central frequency of a frequency modulated oscillator constant. 3,176,246, 3–30–65, Cl. 332—19.
Boivin, Rodrigue G.: *See*—
Brandts, Theodorus G., Helleur, and Hopkins. 3,224,-925.
Bojanowski, Richard F., to Petro-Tex Chemical Corp. Purification of unsaturated product. 3,200,166, 8–10–65, Cl. 260—681.5.
Bojko, George, to Pinkertons Inc. Moving object detection system. 3,210,752, 10–5–65, Cl. 340—258.
Bok, Roelof.: *See*—
Griffioen, Jan, and Bok. 3,181,174.
Boke, Klaus, to North American Philips Co., Inc. Peltier device employing semi-conductor bodies which are connected to one another by means of interposed members of satisfactory electrical and thermal conductivity. 3,181,304, 5–4–65, Cl. 62—3.
Bokmuller, Robert M.: *See*—
Wagner, Henry A., Merritt, and Bokmuller. 3,184,328.
Bokosky, Robert J.: *See*—
Bailey, James R., Hoehn, and Bokosky. 3,219,961.
Bokum Tool Co. Inc.: *See*—
Heuser, Helmut C. 3,208,312.
Boland, Joseph P.: *See*—
Parker, Kenneth O., and Boland. 3,173,480.
Parker, Kenneth O., and Boland. 3,203,474.
Bolcato, John B., to Continental Can Co., Inc. Method and apparatus for outside caulking of bottom of paper cup. 3,202,065, 8–24–65, Cl. 93—36.
Bolda, Frank J.: *See*—
Gulliksen, John T., and Bolda. 3,173,326.
Boldemann, Jane S. Protector for shoe counter area. 3,187,-446, 6–8–65, Cl. 36—70.
Boldingh, Jan: *See*—
Van Embden, J. C. M., and Boldingh. 3,167,513.
Boldingh, Willem H., to North American Philips Co., Inc. Voltage relating circuit for X-ray tubes. 3,164,723, 1–5–65, Cl. 250—103.
Boldrini, Elvio R., and J. J. Pruszkowski, to Interchemical Corp. Method of making a laminated material. 3,186,889, 6–1–65, Cl. 156—333.
Boldt, Gunther, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V. Spectroscopic light source. 3,218,514, 11–16–65, Cl. 315—236.
Boldt, Heinz: *See*—
Stürmer, Erich, Boidt, and Münch. 3,171,429.
Boldt, Heinz, to Borsig Aktiengesellschaft. Air-cushioned free piston type compressor. 3,214,085, 10–26–65, Cl. 230—56.
Boldt, Heinz, and E. Sturmer, to Borsig Aktiengesellschaft, and Werner Hartmann. Valve with spherical plug. 3,214,-131, 10–26–65, Cl. 251—170.
Bolek, Ted J., to Universal Oil Products Co. Converter-muffler. 3,186,807, 6–1–65, Cl. 23—288.
Boles, Sol, and G. Stavis, to General Precision, Inc. Radar leakage effect elimination circuit. 3,187,330, 6–1–65, Cl. 343—8.
Boley, Charles C., D. G. Burnell, and W. M. Kirby, to James Lees and Sons Co. Method and apparatus for lubricating the wires of a pile wire loom. 3,221,775, 12–7–65, Cl. 139—45.
Boley, Robert D.: *See*—
Nielsen, Erik J., and Boley. 3,194,930.
Boley, Robert D., to Square D Co. Manually and electromagnetically operable latching device. 3,209,109, 9–28–65, Cl. 200—106.
Bolger, Henry. Tissue holder. 3,220,660, 11–30–65, Cl. 242—55.53.
Bolger, James W., to Rexall Drug and Chemical Co. Carboxylic acid esters of N-(hydroxyalkyl)-endo perhydro-4,7-methanoisoindoles and intermediates. 3,174,979, 3–23–65, Cl. 260—319.
Bolger, James W., to Rexall Drug and Chemical Co. N-(aminoalkyl)-endo-perhydro-4,7-methanoisoindoles. 3,192,-228, 6–29–65, Cl. 260—319.
Bolger, James W., to Rexall Drug and Chemical Co. 1-(2-cycloalky-2-dilower alkylaminoethyl) guanidines. 3,202,710, 8–24–65, Cl. 260—564.
Bolger, James W., and B. M. Finger, to Rexall Drug and Chemical Co. Piperidyl norboranes. 3,174,973, 3–23–65, Cl. 260—293.
Bolger, John G., Jr., to The Bank of California NT & SA. Electrically operated printer. 3,211,371, 10–12–65, Cl. 235—58
Bolgiano, Nicholas C., to Armstrong Cork Co. Chain shortening of polycarbonate resins using monoethanolamine or morpholine as the shortening agent. 3,223,678, 12–14–65, Cl. 260—47.
Bolhofer, William A., to Merck & Co., Inc. Preparation of alkoxynaphthonitrile. 3,184,498, 5–18–65, Cl. 260—465.
Bolick, Ernest L.: *See*—
Loeffler, John E., Jr., Springer, and Bolick. 3,202,477.
Bolick, Fred C., Jr. Indicating device. 3,164,434, 1–5–65, Cl. 346—76.
Boliden Batteri Aktiebolag: *See*—
Sundman, Folke. 3,189,484.
Bolidens Gruvaktiebolag: *See*—
Noren, Anders B. 3,221,914.
Noren, Anders B., Fahlstrom, and Burstrom. 3,181,800.
Johansson, Fritz A., Helmerson, Mokvist, and Norro. 3,199,170.
Bolidens Gruvaktiebolag and Skelleftea Gummifabriks AB: *See*—
Fahlstrom, Per A. H., Wilhelmsson, and Svensson. 3,219,284.
Bolie, Victor W., to Iowa State University Research Foundation, Inc. Dual-chamber artificial heart. 3,182,335, 5–11–65, Cl. 3—1.
Boling, Cecil: *See*—
Decker, Alan S., and Boling. 3,195,321.
Boling, Cecil, to Dunham-Bush, Inc. Refrigeration system and heat exchangers. 3,197,975, 8–3–65, Cl. 62—498.
Bolinger, George N., to Sta-Rite Ginnie Lou, Inc. Hair ornament with a resilient attaching clip. 3,183,915, 5–18–65, Cl. 132—47.
Bolinger, George N., to Sta-Rite Ginnie Lou, Inc. Hair curler with detachable brush means. 3,190,296, 6–22–65, Cl. 132—41.
Bolinger, George N., to Sta-Rite Ginnie Lou, Inc. Brush roller having a pivoted and rotatable clamping bail. 3,223,-094, 12–14–65, Cl. 132—41.
Bolkow-Entwicklungen KG: *See*—
Boek, Helmut. 3,172,252.
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Muller, Martin, Derschmidt, and Schwarz. 3,204,701.
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Peters, Johannes. 3,198 953.
Pfleiderer, Kurt. 3,181,816.
Rambacher, Klaus, and Beier. 3,180,223.
Sohlemann, Just. 3,171,354.
Bolkow Gesellschaft mit beschrankter Haftung: *See*—
Derschmidt, Hans. 3,217,810.
Derschmidt, Hans, Jarosch, and Langer. 3,219,333.
Glockl, Hans. 3,225,458.
Stöcker, Horst. 3,219,123.
Boll, Richard H., and E. A. Pirsch, to The Babcock & Wilcox Co. Method of and apparatus for heating fluids. 3,185,-457, 5–25–65, Cl. 263—19.
Bollar, Leo C. Impact forming apparatus. 3,205,790, 9–14–65, Cl. 72—20.
Bollee, Boudewijn, and D. van As, to North American Philips Co., Inc. Tunnel diode crystal oscillator. 3,193,780, 7–6–65, Cl. 331—107.
Bollens, Walter F., and H. F. Kruse, to Swift & Co. Dehulling soybeans. 3,220,451, 11–30–65, Cl. 146—227.
Boller Development Corp., The: *See*—
Boller, Ernest R. 3,203,811.
Boller, Ernest R., to The Boller Development Corp. Molten transition metal plating baths containing zinc amine chlorides. 3,203,811, 8–31–65, Cl. 106—1.
Boller, Ernest R., to United States of America, Atomic Energy Commission. Canning machine. 3,211,884, 10–12–65, Cl. 219—85.
Boller, George E., and R. J. Renk, to G. D. Miller. Lubricator for traction motor suspension bearings. 3,210,138, 10–5–65, Cl. 308—132.
Boller, Robert A., to Archer-Daniel-Midland Co. Intermolecular alkyd-epoxy complexes. 3,196,117, 7–20–65, Cl. 260—22.
Boller, Robert A., and R. B. Graver, to Archer-Daniels-Midland Co. Modified alkyd resin compositions and process of preparing the same. 3,196,119, 7–20–65, Cl. 260—22.
Boller, Robert A., and R. B. Graver, to Archer-Daniels-Midland Co. Two-package coating system comprising a polyester having an acid number of at least 50 in one of the packages thereof. 3,218,274, 11–16–65, Cl. 260—22.
Bollert, Volker, G. T. Fritz, H. Schnell, and H. G. Lotter, to Farbenfabriken Bayer Aktiengesellschaft. Method of foaming organo-plastic synthetic resins and products produced therefrom. 3,222,302, 12–7–65, Cl. 260—2.5.
Bollibon, George E., and E. A. Macha, to Westinghouse Electric Corp. Dynamoelectric machine. 3,209,183, 9–28–65, Cl. 310—87.
Bolliger, Edwin, to J. Bobst and Son S.A. Presses comprising a movable platen driven by toggle levers. 3,182,588, 5–11–65, Cl. 100—286.
Bolliger, Frederic E.: *See*—
Grosselfinger, Robert A., Bolliger, and Nussbaumer. 3,174,529.
Bolling Stewart & Co., Inc.: *See*—
Matsuoka, James T. 3,196,941.
Bollinger, Albert E., J. M. Delaney, and J. F. McHugh, to Interchemical Corp. Heat-sensitive copying sheets. 3,180,752, 4–27–65. Cl. 117—36.7.
Bollinger, Stephen A.: *See*—
Von Brimer, Joe W. 3,194,032.
Bollmeier, Emil W., to Minnesota Mining and Mfg. Co. Cable connection. 3,187,081, 6–1–65, Cl. 174—21.

Bolmgren, Lester N., to Honeywell Inc. Automatic calibration device for photometer apparatus. 3,211,913, 10–12–65, Cl. 250—43.5.
Bolomey, Rene A., and C. E. Marks, to The Mearl Corp. Method of casting polymerizable resins containing lamellar particles. 3,222,439, 12–7–65, Cl. 264—108.
Bolsey Corp. of America: *See*—
Bolsey, Jacques. 3,193,839.
Bolsey, Jacques. 3,199,117.
Bolsey, Emil: *See*—
Bolsey, Jacques. 3,176,578.
Bolsey, Emil J.: *See*—
Bolsey, Jacques, and E. J. 3,211,071.
Bolsey, Emil J., and G. A. Buon, to J. A. Maurer, Inc. Photographic data recorder. 3,179,000, 4–20–65, Cl. 88—24.
Bolsey, Jacques, deceased; E. and M. Bolsey, and N. W. Schur, executors. Optical projection device. 3,176,578, 4–6–65, Cl. 88—26.
Bolsey, Jacques, to Bolsey Corp. of America. Motion picture camera. 3,193,839 7–6–65, Cl. 352—72.
Bolsey, Jacques, to Bolsey Corp. of America. Counter and control structures for motion picture cameras. 3,199,117, 8–3–65, Cl. 352—172.
Bolsey, Jacques, deceased (by N. W. Schur, executor), and E. J. Bolsey. Photoelectric devices. 3,211,071, 10–12–65, Cl. 95—64.
Bolsey, Maria: *See*—
Bolsey, Jacques. 3,176,578.
Bolster, Ronald H.: *See*—
Merritt, Howard V., and Bolster. 3,202,253.
Bolt, Artie F. Safety device for vehicles. 3,186,017, 6–1–65, Cl. 15—87.
Bolt Associates, Inc.: *See*—
Chelminski, Stephen V. 3,176,517.
Bolt, Richard R., to American Can Co. Method and apparatus for forming metal articles. 3,191,422, 6–29–65, Cl. 72—344.
Bolt, Richard R., and D. E. Wobbe, to American Can Co. Method and apparatus for forming metal containers. 3,203,-218, 8–31–65, Cl. 72—349.
Bolton, Benjamin A., to Standard Oil Co. Polyester using benzene tribasic acid. 3,223,666, 12–14–65, Cl. 260—29.2.
Bolton, Clay P., and M. E. Holy, said Bolton assor. to Carnation Co., and said Holy assor. to Rockford Paper Mills, Inc. Pour spout carton construction. 3,203,616, 8–31–65, Cl. 229—17.
Bolton, Douglas H. H.: *See*—
Potts, Michael C., and Bolton. 3,198,087.
Potts, Michael C., and Bolton. 3,217,603.
Bolton, Douglas H. H., and M. C. Potts, to Dowty Mining Equipment Ltd. Roof support assemblies. 3,196,756, 7–27–65, Cl. 92—5.
Bolton, Douglas H. H., and M. C. Potts, to Dowty Mining Equipment Ltd. Roof support assembly. 3,202,058, 8–24–65, Cl. 91—189.
Bolton, Douglas H. H., F. Pawling, and M. C. Potts, to Dowty Mining Equipment Ltd. Mining apparatus. 3,217,605, 11–16–65, Cl. 91—170.
Bolton, Douglas H. H., F. Pawling, M. C. Potts, D. H. Cannon, and R. H. B. Winder, to Dowty Mining Equipment Ltd. Advanceable roof support assemblies. 3,217,606, 11–16–65, Cl. 91—170.
Bolton, Douglas H. H., F. Pawling, and M. C. Potts, to Dowty Mining Equipment Ltd. Mining apparatus. 3,217,608, 11–16–65, Cl. 91—412.
Bolton, Edmund A.: *See*—
Weller, Barton L., and Bolton. 3,221,387.
Bolton, Eric, M. K. Ancilewski, and J. Hewitt, to The English Electric Co., Ltd. Resistors. 3,172,073, 3–2–65, Cl. 338—280.
Bolton, John W., & Sons, Inc.: *See*—
Danforth, Donald W. 3,186,215.
Danforth, Donald W. 3,201,066.
Bolton, Michael J., G. A. Joyner, Jr., and R. H. Lux, to General Electric Co. Methods of making insulation, and products formed thereby. 3,177,107, 4–6–65, Cl. 156—319.
Bolton, Norman A., to General Signal Corp. Vehicle registering system. 3,176,267, 3–30–65, Cl. 340—51.
Bolton, Norman A., to General Signal Corp. Liquid level indication system. 3,184,969, 5–25–65, Cl. 73—290.
Bolton, Theodore S.: *See*—
Cappotto, Samuel D., and Bolton. 3,181,680.
Bolton, Theodore S., to SCM Corp. Impression control mechanism. 3,179.226, 4–20–65, Cl. 197—17.
Bolton, Wilbur M.: *See*—
Breining, Elmer R., and Bolton. 3,175,259.
Boltze, Karl-Heinz, D. Lorenz, and M. Ruberg-Schweer, to Troponwerke Dinklage & Co. Novel pharmacologically active quinazolinone compound. 3,194,806, 7–13–65, Cl. 260—240.
Bolyard, Lewis C., to General Electric Co. Dynamoelectric machine braking and magnetic holding arrangement. 3,176,174, 3–30–65, Cl. 310—93.
Bolzan, James J., Jr., to Robbins & Myers, Inc. Cushioned commutator leads. 3,209,186, 9–28–65, Cl. 310—234.
Bomar, Weldon B., Jr. Spectacles display rack. 3,195,731, 7–20–65, Cl. 211—13.
Bomar, Weldon B., Jr. Rotary display racks. 3,195,736, 7–20–65, Cl. 211—163.
Bomba, James S.: *See*—
Bachelet, Albert E., and Bomba. 3,178,643.
Bomba, William S. Hydraulic cutting blades for stone sawing machines. 3,176,675, 4–6–65, Cl. 125—15.
Bombardieri, Caurino C., to Jersey Production Research Co. Method for testing multiple completion wells. 3,180,142, 4–27–65, Cl. 73—155.
Bomberger, Arthur L., to Teleflex Inc. Steering control. 3,184,991, 5–25–65, Cl. 74—507.
Bomberger, John C.: *See*—
Gulya, John A., Fogleman, and Bomberger. 3,216,823.
Bomhardt, Klaus: *See*—
Minner, Willy, and Bomhardt. 3,208,001.
Bommer, Heinrich, deceased (by H. Bommer, legal representative of minor heirs, widow and heir, and H. D. Bommer, heir), and H. Brunner, to Deutsche Gold-und Silber-Scheideanstalt vormals Roessler. Flame synthesis of finely divided aluminum borates and phosphates. 3,164,442, 1–5–65, Cl. 23—59.
Bommer, Heinz D.: *See*—
Bommer, Heinrich, and Brunner. 3,164,442.
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Bommer, Heinrich, and Brunner. 3,164,442.
Bonanno, Ernest J., to Automatic Electric Laboratories, Inc. Call forwarding arrangement. 3,178,516, 4–13–65, Cl. 179—18.
Bonanno, Joseph L., to De Luxe Reading Corp. Mount for toy machine gun or the like. 3,210,034, 10–5–65, Cl. 248—168.
Bond, David W., to Girling Ltd. Spreading type disc brakes. 3,203,507, 8–31–65, Cl. 188—72.
Bond, Donald C., to The Pure Oil Co. Secondary recovery of oil. 3,186,482, 6–1–65, Cl. 166—9.
Bond, Frank, W. S. Kegg, and R. F. Moranz, to Lakewood Mfg. Co. Automatic door operator. 3,195,879, 7–20–65, Cl. 268—33.
Bond, Frank D., Jr.: *See*—
Carney, Richard R., and Bond. 3,195,564.
Bond, Harry L. F., to Davy and United Engineering Co. Ltd. Coiler for coiling strip material. 3,198,455, 8–3–65, Cl. 242—72.1.
Bond, Herbert M., to Minnesota Mining and Mfg. Co. Ultraviolet light stable vinyl chloride resin. 3,223,661, 12–14–65, Cl. 260—23.
Bond, Herbert M., and J. Tomita, to Minnesota Mining and Mfg. Co. Stabilized polyethylene. 3,200,056, 8–10–65, Cl. 204—154.
Bond, Homer L.: *See*—
Bond, Robert M. 3,189,123.
Bond, James C., Jr., and W. D. Snelling, to E. I. du Pont de Nemours and Co. Screw construction for extrusion apparatus and the like. 3,197,814, 8–3–65, Cl. 18—12.
Bond, Joseph M.: *See*—
Hordis, Victor A., and Bond. 3,201,832.
Bond, Norman H.: *See*—
Burke, Earl J., Bond, and Mausert. 3,204,164.
Bond, Robert M., 40% to H. L. Bond. Folding ladder. 3,189,123, 6–15–65, Cl. 182—125.
Bond, Samuel J., to Sperry Rand Corp. Electronic plotter for multiple target tracking. 3,214,765, 10–26–65, Cl. 346—74.
Bond, Selah J., to Bausch & Lomb Inc. Liquid dispenser for microscope objective. 3,202,049, 8–24–65, Cl. 88—40.
Bond, Victor E. W.: *See*—
Toder Eric H., and Bond. 3,182,238.
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Hight, Hanford Z., Shannon, Gallant, Shaughnessy, Bogdanowski, and Hoehlein. 3,211,573.
Shannon, George W. 3,211,574.
Bondhus, Tom M. Automatic film mounting apparatus. 3,194,709, 7–13–65, Cl. 156—355.
Bondi, Enrico, to Montecatini Societa Generale per l'Industria Mineraria e Chimica. Purification of melamine. 3,172,887, 3–9–65, Cl. 260—249.7.
Bondi, Henry S., to FMC Corp. Glazed ceramic articles. 3,211,575, 10–12–65, Cl. 117—125.
Bondi, Justine R. Fishing device. 3,190,029, 6–22–65, Cl. 43—42.74.
Bondley, Ralph J., to General Electric Co. Metal to ceramic sealing structure. 3,213,184, 10–19–65, Cl. 174—50.58.
Bondurant, James A.: *See*—
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Bondy, Wilhelm. Method and apparatus for controlling the movement of a tool member of a tool machine. 3,186,270, 6–1–65, Cl. 82—14.
Bone, Arnold R., to Dennison Mfg. Co. Key interposer means in printing and punching machine. 3,175,484, 3–30–65, Cl. 101—19.
Bone, Herbert L., and D. P. Fitzsimmons, to Westinghouse Air Brake Co. Car retarder speed control apparatus. 3,172,628, 3–9–65, Cl. 246—182.
Bone, Kendall F., to The Cincinnati Milling Machine Co. Bearing preload mechanism for machine tool. 3,222,991, 12–14–65, Cl. 90—11.
Bonecutter, Charles A.: *See*—
Murib, Jawad H., and Bonecutter. 3,216,797.
Bonem, Joseph M., to Esso Research and Engineering Co. Recovery of methyl chloride. 3,217,049, 11–9–65, Cl. 260—652.
Bones, Glenn W., and W. R. Raisanen, to United States of America, Air Force. Variable frequency multi-phase signal generator with phase difference constant over frequency band. 3,202,932, 8–24–65, Cl. 331—45.

Bonetti, Giovanni A., C. B. De Savigny, C. Michalski, and R. Rosenthal, to The Atlantic Refining Co. Method for preparing nitronitrites and dinitroparaffins from alpha-olefins. 3,192,248, 6–29–65, Cl. 260—467.
Bonetti, Giovanni A., and R. Rosenthal, to Atlantic Refining Co. Method for conversion of 1,2-dinitroparaffins to 1-nitroolefins. 3,192,271, 6–29–65, Cl. 260—644.
Bonetti, Giovanni A., C. B. De Savigny, and C. Michalski, to The Atlantic Refining Co. Preparation of primary amines from 1-nitro-olefins. 3,226,442, 12–28–65, Cl. 260—583.
Bonetti, Giulio, to Istag A.G. Liquid level indicator. 3,221,-552, 12–7–65, Cl. 73—330.
Bonewits, Robert P. Screw retaining device for screwdriver. 3,182,697, 5–11–65, Cl. 145—50.
Bonewitz Chemicals, Inc.: *See*—
Lewandowski, Thaddeus. 3,218,260.
Bonfield, John H., R. C. Hecker, O. E. Snider, and B. G. Apostle, to Allied Chemical Corp. Regeneration of e-caprolactam from polyamides. 3,182,055, 5–4–65, Cl. 260—239.3.
Bonfiglioli, Giampaolo: *See*—
Evangelisti, Giuseppe, Marro, Belardinelli, Sarti, Grandi, Bonfiglioli, and Righetti. 3,207,889.
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Biekart, Hendrik J. B., Bongard, and Kaasenbrood. 3,171,770.
Bongenaar, Willem, A. J. W. M. van Oberbeek, and T. J. Tulp, to North American Philips Co., Inc. Circuit for linearly changing the magnetization of a core. 3,201,594, 8–17–65, Cl. 307—88.
Bongiovanni, John C. Continuous casting and rolling of metals. 3,196,516, 7–27–65, Cl. 29—33.
Bonhomme, Francois R., to Curtiss-Wright Corp. Miniature contact elements of tubular profile for electric couplings of the plug and socket type. 3,181,112, 4–27–65, Cl. 339—252.
Bonic, Isaac. Device for clearing snow from the path of an automobile. 3,203,118, 8–31–65, Cl. 37—53.
Boniecki, Krystyna W. and M. A. Building structure. 3,212,-220, 10–19–65, Cl. 52—80.
Boniecki, Maria A.: *See*—
Boniecki, Krystyna W. and M. A. 3,212,220.
Boniface, George B.: *See*—
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Bonin, George E., to Corning Glass Works. Edge grinding. 3,186,134, 6–1–65, Cl. 51—283.
Bonin, Lawrence G., and W. G. Smith, to Symons Mfg. Co. Concrete wall form panel units with attached connecting means therefor. 3,169,294, 2–16–65, Cl. 25—131.
Bonin, Lawrence G., and W. G. Smith, to Symons Mfg. Co. Concrete wall form panel units and connecting means therefor. 3,204,918, 9–7–65, Cl. 249—191.
Bonini, John H., to Union Bag-Camp Paper Corp. Display food package. 3,183,100, 5–11–65, Cl. 99—171.
Bonis, Laszlo J.: *See*—
Rogen, Neil E., and Bonis. 3,216,870.
Bönisch, Siegfried: *See*—
Karker, Herbert, and Bönisch. 3,178,335.
Bonitt, Edward J. Car trunk lid carrier. 3,215,323, 11–2–65, Cl. 224—29.
Bonk, Chaim: *See*—
Rafowitz, Samuel, and Bonk. 3,188,654.
Bonkowski, Teofil L.: *See*—
Curry, Byron V., Jr., and Bonkowski. 3,206,019.
Bonn, Theodore H.: *See*—
Fraunfelder, James A., Cubert, and Bonn. 3 209,268.
Bonn, Theodore H., and J. P. Eckert, Jr., to Sperry Rand Corp. Signal translating device. 3,188,481, 6–8–65, Cl. 307—88.
Bonnar, Henry O. Tabulating form and method. 3,193,665, 7–6–65, Cl. 235—61.12.
Bonnar-Vawter Inc.: *See*—
Hunt, Guilbert M. 3,196,448.
Bonnard, Armand A. Cylindrical squeeze-type directional valve. 3,185,178, 5–25–65, Cl. 137—625.29.
Bonnard, Lucien, to Rhodeaceta, Societe. Process for the treatment of articles consisting of synthetic polymers and products obtained thereby. 3,211,515, 10–12–65, Cl. 8—115.5.
Bonnard, Roger, and G. Orion, to Etablissements Merlin & Gerin. Circuit breaker with slidably removable arc extinction chamber. 3,189,714, 6–15–65, Cl. 200—144.
Bonnaure, Pierre: *See*—
Aranovitch, Eric, Bonnaure, and Mollica. 3,188,276.
Bonnefois, Jean, and J. Caillard, to Generale D'Electricite, Compagnie. Circuit-breaking device for alternating current arranged for the compensation of electro-dynamic forces. 3,205,333, 9–7–65, Cl. 200—170.
Bonnell, Alfred, Jr.: *See*—
Nichols, John B., and Bonnell. 3,195,649.
Bonnell, William L., Co., Inc., The: *See*—
Collins, Vardie W., and Brunn. 3,218,658.
Bonnema, Robert W.: *See*—
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Bonner, Eugene V., Jr., to Sole Mfg. Co., Inc. Ski and pole carrier. 5,225,987, 12–28–65, Cl. 224—45.
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Bonner, Raymond E., to International Business Machines Corp. Adaptive recognition system for recognizing similar patterns. 3,209,328, 9–28–65, Cl. 340—146.3.
Bonner, Raymond E., W. G. Spruth, and W. P. Margopoulos, to International Business Machines Corp. Passive analog holding circuit. 3,171,986, 3–2–65, Cl. 307—109.
Bonnet, Georges, and A. Salvi, to Commissariat a l'Energie Atomique. Magnetic resonance device for measuring magnetic field intensity. 3,166,706, 1–19–65, Cl. 324—.5.
Bonnet, Georges and A. Salvi, to Commissariat a l'Energie Atomique. Nuclear magnetometers of the type making use of a high frequency pumping on an electronic transition. 3,166,707, 1–19–65, Cl. 324—.5.
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Bonnett, Daniel W., to Koppers Co., Inc. Double divided gun flue horizontal coking retort oven. 3,170,850, 2–23–65, Cl. 202—141.
Bonnett, Daniel W., to Koppers Co., Inc. High and low burner gun flue coke oven with waste gas recirculation and decarbonizing air. 3,192,134, 6–29–65, Cl. 202—241.
Bonnette, Roland E., to United Shoe Machinery Corp. Conveyor systems. 3,176,627, 4–6–65, Cl. 104—172.
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Bonniksen, Cyril W., to Grebon Holding Ltd. Processes for making powdered or granular substances from seaweed by alkaline digestion. 3,197,459, 7–27–65, Cl. 260—209.6.
Bono, Luigi, to Necchi Societa per Azioni. Apparatus comprising a magnetic pattern and follower for shaped sewing. 3,164,112, 1–5–65, Cl. 112—2.
Bono, Luigi, to Necchi Societa per Azioni. Device for actuating the knife of a sewing machine. 3,167,042, 1–26–65, Cl. 112—123.
Bono, Luigi, to Necchi Societa per Azioni. Fabric holding device for automatic contoured sewing. 3,174,447, 3–23–65, Cl. 112—2.
Bono, Luigi, to Necchi Societa per Azioni. Differential feed device for a sewing machine. 3,174,449, 3–23–65, Cl. 112—209.
Bono, Luigi, to Necchi Societa per Azioni. Device for stretching a plurality of fabric pieces on a fabric holding frame. 3,182,412, 5–11–65, Cl. 38—102.1.
Bono, Luigi, to Necchi Societa per Azioni. Cam assembly. 3,214,996, 11–2–65, Cl. 74—568.
Bono, Luigi, to Necchi Societa per Azioni. Zigzag sewing machine with a manually operable device for the making of buttonholes. 3,215,104, 11–2–65, Cl. 112—158.
Bono, Luigi, to Necchi Societa per Azioni. Device for cutting and holding the threads of a sewing machine. 3,215,106, 11–2–65, Cl. 112—252.
Bono, Luigi, to Necchi Societa per Azioni. Automatic sewing machine. 3,216,380, 11–9–65, Cl. 112—2.
Bono, Luigi, to Necchi Societa per Azioni. Buttonhole sewing machine. 3,216,381, 11–9–65, Cl. 112—67.
Bono, Luigi, to Necchi Societa per Azioni. Device for sewing trimmings. 3,216,383, 11–9–65, Cl. 112—114.
Bono, Luigi, to Necchi Societa per Azioni. Sewing machine with upper needle point and lower wheel feed. 3,216,386, 11–9–65, Cl. 112—206.
Bono, Luigi, to Necchi Societa per Azioni. Device comprising a dynamo and an electromagnetic clutch for regulating the speed of a driven shaft. 3,218,493, 11–16–65, Cl. 310—95.
Bono, Luigi, to Necchi Societe per Azioni. Adjusting device for regulating a sewing machine mechanism. 3,221,573, 12–7–65, Cl. 74—522.
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Bonomo, Steven A., to International Business Machines Corp. Data processing apparatus including an alpha-numeric shift register. 3,209,330, 9–28–65, Cl. 340—172.5.
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Bonta, Ivan L., to Organon Inc. Preparations acting on the central nervous system and the manufacture thereof. 3,167,476, 1–26–65, Cl. 167—65.
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Bonvicino, Guido E., R. A. Hardy, Jr., and L. H. Yogodzinski, to American Cyanamid Co. N-(aminoalkyl)-2-alkoxy-phenoxazines and a method of making N-(aminoalkyl)-phenoxazine derivatives. 3,215,692, 11–2–65, Cl. 260—244.
Bonwit, Willard R., and J. J. Hartlove, to The Lord Baltimore Press Inc. Carton blanking die and method of making. 3,196,716, 7–27–65, Cl. 76—107.
Bonzagni, Francis A., and O. P. Cohen, to Monsanto Co. Laminated milk carton. 3,181,765, 5–4–65, Cl. 229—3.5.
Bood, Louris, to Mowid Anstalt. Submersible pump. 3,195,-468, 7–20–65, Cl. 103—87.
Booe, James M.: *See*—
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Booher, Jack C., and W. J. Larson, to American Machine & Foundry Co. Grass catcher. 3,176,453, 4–6–65, Cl. 56—202.
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Book, Herbert W., to Westinghouse Electric Corp. Regulating transformer system. 3,209,240, 9–28–65, Cl. 323—60.
Book, Herbert W., to Westinghouse Electric Corp. Electrical inductive apparatus having interleaved windings. 3,210,704, 10–5–65, Cl. 336—183.
Book, Herbert W., to Westinghouse Electric Corp. Electrical inductive apparatus having interleaved windings for providing a predetermined capacitive effect. 3,210,706, 10–5–65, Cl. 336—183.
Book, Herbert W., and A. M. Lockie, to Westinghouse Electric Corp. Regulating and current limiting transformer system. 3,209,241, 9–28–65, Cl. 323—60.
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Bookman, Abe C. Amusement device. 3,168,315, 2–2–65, Cl. 273—145.
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Boomgaard, C. J. Closure and valve construction. 3,164,288, 1–5–65, Cl. 220—44.
Boon, William. Pneumatic conveying system for bulky materials. 3,208,800, 9–28–65, Cl. 302—17.
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Boone, Arthur M., to Pullman Inc. Bridge plate counterbalance device. 3,216,373, 11–9–65, Cl. 105—458.
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Boone, James L., and R. J. Brotherton, to United States Borax & Chemical Corp. Polymeric organoboron compounds and method of preparing same. 3,197,421, 7–27–65, Cl. 260—2.
Boone, Jay D., to United States of America, Navy. Variable porosity fabric for aeronautical decelerator. 3,222,016, 12–7–65, Cl. 244—145.
Boone, Joseph, to Marius Berghgracht. Combined coating machine, especially for the application of various layers of plastic substance on a paper support or the like. 3,174,456, 3–23–65, Cl. 118—63.
Boone, Joseph, to M. Berghgracht. Semi-automatic apparatus for the opening, filling and sealing of bags. 3,183,641, 5–18–65, Cl. 53—190.
Boone, Joseph, to M. Berghgracht. Process and device for the production of a multiply tube and bag manufactured from such tube. 3,183,797, 5–18–65, Cl. 93—8.
Boone, Lewis G. Switching device. 3,182,230, 5–4–65, Cl. 317—157.
Boone, Philip, to Polaroid Corp. Method of forming light modifying display representations having differently oriented polarizing areas. 3,218,926, 11–23–65, Cl. 88—65.
Boone, Wallace D., and A. F. Briede, to Dover Corp. Automatic dispensing nozzle. 3,216,465, 11–9–65, Cl. 141—209.
Boonshaft, Julius C., to Robertshaw Controls Co. Strain gage differential pressure transmitter. 3,167,963, 2–2–65, Cl. 73—398.
Boop, Gene T., to Technical Drilling Service, Inc. Resilient high temperature resistant multiple conductor seal for conical ports. 3,173,992, 3–16–65, Cl. 174—151.
Boop, Gene T., to Technical Drilling Service, Inc. Electric firing. 3,208,378, 9–28–65, Cl. 102—20.
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Booth, Arthur C., to Bay State Abrasive Products Co. Mounting insert for resinoid cup grinding wheels. 3,204,371, 9–7–65, Cl. 51—168.
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Booth, Douglas G., and F. D. Taylor, to The Plessey Co. Ltd. Relief valve devices for hydraulic power systems. 3,174,410, 3–23–65, Cl. 91—419.
Booth, Edmond P. O., and E. W. Innes, to Edward L. Bateman, Ltd. Conveyor belt feeding mechanisms. 3,206,045, 9–14–65, Cl. 214—17.
Booth, Eugene T., to United States of America, Atomic Energy Commission. Method and apparatus for radioactive gas analysis using neutrons of two energy levels. 3,201,586, 8–17–65, Cl. 250—43.5.
Booth, Francis M., and W. M. Kane, to Frank M. Booth, Inc. Damper blade and assembly. 3,168,028, 2–2–65, Cl. 98—110.
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Booth, Frederick E., Jr., to Control Data Corp. Hammer control circuit in high speed printers. 3,185,076, 5–25–65, Cl. 101—93.
Booth, George H., to Lionel-Pacific, Inc. Landing gear steering apparatus. 3,211,400, 10–12–65, Cl. 244—50.
Booth, Grant W., to Rese Engineering, Inc. Memory device and method of making same. 3,214,740, 10–26–65, Cl. 340—174.
Booth, Henry F. Dyeing apparatus. 3,218,833, 11–23–65, Cl. 68—177.
Booth, Jack J., and W. C. Branch. Dispensing valve unit. 3,167,090, 1–26–65, Cl. 137—604.
Booth, Morris F. Skewer cooking. 3,205,812, 9–14–65, Cl. 99—421.
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Booth, William M. Steering for marine craft. 3,203,270, 8–31–65, Cl. 74—517.
Booth, William M., and B. G. Witte, to Newaygo Engineering Co. Conveying system for particulate materials. 3,210,131, 10–5–65, Cl. 302—53.
Boothby, Geoffrey F., K. Fearnside, and H. Pollak, to S. Smith & Sons (England) Ltd. Aircraft flight systems. 3,223,363, 12–14–65, Cl. 244—77.
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Boothe, Willis A., to General Electric Co. Fluid amplifier. 3,186,422, 6–1–65, Cl. 137—81.5.
Boothe, Willis A., to United States of America, Navy. Pneumatic system for machinery support. 3,189,303, 6–15–65, Cl. 248—22.
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Bopp, Cecil W., to The Greater Iowa Corp. Automatic releasable grapple tongs for barrels and the like. 3,190,685, 6–22–65, Cl. 294—90.
Bopp, Cecil W., to The Greater Iowa Corp. Overload safety device for material handling mechanism. 3,199,685, 8–10–65, Cl. 212—39.
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Borah, John E. Ball striking head. 3,226,120, 12–28–65, Cl. 273—83.
Borak, Martin D. Projectile projecting and retrieving toy boat. 3,224,141, 12–21–65, Cl. 46—242.
Borax, Benjamin. Rack for holding paint tubes. 3,167,184, 1–26–65, Cl. 211—84.
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Borchardt, Hans J., to E. I. du Pont de Nemours and Co. Rare earth tungstate and molybdate luminophors. 3,186,-950, 6–1–65, Cl. 252—301.5.
Borchardt, Hans J., to E. I. du Pont de Nemours and Co. Luminescent materials. 3,207,573, 9–21–65, Cl. 23—51.
Borchardt, Lester F., and P. R. Crowley, to General Mills, Inc. Pneumatic bleaching of flour with gaseous chlorine. 3,215,-541, 11–2–65, Cl. 99—232.
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Borchert, Peter J., to Miles Laboratories, Inc. Method of sizing paper with dialdehyde polysaccharide-urea resin and the product thereof. 3,169,076, 2–9–65, Cl. 117—62.2.
Borchert, Peter J., to Miles Laboratories, Inc. Dialdehyde polysaccharide-urea derivatives. 3,177,250, 4–6–65, Cl. 260—553.
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Borell, Louis E. Fishing tackle keeper. 3,213,564, 10–26–65, Cl. 43—57.5.
Boren, Adam. Refrigeration system for display cabinets, food storage cabinets, and the like. 3,224,219, 12–21–65, Cl. 62—278.
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Latshaw, Donald W., Jr., and Bostwick. 3,168,282.
Boswell, George A., Jr., to E. I. du Pont de Nemours and Co. 6,6-difluoro-3-keto-Δ^4 steroids and their preparation. 3,219,-673, 11–23–65, Cl. 260—397.3.
Boswell, George A., Jr., and R. C. Morris, to Shell Oil Co. Production of polyols from substituted aldehydes. 3,168,-579, 2–2–65, Cl. 260—635.
Boswell, George A., Jr., and R. M. Scribner, to E. I. du Pont de Nemours, and Co. 3-keto-Δ^4-6-cyanoamino steroids. 3.201.426, 8–17–65, Cl. 260—397.2.
Boswell, George T. Toy projectile which converts to space platform during flight. 3,188,768, 6–15–65, Cl. 46—75.
Boswell, Ian I., to Newport Instruments (Scientific and Mobile) Ltd. Pole tips for magnets. 3,188,531, 6–8–65, Cl. 317—158.
Boswinkle, George: *See*—
Lannert, James W., and Boswinkle. 3,171,346.
Bosworth, Harry J., Co.: *See*—
Goldstein, Sol. 3,207,153.
Bosworth, Peter, to The Borden Co. Method of making plied fiber laminates utilizing coacting resins. 3,224,920, 12–21–65, Cl. 156—315.
Bosworth, Robert H.: *See*—
Jeye, Edward J., Bosworth, Nichols, and Kaczynski. 3,180 592.
Bosworth, Robert H., to The Bendix Corp. Hot gas proportional control valve. 3,223,364, 12–14–65, Cl. 244—78.
Bosworth, Seymour, and J. Zauderer, to Abbey Electronics Corp. Electrical connector. 3,202,953, 8–24–65, Cl. 339—42.
Bot Brossert Oxygen Technik AG.: *See*—
Eibl, Josef, Trefil, Jilek, and Achatz. 3,216,714.
Botar, Bela. Seat belt reel mechanism. 3,182,923, 5–11–65, Cl. 242—55.
Botden, Theodoor P. J., to North American Philips Co., Inc. Digit indicator glow-discharge lamp. 3,188,510, 6–8–65, Cl. 313—109.5.
Boteler, Henry W., to Grinnell Corp. Diaphragm valve. 3,198,205, 8–3–65, Cl. 137—270.
Boteler, Henry W., to Ginnell Corp. Method of forming a lined conduit. 3,206,530, 9–14–65, Cl. 264—269.
Boteler, Henry W., and W. L. Linker, to Grinnell Corp. Spring and fluid pressure actuator. 3,175,473, 3–30–65, Cl. 92—128.
Boteler, William C., to Puritan Compressed Gas Corp. Humidifier. 3,206,175, 9–14–65, Cl. 261—16.
Bothmer, Charlotte: *See*—
Bothmer, Erich, and Zimmer. 3,220,567.
Bothmer, Erich, deceased (C. Bothmer, born Hempe, sole heiress), and M. Zimmer, to Lonza-Werke Elektrochemische Fabriken G.m.b.H. Apparatus for charging shaft furnaces. 3,220,567, 11–30–65, Cl. 214—2.
Bothwell, Marvin R., to The Dow Chemical Co. Composite body of magnesium and aluminum and method of making same. 3,179,504, 4–20–65, Cl. 29—197.5.
Bothwell, Theodore P.: *See*—
Baron, Robert C., and Bothwell. 3,172,051.
Botjer, John L.: *See*—
Griffith, John E., Botjer, Jung, and Manning. 3,219,980.
Botkin, Albert L. Closure liners. 3,202,308, 8–24–65, Cl. 215—40.
Botnick, Irlin. Push button activated mixing faucet. 3,192,-952, 7–6–65, Cl. 137—607.
Botstiber, Dietrich W. Liquid filtering device with indicating means. 3,186,549, 6–1–65, Cl. 210—86.
Bott, George S.: *See*—
Hansen, Lloyd F., and Bott. 3,203,347.
Böttcher, Paul. Thickness grinding machine. 3,166,874, 1–26–65, Cl. 51—87.
Botten, John P., to The Owen Bucket Co. Assembly, such as a crane hook. 3,179,376, 4–20–65, Cl. 254—192.
Bottenberg, Warren E., to B-M-B Co., Inc. Rotary mower. 3,208,207, 9–28–65, Cl. 56—25.4.
Bottenhorn, Hermann A., to Blaw-Knox Co. Annealing and/or cooling of elongated material. 3,215,420, 11–2–65, Cl. 266—5.
Botterill, John R.: *See*—
Press, Carl, and Botterill. 3,169,608.
Botterud, Harry J., Jr., F. I. Crittenden, and R. A. Fulton, to The Bendix Corp. Aircraft fuel injection system. 3,166,-059, 1–19–65, Cl. 123—119.
Botti, Richard J.: *See*—
Gelberg, William P., and Botti. 3,174,629.
Bottner, Ernest: *See*—
Ugi, Ivar, Beck, and Bottner. 3,223,709.
Bottomley, Anthony, to Phillips Petroleum Co. Oriented foamed polyolefin extrudates and the production and dyeing of the same. 3,214,234, 10–26–65, Cl. 8—55.
Bottomley, Roy, R. Greenwood, J. A. Wild, and R. Kelly. Travelling apparatus for cleaning machine and floor surfaces in manufacturing plants. 3,225,378, 12–28–65, Cl. 15—312.
Bottoms, Harry S., and T. Campbell, to Joseph Lucas (Industries) Ltd. Filters. 3,193,102, 7–6–65, Cl. 210—137.
Botton, Roger, J. P. Delgrange, and A. Steinmetz, to Compagnie de Saint-Gobain. Method of recovering lithium from lepidolite. 3,189,407, 6–15–65, Cl. 23—32.
Bottonari, Samuel A., and R. E. Wobrak, to Westinghouse Electric Corp. Circuit breaker utilizing kinetic energy of trip member to initiate opening of intermediate latch. 3,174,010, 3–16–65, Cl. 200—106.
Bottone, Arthur A., to Westinghouse Electric Corp. Rectangular beam electric incandescent lamp. 3,165,659, 1–12–65, Cl. 313—115.
Botts-Line, Inc.: *See*—
Wiswell, Grant A. 3,217,617.
Bottum, Edward W. Adjustable muffler. 3,181,648, 5–4–65, Cl. 181—63.
Bottum, Edward W., to Refrigeration Research Inc. Combination accumulator and receiver. 3,212,289, 10–19–65, Cl. 62—468.
Botwin, Leo, to United Aircraft Corp. Sonar transducer. 3,208,037, 9–21–65, Cl. 340—8.
Bouchard, Gaston R. Universal joints, especially for automobile vehicles. 3,166,918, 1–26–65, Cl. 64—17.
Bouchard, Robert J., and E. E. Gitlin. High pressure plug valve having particular sealing arrangement. 3,216,698, 11–9–65, Cl. 251—317.
Boucher, Cormack E., to Ind-X Corp. Cooling system for X-ray apparatus. 3,171,029, 2–23–65, Cl. 250—89.
Boucher, Gilbert, and M. Soulet, to Compagnie Generale de Telegraphie Sans Fil. Cold cathode gaseous rectifier tube. 3,215,893, 11–2–65, Cl. 315—267.
Boucher, Gilbert J., to CSF-Compagnie Generale de Telegraphie Sans Fil. Electronic switching system. 3,215,939, 11–2–65, Cl. 328—253.
Boucher, Raymond M. G., to Macrosonics Corp. Method of producing aerosols, sprays and dispersions and device therefor. 3,173,612, 3–16–65, Cl. 239—4.
Boucher, Raymond M. G., to American Sugar Co. Method of drying sugar crystals with acoustic energy and a gas. 3,175,299, 3–30–65, Cl. 34—4.
Boucher, Richard C. Apparatus for filling containers. 3,172,-434, 3–9–65, Cl. 141—59.
Bouchet, Georges, to Compagnie de Saint-Gobain. Optical pyrometer having a cyclically moving detector. 3,207,027, 9–21–65, Cl. 88—22.5.
Bouchev, William F.: *See*—
Schreiber, Frederick W., and Boucher. 3,180,553.
Boucouvalas, Dimitri A. Safety mechanism for hydraulic brakes. 3,194.018, 7–13–65, Cl. 60—54.5.
Boucraut, Michel, to Institut de Recherches de la Siderurgie Francaise. Process for roasting by fluidization, more particularly for magnetizing roasting. 3,189,437, 6–15–65, Cl. 75—9.
Boudart, Michel, and P. I. Pollak, to Merck & Co., Inc. Process for the preparation of silicon films. 3,170,859, 2–23–65, Cl. 204—157.
Boudewijn, Jan G. C., to Van Doorne's Automobielfabriek N.V. Automatic transmission. 3,195,368, 7–20–65, Cl. 74—472.

Boudier, Yves, to Institut de Rerherches de la Siderurgie Francaise. Sampling tube control structure for shaft furnaces. 3,211,005, 10–12–65, Cl. 73—421.
Boudot, William D., to Richards Industries, Inc. Convertible gate valve with removable housing section. 3,183,926, 5–18–65, Cl. 137—270.
Boudot, William D., and D. E. Coyle, to Dover Corp. Metering and cutoff devices. 3,206,071, 9–14–65, Cl. 222—20.
Boudreau, Alban M., to Hedstrom-Union Co. Foldable baby vehicle. 3,173,704, 3–16–65, Cl. 280—36.
Boudreau, Howard E.: *See*—
Smith, Harold J., and Boudreau. 3,224,217.
Boudrie, Warren E., to United States of America, Atomic Energy Commission. Insulated tube coupling. 3,208,773, 9–28–65, Cl. 285—18.
Boue, Pierre G. R., A. O. G. Ernst, and J. P. J. Jardinier, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Aircraft having multiple lift engines. 3,175,787, 3–30–65, Cl. 244—76.
Bouet, Bernard. Cooking utensils. 3,194,429, 7–13–65, Cl. 220—85.
Bouet, Bernard. Dispensing devices. 3,223,289, 12–14–65, Cl. 222—209.
Boughton, Roger C., to Pittsburgh Pipe and Coupling Co. Coupling nut assembly. 3,194,592, 7–13–65, Cl. 285—342.
Bouillenne-Walrand, Marie A. J., G. Wetroff, and J. E. Khaladji, to Pechiney, Compagnie de Produits Chimiques et Electrometallurgiques. Fungicide and bactericide comprising the reaction product of 2,4,5-trichlorophenol and butyl phosphate. 3,203,854, 8–31–65, Cl. 167—31.
Bouladon, Gabriel, and P. Zuppiger, to Automobiles M. Berliet. Electric driving wheel for a pneumatic tired vehicle. 3,179,195, 4–20–65, Cl. 180—10.
Boulanger, Eugene P. Means for adjusting standard window shade to window opening. 3,202,206, 8–24–65, Cl. 160—263.
Boulet, Auguste E. Radiant gas burner. 3,199,572, 8–10–65, Cl. 158—116.
Boulet, Georges, to Societe a Responsabilite Limitee Recherches Etudes Production R.E.P. Multi-cylinder hydraulic pumps especially of piston-chamber type. 3,171,361, 3–2–65, Cl. 103—162.
Boulet, Georges, to Societe a Responsabilite Ltd.: Recherches Etudes Production R.E.P. Barrel pump. 3,180,275, 4–27–65, Cl. 103—162.
Boullet, Alvin E. Shingle cutting apparatus. 3,171,450, 3–2–65, Cl. 143—5.
Boulter, Philip H.: *See*—
Steinhardt, Gary H., and Boulter. 3,219,011.
Boulton Paul Aircraft Ltd.: *See*—
Millard, Dennis J. 3,182,565.
Bounds, William E., E. S. Morris, and C. A. Sundstrom, to William E. Bounds Associates. Pepper mill. 3,168,256, 2–2–65, Cl. 241—168.
Bounds, William E., Associates: *See*—
Bounds, William E., Morris, and Sundstrom. 3,168,256.
Boundy, John H., to North American Aviation, Inc. Center of gravity apparatus. 3,174,330, 3–23–65, Cl. 73—65.
Bounous, Edwin P., to Drexel Enterprises, Inc. Church pew having cushioned seat. 3,211,497, 10–12–65, Cl. 297—452.
Bounsall, Norman F.: *See*—
Machein, Kurt R., and Bounsall. 3,176,067.
Bounsall, Norman F., to Ampex Corp. Diode bridge gating circuit with opposite conductivity type transistors for control. 3,179,817, 4–20–65, Cl. 307—88.5.
Bounsall, Norman F., to Ampex Corp. Editing control system for television program recorder. 3,180,930, 4–27–65, Cl. 178—6.6.
Bourcier de Carbon, Christian-Marie-Lucien-Louis. Shock absorbers having annular disc valving. 3,164,225, 1–5–65, Cl. 188—100.
Bourcier de Carbon, Christian-Marie-Lucien-Louis. Floating valves for shock absorbers. 3,199,636, 8–10–65, Cl. 188—96.
Bourdier, Lucien. Pincer type tool with securing means. 3,197,865, 8–3–65, Cl. 30—91.
Bourdon, Pierre M., to Michelin & Cie. Pneumatic tire. 3,192,984, 7–6–65, Cl. 152—354.
Bourgade, Pierre, to Sté Indatom. Thermal barrier for nuclear reactor vessel. 3,175,958, 3–30–65, Cl. 176—87.
Bourgeois, Louis M., to Knapp-Monarch Co. Electrostatic air purifier. 3,191,362, 6–29–65, Cl. 55—126.
Bourgeois, Michel, and P. Faugeras, to Commissariat a l'Energie. Process of preparation of uranium compounds from uranium-molybdenum alloys. 3,208,815, 9–28–65, Cl. 23—14.5.
Bourget, David L. Spout for milk container. 3,187,965, 6–8–65, Cl. 222—518.
Bourget, Joseph A.: *See*—
Lindenthal, Murray W., Tagler, and Bourget. 3,200,264.
Bourguet, Jean M., and F. D. Hart, to Socony Mobil Oil Co., Inc. Catalytic cracking process with a catalyst composition comprising an aluminosilicate containing beryllium. 3,193,493, 7–6–65, Cl. 208—120.
Bourguignon, Jules F. J., to Baumgartner Freres S.A. Photosensitive remote control device for orienting a movable object. 3,171,963, 3–2–65, Cl. 250—209.
Bourke, Bernard J., and J. A. Finney, Jr., to Universal Oil Products Co. Sequentially energized solenoids reciprocating motor system. 3,172,027, 3–2–65, Cl. 318—37.
Bourke, Robert F.: *See*—
Benaglio, Reno V., and Bourke. 3,204,132.
Bournazel, Claude L.: *See*—
Moulin, Jacques F., and Bournazel. 3,225,588.
Bourne, Harold C.: *See*—
Glasson, Douglas H., and Bourne. 3,185,839.
Bourne, Henry A., Jr., and P. L. Gant, to Continental Oil Co. Inflatable packer apparatus. 3,209,835, 10–5–65, Cl. 166—187.
Bourne, Howard N. Transferring granular material from rail trucks or the like to road transport or the like. 3,207,335, 9–21–65, Cl. 214—44.
Bourne, John H., to North American Philips Co., Inc. Permanent magnet. 3,213,335, 10–19–65, Cl. 317—201.
Bourne, Joseph R., and L. H. Leonard, Jr., to Carrier Corp. Absorption refrigeration systems. 3,206,947, 9–21–65, Cl. 62—489.
Bourne, Kenneth H., and P. D. Holmes, to The British Petroleum Co. Ltd. Isomerisation of olefins. 3,215,751, 11–2–65, Cl. 260—683.2.
Bourne, Kenneth J.: *See*—
Eden, Kenneth A., and Bourne. 3,171,363.
Bourne, Ronald F., and D. G. Cheyne. Renewable elements which are subject to wear by abrasion. 3,194,506, 7–13–65, Cl. 241—300.
Bourns, Inc.: *See*—
Bischof, Walter J. 3,181,055.
Brown, George J., and Barrett. 3,201,735.
Ferrell, Robert L., and Hardison. Re. 25,725.
Hardison, Wilbur T., and Mathison. 3,172,070.
Ihrig, Jerome W. 3,172,071.
Marks, Eugene A., Bentsen, and Hofmann. 3,173,120.
Marks, Eugene A., Mowry, Sperling, and Wilson. 3,172,069.
Mathison, Victor G. 3,201,737.
Mathison, Victor G., and Hardison. 3,202,782.
Miller, Kenneth F. 3,218,527.
Rolwes, John E. 3,187,289.
Zuehlke, Arthur A., and Brown. 3,206,984.
Bourquard, Fernand, to Commissariat a l'Energie Atomique. Supersonic compressors. 3,184,152, 5–18–65, Cl. 230—127.
Bourquin, Jean-Pierre: *See*—
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Bouschat, Kenneth, and E. A. Meyer, to Feed Service Corp. Apparatus for testing meat and the like. 3,214,967, 11–2–65, Cl. 73—81.
Bouser, Inc.: *See*—
Romanowski, Albert F. 3,199,727.
Bousman, Samuel I., A. M. Kivari, and R. B. Thompson, to The Eimco Corp. Apparatus for contacting solids and liquid. 3,170,770, 2–23–65, Cl. 23—287.
Bousquet, Donald G., and W. H. Kane, to B. S. Roy & Son Co. Roll grinder. 3,165,865, 1–19–64, Cl. 51—251.
Boussu, Gabriel R. X.: *See*—
Travers, Georges L., and Boussu. 3,218,209.
Boussu, Gabriel X. R., and G. L. Travers, to Michelin & Cie. Tires. 3,172,445, 3–9–65, Cl. 152—354.
Boussu, Gabriel X. R., and G. L. Travers, to Michelin & Cie. Outer tire cover with radial carcass and rigid crown. 3,195,604, 7–20–65, Cl. 152—361.
Boussu, Gabriel X. R., and G. L. Travers, to Compagnie Generale des Etablissements Michelin raison sociale Michelin & Cie. Pneumatic tires. 3,207,200, 9–21–65, Cl. 152—354.
Boussu, Gabriel X. R., L. P. F. A. Neuville, and J.-M. Massoubre, to Michelin & Cie. Linear polyurethane elastomers. 3,219,633, 11–23–65, Cl. 260—75.
Bouteille, Charles Y. J. Physical or chemical treatment of fine powdery materials having a controlled granulometry. 3,212,878, 10–19–65, Cl. 75—9.
Bouthilet, Robert J., to Norda Essential Oil and Chemical Co. Preservation of wine. 3,198,636, 8–3–65, Cl. 99—35.
Boutigny, Robert, and M. Amadieu, to Stein & Roubaix. Multi-zone pusher type furnace and process for heating flat ingots or slabs, or like products. 3,179,390, 4–20–65, Cl. 263—6.
Boutillette, Edward J.: *See*—
Gordon, Barnett D., der Estephanian, and Boutillette. 3,176,480.
Boutillier, Pierre E., and J. L. Gourlet, to Manufactures de Produits Chimiques du Nord Etablissements. Cellular polystyrene. 3,219,597, 11–23–65, Cl. 260—2.5.
Boutillon, Henri, to Etablissements Boutillon S.A. Indicating and calculating apparatus. 3,184,163, 5–18–65, Cl. 235—144.
Boutillon, Henri, to Etablissements Boutillon S.A. Transmission mechanism and its applications. 3,197,134, 7–27–65, Cl. 235—61.
Boutillon S.A., Etablissements: *See*—
Boutillon, Henri. 3,184,163.
Boutillon, Henri. 3,197,134.
Boutin, Charles T.: *See*—
Ringwood, Arthur F., and Boutin. 3,190,842.
Boutin, Charles U., to North American Aviation, Inc. Simplified inertial guidance system. 3,188,019, 6–8–65, Cl. 244—14.
Boutin, Robert, to Gencarelli, Inc. Device for lifting heavy articles. 3,201,166, 8–17–65, Cl. 294—89.
Boutros, Richard D., to Mixing Equipment Co., Inc. Sealing means for receptacle shaft opening. 3,166,330, 1–19–65, Cl. 277—8.

Boutsicaris, Stephen P., to The Firestone Tire & Rubber Co. Polymerization of olefinic compounds utilizing a catalyst containing a tetrakis-(dihydrocarbonamino) silane. 3,196,-136, 7–20–65, Cl. 260—93.7.

Boutwell, Ernest D. Antifriction split-nut device. 3,186,-250, 6–1–65, Cl. 74—459.

Bouvart-Martin, Jean-Baptiste, to Societe Generale "Isothermos" Societe Anonyme. Brake adjuster for railway vehicles. 3,200,912, 8–17–65, Cl. 188—196.

Bouvier, Maurice: *See*—
Horgen, Helge, and Bouvier. 3,225,751.

Bouvier, Maurice, and A. Moiroux, to Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie S.A. Free piston gas generators. 3,194,007, 7–13–65, Cl. 60—13.

Bouwers, Albert, to Optische Industrie de Oude Delft, N.V. Electronic and photographic image intensification. 3,187,-093, 6–1–65, Cl. 178—6.7.

Bouwers, Albert, to Optische Industrie de Oude Delft, N. V. Anamorphosing optical system. 3,195,404, 7–20–65, Cl. 88—57.

Bouwers, Albert, to Optische Industrie de Oude Delft, N.V. Observation instrument with image converter tube and prism anamorphosers. 3,200,250, 8–10–65, Cl. 250—77.

Bouwhuis, Gijsbertus: *See*—
De Lang, Hendrik, and Bouwhuis. 3,202,039.

Bouyouces, John V. Acoustic vibration generator and coupler. 3,212,472, 10–19–65, Cl. 116—137.

Bouyouces, John V. Hydroacoustic transducer. 3,212,473, 10–19–65, Cl. 116—137.

Bovay, H. E., Jr.: *See*—
Green, Mavis J. 3,186,453.

Bovee, Ranson Y., to Monovalve Motors Corp. Fluid transmission and control. 3,192,859, 7–6–65, Cl. 103—11.

Boveia, Clark E.: *See*—
Sutherland, Delbert A., and Boveia. 3,166,356.

Bovenkerk, Harold P., to General Electric Co. Insulating structures with variable thermal conductivity and method of evacuation. 3,167,159, 1–26–65, Cl. 189—34.

Bovensiepen, Hans-Friedrich, to P. Wolters. Lapping machine. 3,173,230, 3–16–65, Cl. 51—111.

Bowan, Walte J., and C. E. Floren, to Mueller Co. Electrical insulating pipe coupling. 3,185,501, 5–25–65, Cl. 285—52

Bowash Ltd.: *See*—
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Bowater Research and Development Co. Ltd., The: *See*—
Jepson, Michael D., and Underhay. 3,176,411.

Bowcott, Roy P.: *See*—
Preece, Kenneth, and Bowcott. 3,223,863.

Bowcott, Roy P., to Joseph Lucas (Industries) Ltd. One way roller clutch with freeing shoes. 3,223,213, 12–14–65, Cl. 192—45.

Bowden, Andrew T., to C. A. Parsons & Co. Ltd. Nuclear reactor fuel element having improved fin structure. 3,207,673, 9–21–65, Cl. 176—81.

Bowden, Dean T.: *See*—
Spencer, Jessie H., Jr., and Bowden. 3,204, 084.

Bowden, George F., to Symons Mfg. Co. Wall form panel with inherently reinforced crossbars. 3,171,186, 3–2–65, Cl. 25—131.

Bowden, George F., to Symons Mfg. Co. T-head stabilizer for a shore. 3,203,660, 8–31–65, Cl. 248—357.

Bowden, James H. Auto body fender and frame repair fixture. 3,214,959, 11–2–65, Cl. 72—483.

Bowden, James J. Aluminum type deoxidizer weighted to submerge it in molten metal. 3,168,608, 2–2–65, Cl. 266—34.

Bowden, Jimmie R.: *See*—
Kennedy, Eugene F., Acciarri, and Bowden. 3,210,435.

Bowden, Malcolm K., and J. C. Buck, to Short Bros. & Harland Ltd. Parachute braking apparatus for aircraft. 3,222,014, 12–7–65, Cl. 244—113.

Bowden, Roy N. Seal puller tool. 3,171,193, 3–2–65, Cl. 29—278.

Bowden, Roy N. Seal puller tool. 3,206,844, 9–21–65, Cl. 29—278.

Bowdish, Meredith E. Rotary compressor or engine having a variable compression ratio. 3,176,908, 4–6–65, Cl. 230—138.

Bowditch, Hoel L.: *See*—
Graham, James W., and Bowditch. 3,172,292.

Bowditch, Hoel L., to The Foxboro Co. Diaphragm. 3,187,-641, 6–8–65, Cl. 92—94.

Bowe, John, and D. Frohlich. Cotton candy spinning machine. 3,203,365, 8–31–65, Cl. 107—1.

Bowell, Fred A. Buckets for grain sampling. 3,188,868, 6–15–65, Cl. 73—421.

Bowell, Stephen T., and H. J. Kiefer, Jr., to The Glidden Co. Emulsifiable composition of polyurethane with metal-salt driers, anionic emulsifiers, and pigments. 3,210,302, 10–5–65, Cl. 260—18.

Bowen, Albert E., Jr.: *See*—
Sonntag, Alfred, and Bowen. 3,166,927.

Bowen, Charry L.: *See*—
Bowen, George G. and C. L. 3,217,120.

Bowen, Elmer A.: *See*—
Shesler, Elmer G., Bowen, and Burden. 3,196,486.

Bowen, G. L., & Co.: *See*—
Bowen, Glen L., and Lemon. 3,190,399.

Bowen, George G. and C. L. Automobile signal switch. 3,217,120, 11–9–65, Cl. 200—61.52.

Bowen, Glen L., and R. W. Lemon, to G. L. Bowen & Co. Lever actuated, spot type disc brake with automatic adjusting means. 3,190,399, 6–22–65, Cl. 188—73.

Bowen, Glen L., R. W. Lemon, and J. A. Clauss, Jr., to Jered Industries, Inc. Control system for a multiple speed power transmission. 3,194,373, 7–13–65, Cl. 192—87.

Bowen, Glenn L.: *See*—
Davies, Edward R., Bowen, and Lemon. 3,215,237.

Bowen, John C.: *See*—
Wolf, Robert C., and Bowen. 3,192,953.

Bowen, John C., and R. C. Wolf, to Pressure Products Industries, Inc. Pumps for fluids. 3,195,806, 7–20–65, Cl. 230—69.

Bowen, Kenneth R. Spare tire attaching and mounting device. 3,204,840, 9–7–65, Cl. 224—42.24.

Bowen, Mack D., and J. T. Hamrick, to Thompson Ramo Wooldridge Inc. Hydrogen generation and purification system. 3,179,500, 4–20–65, Cl. 23—260.

Bowen, Max E. Pressurized medicament container with easily attachable dose measuring dispensing probe. 3,169,525, 2–16–65, Cl. 128—184.

Bowen, Rafael L., to United States of America, Commerce. Method of preparing a monomer having phenoxy and methacrylate groups linked by hydroxy glyceryl groups. 3,179,-623, 4–20–65, Cl. 260—47.

Bowen, Rafael L., to United States of America, Commerce. Silica-resin direct filling material and method of preparation. 3,194,783, 7–13–65, Cl. 260—41.

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Kirby, John H., II. 3,198,256.
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Bowen, Willard L., III, to The Torrington Co. Idler pulley and end mounting for a chain saw. 3,198,222, 8–3–65, Cl. 143—32.

Bowen, Willard L., III, to The Torrington Co. End guide for chain saw. 3,198,223, 8–3–65, Cl. 143—32.

Bowen, William H., and J. R. McVey, to Manning, Maxwell & Moore, Inc. Valve with improved head seal. 3,174,718, 3–23–65, Cl. 251—334.

Bower, Arnold B., Jr., to General Electric Co. Cutter bit for roof drill. 3,187,825, 6–8–65, Cl. 175—327.

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Bower, John L., by North American Aviation, Inc. Digital fluid control system. Re. 25,882, 10–19–65, Cl. 91—31.

Bower, John L., and W. R. Abbott, to North American Aviation, Inc. Photoelectric gauge employing a plurality of gratings. 3,218,911, 11–23–65, Cl. 88—14.

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Bower, Joseph G., to United States Borax & Chemical Corp. Organoboron polymers and method of making same. 3,203,-930, 8–31–65, Cl. 260—47.

Bower, Richard R., to Raytheon Co. Apparatus for assembling electronic parts. 3,164,459, 1–5–65, Cl. 65—155.

Bower, Richard R., to Rheems Mfg. Co. Article handling machine. 3,179,236, 4–20–65, Cl. 198—131.

Bower, Richard R., to Raytheon Co. Welding. 3,180,968, 4–27–65, Cl. 219—78.

Bower, Robert B., and E. G. Sawdon. Gauge structure for a tank or the like. 3,174,338, 3–23–65, Cl. 73—332.

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Bowerman, Raymond E. Snow scoop. 3,218,738, 11–23–65, Cl. 37—53.

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Bowers, Albert, to Syntex Corp. 19-lower-alkyl-10α-derivatives of cortical harmones. 3,177,205, 4–6–65, Cl. 260—239.55.

Bowers, Albert, to Syntex Corp. 19-halo pregnane derivatives. 3,186,988, 6–1–65, Cl. 260—239.55.

Bowers, Albert, to Syntex Corp. 6α,9α,11β-trichloro and 6α-fluoro-9α,11β-dichloro pregnenes. 3,201,391, 8–17–65, Cl. 260—239.55.

Bowers, Albert, to Syntex Corp. 19-substituted pregnenes. 3,205,228, 9–7–65, Cl. 260—239.55.

Bowers, Albert, to Syntex Corp. 19-alkyl-Δ^5-androstene-3β, 19-diol-17-ones. 3,205,242, 9–7–65, Cl. 260—397.4.

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Bowers, Albert, to Syntex Corp. 6-hydroxy-and 6-keto-Δ^5(10)-19-norandrostene and pregnene derivatives. 3,206,460, 9–14–65, Cl. 260—239.55.

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Bowers, Albert, to Syntex Corp. 19-halo-Δ^4-10α-androsten-17β-ol-3-one. 3,210,389, 10–5–65, Cl. 260—397.4.
Bowers, Albert, to Syntex Corp. 16-methyl-19-nor-$\Delta^{4,6}$-pregnadiene-3,20-dione. 3,212,969, 10–19–65, Cl. 167—58.
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Bowers, Albert, to Syntex Corp. 3,19-lactones of 3β-hydroxy-19-oic acids of the androstane and pregnane series. 3,223,702, 12–14–65, Cl. 260—239.57.
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Bowers, Albert, J. Edwards, and J. C. Orr, to Syntex Corp. 2-methyl derivatives of Δ^2-androsten-17β-ol. 3,188,326, 6–8–65, Cl. 260—397.5.
Bowers, Albert, and P. Crabbe, to Syntex Corp. 17β-(lower cycloalk-1′-enyloxy)and 17β-(1-lower alkoxy-lower cycloalkoxy) derivatives of 2-cyano-Δ^2-androsten-17β-ol. 3,188,327, 6–8–65, Cl. 260—397.5.
Bowers, Albert, and O. Halpern, to Syntex Corp. 6-keto-3-desoxy-$\Delta^{1,3,5(10)}$-estratrienes and processes for their preparation. 3,201,428, 8–17–65, Cl. 260—397.
Bowers, Albert, J. Edwards, and P. Crabbe, to Syntex Corp. Ring A aromatic 9β-estratrienes and -19-norpregnatrienes. 3,207,753, 9–21–65, Cl. 260—239.55.
Bowers, Albert, and J. Edwards, to Syntex S.A. 2-methylene-9α halo-compounds of the pregnene series and process to make same. 3,210,340, 10–5–65, Cl. 260—239.55.
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Bowers, Frederick H. Smoking pipe. 3,172,413, 3–9–65, Cl. 131—184.
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Bowers, Eric and G., and Bennett. 3,188,744.
Bowers, Lester T., and H. D. Van Sciver II, to The Budd Co. Method and means of circumventing cathode maintenance in electron beam devices. 3,174,026, 3–16–65, Cl. 219—117.
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Bowers, R. H. Electric auto window safety device. 3,174,743, 3–23–65, Cl. 268—124.
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Bowker, Ervin, and Ervin Bowker, Jr. 3,176,555.
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Bowler, Raymond M., D. B. McIlvin, J. R. Stewart, and F. W. Wetherbee, to United Shoe Machinery Corp. Machines for shaping uppers over lasts. 3,164,852, 1–12–65, Cl. 12—10.5.
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Bowman, Clyde L., M. J. De Good, and D. A. Schneider, to structure. 3,206,008, 9–14–65, Cl. 198—160.
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Bowman, Francis, and P. W. Hickmott, to Imperial Chemical Industries Ltd. Acryloylamino benzene monoazo dyestuffs. 3,208,992, 9–28–65, Cl. 260—162.
Bowman, Fred. Foldable grill. 3,177,864, 4–13–65, Cl. 126—9.
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Box, Theodor. Carrying case. 3,214,057, 10–26–65, Cl. 220—97.

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Boyce, William C., to United States of America, Air Force. Arm restraint. 3,191,994, 6–29–65, Cl. 297—411.

Boyce, William C., to United States of America, Air Force. Pneumatic restraint system. 3,218,103, 11–16–65, Cl. 297—384.

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Boyd, Gary D., and L. F. Johnson, to Bell Telephone Laboratories, Inc. Solid-state, continuous wave optical maser. 3,210,687, 10–5–65, Cl. 331—94.5.

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Boyd, Thomas, and H. J. Dietrich, to Monsanto Chemical Co. Polymerization process using acetoin/monocarboxylic acid catalyst system. 3,222,428, 12–7–65, Cl. 260—880.

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Boyden, Robert E. Sound recording and reproducing apparatus. 3,223,423, 12–14–65, Cl. 274—11.

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Boyer, William M., and C. T. Gannon, to Dow Corning Corp. Polymerization of silazanes by selected catalysts. 3,187,-030, 6–1–65, Cl. 260—448.2.
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Boylan, Edward B., H. J. White, B. P. Boylan, and G. J. Pyre. Service system and coupling mechanism for tractor-trailer vehicles. 3,181,887, 5–4–65, Cl. 280—421.
Boylan, Edward B., H. J. White, B. P. Boylan, and G. J. Pyre, to Peer Cartage Co., Inc. Automatic coupling mechanism for tractor-trailer vehicles. 3,181,888, 5–4–65, Cl. 280—421.
Boylan, Francis J., and S. T. Putnam. Polymerization emulsifiers comprising a soap of distilled rosin and an oil. 3,223,696, 12–14–65, Cl. 260—97.
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Boylan, Robert E., and R. J. Petschauer, to Sperry Rand Corp. Saturable magnetic device. 3,164,811, 1–5–65, Cl. 340—174.
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Boyle, Francis K., and J. J. Duane, to Union Carbide Corp. Gelled propellent for aerosol dispensers. 3,218,263, 11–16–65, Cl. 252—305.
Boyle, Francis K., S. T. Clark, and C. F. Swain, to Union Carbide Corp. Cleaning and coating formulation. 3,222,201, 12–7–65, Cl. 106—285.
Boyle, Leon W., and J. A. Sluss. Reinforced bucket with wear insert for bowling pin setting machines. 3,172,662, 3–9–65, Cl. 273—42.
Boyle, Richard J., and J. P. Milionis, to American Cyanamid Co. Polymers reacted with benzotriazole UV absorbers (carboxy and hydroxy groups). 3,213,058, 10–19–65, Cl. 260—47.
Boyle, Richard J., and J. P. Milionis, to American Cyanamid Co. Benzotriazole compounds. 3,214,436, 10–26–65, Cl. 260—308.
Boyle, Robert F., and R. L. Hartwig, to Pneumo Dynamics Corp. Rolling tape metering valve. 3,216,453, 11–9–65, Cl. 137—625.3.
Boyle, Robert J., and J. A. Gross, to Chemical Construction Corp. Production of phosphoric acid. 3,197,280, 7–27–65, Cl. 23—165.
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Bozek, John S., to Continental Can Co., Inc. Easy opening pull tab can end with wide tear strip. 3,195,768, 7–20–65, Cl. 220—54.
Bozek, John S., to Continental Can Co., Inc. Multi-paneled metal can-end with scored and beaded tear strip. 3,221,-923, 12–7–65, Cl. 220—54.
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Bozich, Michael J. Conveying system and valve construction therefor. 3,185,434, 5–25–65, Cl. 251—134.
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Bozóki, László, I. Martos, and I. Wein, to Medicor Röntgen Müvek. Gamma-ray irradiation apparatus and supporting structure. 3,177,365, 4–6–65, Cl. 250—106.
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Brack, Karl, to Hercules Powder Co. Polyesters of epoxidized aliphatic acids and cross-linked products. 3,184,439, 5–18–65, Cl. 260—78.4.
Brack, Karl, to Hercules Powder Co. Tris(dihydroxyalkyl) phosphates. 3,184,497, 5–18–65, Cl. 260—461.

Brack, Leland E., A. Rein, and H. B. Brack, to Micair Exploder Trust. Method and apparatus for comminuting materials. 3,224,685, 12–21–65, Cl. 241—5.
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Brackbill, Warren H., L. J. Knepper, and J. K. Hale, to Sperry Rand Corp. Retainer. 3,167,337, 1–26–65, Cl. 287—53.
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Bracken, Aubrey T., to Libbey-Owens-Ford Glass Co. Method and apparatus for feeding batch materials. 3,204,787, 9–7–65, Cl. 214—18.
Bracken, Clement H. Time-delay actuator for toggle switches. 3,179,396, 4–20–65, Cl. 267—1.
Bracken, Robert C., and C. L. Sommers, to Phillips Petroleum Co. Method of controlling the flow of absorbent according to the liquid level in a presaturation zone. 3,216,177, 11–9–65, Cl. 55—18.
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Blair, Boyd C. 3,188,687.
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Braddock, Joseph V., B. J. Dunn, D. F. McDonald, H. A. Miranda, Jr., and T. G. Bullen. Ion acceleration pulsed neutron generators. 3,173,013, 3–9–65, Cl. 250—84.5.
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Bradley, Chester D., to The A. H. Emery Co. Temperature compensator for hydraulic pressure devices. 3,178,937, 4–20–65, Cl. 73—141.
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Bradley, Edward M., to International Computers and Tabulators Ltd. Magnetic storage devices. 3,201,767, 8–17–65, Cl. 340—174.
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Bradley, Mabel K. Dress hanger padettes. 3,212,687, 10–19–65, Cl. 223—98.
Bradley, Marion W. Wire insulation stripper. 3,180,184, 4–27–65, Cl. 81—9.5.
Bradley, Mildred J., and L. M. Ferris, to United States of America, Atomic Energy Commission. Chemical disintegration and recovery of uranium from sintered graphite-uranium compacts. 3,219,408, 11–23–65, Cl. 23—14.5.
Bradley, Norman, to United Kingdom Atomic Energy Authority. Steam cooled nuclear reactor. 3,165,449, 1–12–65, Cl. 176—59.
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Bradley, Norman, to United Kingdom Atomic Energy Authority. Steam cooled nuclear reactor. 3,183,167, 5–11–65, Cl. 176—59.
Bradley, Norman, to United Kingdom Atomic Energy Authority. Fuel elements for nuclear reactors. 3,185,632, 5–25–65, Cl. 176—68.
Bradley, Norman, and J. Jones, to United Kingdom Atomic Energy Authority. Sealing plugs. 3,179,279, 4–20–65, Cl. 220—24.5.
Bradley, Norman, and D. W. Lawson, to United Kingdom Atomic Energy Authority. Core structure for a vapor cooled, water moderated nuclear reactor. 3,193,469, 7–6–65, Cl. 176—58.
Bradley, Rex L. Adjustable test tube racks. 3,199,684, 8–10–65, Cl. 211—74.
Bradley, Richard S., to The Bendix Corp. Variable speed reducer mechanism. 3,190,145, 6–22–65, Cl. 74—640.
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Bradley, Stephen D., to Detroit Macoid Corp. Waterstop with provision for flexing. 3,172,237, 3–9–65, Cl. 50—71.
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Bradley, William E., to Philco Corp. Remotely controlled remote viewing system. 3,205,303, 9–7–65, Cl. 178—6.8.
Bradley, William E., to Philco Corp. Light source especially useful in spectroscopic systems. 3,205,763, 9–14–65, Cl. 88—14.
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Bradmiller, Richard W.: *See*—
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Bradmiller, Richard W., and J. A. Almond, to Martin-Marietta Corp. Active time delay devices. 3,226,567, 12–28–65, Cl. 307—88.5.
Bradner, John A., to The Lees-Bradner Co. Selective gearing arrangement for hobbing gears and milling threads. 3,190,180, 6–2–65, Cl. 90—4.
Bradov, Nick W. Child's stroller. 3,173,396, 3–16–65, Cl. 115—1.
Bradsby, Thomas R., to H. W. Sheehan. Permanent magnet hanger. 3,174,714, 3–23–65, Cl. 248—309.
Bradsell, Robert H.: *See*—
Froome, Keith D., and Bradsell. 3,200,698.
Bradshaw, Arthur, and G. J. Mansfield, to United States Shoe Machine Corp. Temperature gradient mulling. 3,193,860, 7–13–65, Cl. 12—59.7.
Bradshaw, Arthur, and B. M. Woolatt, to United Shoe Machinery Corp. Heat setting cabinets. 3,197,019, 7–27–65, Cl. 198—156.
Bradshaw, David L. Device for favorably positioning an animal for castration. 3,164,131, 1–5–65, Cl. 119—103.
Bradshaw, Harold A., to Ingersoll-Rand Co. High vacuum steam ejector. 3,187,682, 6–8–65, Cl. 103—278.
Bradshaw, Harold G., to Cochran Equipment Co. Wide wheelbase truck. 3,170,704, 2–23–65, Cl. 280—34.
Bradshaw, John A. Filament dispenser package. 3,218,003, 11–16–65, Cl. 242—129.8.
Bradshaw, Robert: *See*—
Kesslin, George, Flisik, and Bradshaw. 3,192,245.
Bradshaw, Robert S., to Burroughs Corp. Electromagnetic actuating means for wire printers. 3,217,640, 11–16–65, Cl. 101—93.
Bradt, Albert J., J. T. Curry, and R. A. Estock, to Martin-Marietta Corp. Electronic modules. 3,201,655, 8–17–65, Cl. 317—101.
Bradt, Lynn, and J. G. Dorrance, to S. I. Handling Systems Inc. Tow truck system. Re. 25,723, 2–2–65, Cl. 104—88.
Bradway, Malcolm S. Article scouring conveyor. 3,190,329, 6–22–65, Cl. 146—49.
Brady, Edward L. Boat anchor. 3,180,304, 4–27–65, Cl. 114—207.
Brady, Francis E., Jr., and P. L. Johnson; said Johnson assor. to said Brady. Method of and apparatus for forming tubular members. 3,186,203, 6–1–65, Cl. 72—56.
Brady, James C.: *See*—
Hall, John B., Jr., Brady, and Price. 3,208,272.
Brady, John G.: *See*—
Szabo, Karoly, and Brady. 3,172,902.
Brady, John T. Vehicle floor accessory support. 3,207,567, 9–21–65, Cl. 312—235.
Brady, Joseph L., and R. A. Brudi, to Clark Equipment Co. Crate and carton handling attachment for industrial trucks. 3,200,978, 8–17–65, Cl. 214—651.
Brady, Joseph R., and R. G. Cunningham, to Eastman Kodak Co. Electrostatic charging apparatus. 3,201,668, 8–17–65, Cl. 317—262.
Brady, Joseph S., to Air Reduction Co., Inc. Flux composition. 3,175,932, 3–30–65, Cl. 148—23.
Brady, Kenneth J., and N. Townsend; said Townsend assor. to said Brady. Sequential switch for an automatic vending machine or the like. 3,201,534, 8–17–65, Cl. 200—33.
Brady, Robert T., M. J. McInerney, and J. L. Czyl, to Vapor Corp. Combustor for a steam generator. 3,226,038, 12–28–65, Cl. 239—405.
Brady, Samuel G., to Ex-Cell-O Corp. Electrolytic grinder wheel. 3,194,751, 7–13–65, Cl. 204—212.
Brady, W. H., Co.: *See*—
Rymer, William W. 3,211,604.
Tobey, Frederic S. 3,192,093.
Brady, William. Hot air torch. 3,219,797, 11–23–65, Cl. 219—370.
Braendel, Felix W., and R. W. Bosse, to Groov-Pin Corp. Insert orienting equipment. 3,185,343, 5–25–65, Cl. 221—13.
Braendel, Helmuth G., to Wilkening Mfg. Co. Piston ring assembly. 3,202,430, 8–24–65, Cl. 277—79.
Brandeis, Hans, H. Petersen, and R. Fikentscher, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for producing a slow-acting nitrogenous fertilizer mixture containing crotylidenediurea. 3,190,741, 6–2–65, Cl. 71—28.
Brandeis, Hans, H. Petersen, and R. Fikentscher, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for producing a slow-acting and quick-acting nitrogenous fertilizer mixture containing crotylidenediurea. 3,190,742, 6–2–65, Cl. 71—28.
Brandeis, Harold, to Continental Glass Co. Tablet dispensing device. 3,199,668, 8–10–65, Cl. 206—42.
Brandeland, Howard A.: *See*—
Coleman, Joseph J., Wilke, Steinhoff, and Brandeland. 3,185,593.
Brandenberg, Karl A., to Square D Co. Multi-circuit trip free overload switch. 3,179,757, 4–20–65, Cl. 200—124.
Brandenberg, Karl A., to Modernair Corp. Double acting check valve. 3,196,890, 7–27–65, Cl. 137—102.
Brandenberg, Karl A., and P. F. Carels, to Modernair Corp. Multi-way poppet valve. 3,175,581, 3–30–65, Cl. 137—596.15.
Brandenberg, Karl A., and L. R. Bart, to Modernair Corp. Three-way solenoid valve. 3,185,177, 5–25–65, Cl. 137—625.27.
Brandenberg, Karl A., and L. R. Bart, to Modernair Corp. Button bleeder valve. 3,197,172, 7–27–65, Cl. 251—23.
Brandenbusch, Günter, to Koppers Co., Inc. Charging-hole-cover lifting-device for coke oven batteries. 3,182,838, 5–11–65, Cl. 214—658.
Brander, Ian R., and J. B. Seed, to Imperial Chemical Industries Ltd. Method and apparatus for packaging plastic materials in elongated containers. 3,185,188, 5–25–65, Cl. 141—12.
Brandes, Arthur, to Ekco Products Co. Storage rack. 3,220,557, 11–30–65, Cl. 211—40.
Brandes, Eric A.: *See*—
Robiette, Alfred G. E., and Brandes. 3,220,860.
Brandes, Jurgen, to Vereinigte Glanzstoff-Fabriken AG. Heat stabilization of polyamides. 3,174,944, 3–23–65, Cl. 260—37.
Brafford, Donald A.: *See*—
Justus, Edgar J., Brafford, Roerig, and Hornbostel. 3,205,128.
Brafford, Donald A., to Beloit Corp. Separate loading of artillery propellant charges. 3,176,617, 4–6–65, Cl. 102—97.
Brafford, Donald A., to Beloit Corp. Method of forming shells or molded parts. 3,216,889, 11–9–65, Cl. 162—218.
Bragaw, Chester G., Jr., and E. Orowan, to E. I. du Pont de Nemours and Co. Safety-glass laminate. 3,178,334, 4–13–65, Cl. 161—165.
Bragdon, James H.: *See*—
Gesek, William J., and Bragdon. 3,168,700.

Bragg, Gilbert H.: *See—*
Downs, Samuel, Jr. 3,166,757.

Bragg, Herbert E., R. D. Whitmore, A. E. Alden, and F. D. Leslie, to Twentieth Century Fox Film Corp. Method and apparatus for automatically and repetitively making copies of preselected portions of motion picture films. 3,199,404, 8–10–65, Cl. 88—24.

Bragg, Horace A.: *See—*
Sheehan, Gerard M., Lawhorne, and Bragg. 3,178,264.

Bragg, Kenneth R., to Parker-Hannifin Corp. Tube coupling. 3,201,149, 8–17–65, Cl. 285—39.

Braginetz, Paul A.: *See—*
Kruger, James B., and Braginetz. 3,167,207.

Braginetz, Paul A., to Philip Morris, Inc. Razor cases, shaving kits, and the like. 3,206,012, 9–14–65, Cl. 206—16.

Bragman, Clifford I. Sliding closure structures. 3,184,806, 5–25–65, Cl. 20—52.

Braham, James V. Feed lot conveyor system. 3,191,581, 6–29–65, Cl. 119—52.

Braham Laboratories, Inc.: *See—*
Kane, Robert D. 3,188,671.

Brahler, Berthold: *See—*
Reese, Johannes, and Brahler. 3,220,948.

Brahler, Dean I. Internal combustion engine. 3,191,584, 6–29–65, Cl. 123—50.

Brahm, Charles B., to United Aircraft Corp. Feedback integrating system. 3,192,371, 6–29–65, Cl. 235—183.

Brahm, Charles B., to United States of America, Navy. Cable fade-in circuit. 3,207,952, 9–21–65, Cl. 317—33.

Brahm, Charles B., and R. F. Gamble, to United Aircraft Corp. Power remaining indicator. 3,181,353, 5–4–65, Cl. 73—116.

Brahm, Charles B., and J. E. Games, to United Aircraft Corp. Rate responsive compensation change circuit. 3,199,013, 8–3–65, Cl. 318—489.

Braid, Milton: *See—*
Hauptschein, Murray, Braid, and Lawlor. 3,211,787.
Hauptschein, Murray, and Braid. 3,219,712.

Braid, Murray D., to TRW Inc. Method of making valve stem retainer locks. 3,222,770, 12–14–65, Cl. 29—413.

Braikevitch, Michael, and J. G. Warnock, to The English Electric Co. Ltd. Reversible pump turbines. 3,226,083, 12–28–65, Cl. 253—26.

Brailowsky, Vladimir, to General Motors Corp. Process for orienting ferrites. 3,163,922, 1–5–65, Cl. 29—155.6.

Brain, Alfred E., to Stamford Research Institute. Magnetic-core logic and storage device. 3,196,415, 7–20–65, Cl. 340—174.

Brain, James W. (deceased); by V. R. Brain, executrix. Apparatus for use in phase relationship determinations including a plurality of coils mounted on a flat structural member. 3,226,638, 12–28–65, Cl. 324—83.

Brain, Virginia R.: *See—*
Brain, James W., and Brain. 3,226,638.

Brainard, Benson C. Spray container shield enclosure. 3,200,817, 8–17–65, Cl. 128—173.

Brainard, Edward C., II, to Braincon Corp. Recording thermograph. 3,183,717, 5–18–65, Cl. 73—343.5.

Brainard, Fred M. Turn-over jar cleaner. 3,208,613, 9–28–65, Cl. 214—308.

Brainard, Wallace E., to Kearney & Trecker Corp. Apparatus for automatically setting up a program in a multiple spindle machine tool. 3,188,892, 6–15–65, Cl. 77—24.

Brainard, Wallace E., J. A. Hansen, R. K. Sedgwick, C. B. Sipek, and H. J. Baechle, to Kearney & Trecker Corp. Machine tool with mechanical cutting tool changer. Re. 25,737, 3–2–65, Cl. 29—568.

Brainard, Wallace E., and H. J. Baechle, to Kearney & Trecker Corp. Multiple spindle tool changer. 3,188,736, 6–15–65, Cl. 29—568.

Braincon Corp.: *See—*
Brainard, Edward C., II. 3,183,717.

Brainerd, Alfred G., Jr., and G. E. Morgan. Air filter. 3,164,456, 1–5–65, Cl. 55—500.

Brainerd Baxter Corp.: *See—*
Hopps, Michael R. 3,209,883.

Brainerd, Clarence H.: *See—*
Darby, Robert J., Nemecek, Granger, and Brainerd. 3,199,811.

Braithwaite, David G., and W. Hanzel, to Nalco Chemical Co. Cell for carrying out electrochemical reactions. 3,189,534, 6–15–65, Cl. 204—274.

Braithwaite, Richard, to Hudson Pulp & Paper Corp. Bag handle and bag. 3,208,492, 9–28–65, Cl. 150—12.

Brake, William R.: *See—*
Hufton, Peter F., and Brake. 3,191,216.

Brakebill, Elvin K., to Allied Chemical Corp. Acetamidoaminocapronitrile, method of making and intermediates therefor. 3,210,400, 10–5–65, Cl. 260—465.4.

Brakel, Johannes A., to North American Philips Co., Inc. Conversion of rectangular co-ordinates into polar co-ordinates. 3,180,977, 4–27–65, Cl. 235—189.

Bram, Georges E., to Centre de Recherches de Pont-a-Mousson. Reinforcement for sealing element and sealing element incorporating said reinforcement. 3,183,010, 5–11–65, Cl. 277—235.

Bram, Georges E., to Centre de Recherches de Pont-A-Mousson. Device for the continuous winding of wire. 3,195,338, 7–20–65, Cl. 72—138.

Brame, Gordon R., and G. R. Chafee, Jr., to General Electric Co. Clothes dryer with optional additional drying means. 3,197,886, 8–3–65, Cl. 34—90.

Bramekamp, Karl-Jürgen, and A. Kulling, to Titangesellschaft m.b.H. Process and device for cooling a hot gas mixture containing TiO_2. 3,224,215, 12–21–65, Cl. 62—120.

Bramer, Donald W., L. Brockman, H. C. Sibley, and J. A. Snell, to General Signal Corp. Journal temperature information recording system for trains. 3,177,359, 4–6–65, Cl. 246—169.

Bramer, Donald W., and H. C. Sibley, to General Signal Corp. Plural modulation communication system. 3,178,515, 4–13–65, Cl. 179—15.

Bramer, John C., Jr., to Datagraphics Inc. Color display panel with bistable multi-vibrator matrix lamp control. 3,175,209, 3–23–65, Cl. 340—334.

Bramfitt, John E.: *See—*
Heaps, John M., and Bramfitt. 3,167,598.

Bramlett, Merlin F., to Bramlett Oil Field Service, Inc. Completion tool for oil wells. 3,211,228, 10–12–65, Cl. 166—128.

Bramlett, Merlin F., to Bramlett Oil Field Service, Inc. Oil well completion tool. 3,211,229, 10–12–65, Cl. 166—128.

Bramlett, Merlin F., to Bramlett Oil Field Service, Inc. Oil well completion tool with drop-off plug. 3,211,231, 10–12–65, Cl. 166—152.

Bramlett Oil Field Service, Inc.: *See—*
Bramlett, Merlin F. 3,211,228.
Bramlett, Merlin F. 3,211,229.
Bramlett, Merlin F. 3,211,231.

Bramley, Arthur: *See—*
Bramley, Jenny and A. 3,204,159.

Bramley, Jenny. Optical system for the utilization of coherent light. 3,218,390, 11–16–65, Cl. 178—7.85.

Bramley, Jenny and A. Rectifying majority carrier device. 3,204,159, 8–31–65, Cl. 317—235.

Brammer, Craig W.: *See—*
Vertnik, Leonard R., and Brammer. 3,217,026.

Brammerlo, Allen A., to General Electric Co. Stator winding arrangement in a single phase induction type motor. 3,200,317, 8–10–65, Cl. 318—220.

Bramming, Carl, to Aladdin Industries, Inc. Vacuum bottle having filler with closure mounting ring cemented thereto. 3,193,126, 7–6–65, Cl. 215—13.

Bramsch, Franz R., and H. Riegger, to Kienzle Apparate G.m.b.H. Apparatus for indicating the operation of a motor. 3,213,459, 10–19–65, Cl. 346—18.

Bran & Lubbe: *See—*
Pfeiffer, Walter. 3,172,037.

Bran & Lubbe, Messrs.: *See—*
Fuhrmann, Hans. 3,226,200.

Brancaccio, Giovanni: *See—*
Larizza, Angelo, and Brancaccio. 3,193,572.

Brancato, Joseph: *See—*
Brancato, Vincent and J. 3,177,926.

Brancato, Sebastian T.: *See—*
Kutik, Leon, Michelotti, Brancato, and Pucknat. 3,170,888.

Brancato, Vincent and J. Folding gate. 3,177,926, 4–13–65, Cl. 160—183.

Branch, Albert P.: *See—*
Huffaker, Vearn J. 3,225,409.

Branch, Harvey C., and H. C. Gersbacher, to United Aircraft Products, Inc. Welding apparatus. 3,219,789, 11–23–65, Cl. 219—60.

Branch, Robert E.: *See—*
Reddin, Robert M., and Branch. 3,181,696.

Branch, William C.: *See—*
Booth, Jack J., and Branch. 3,167,090.

Branche, William H., and G. A. White, to Carrier Corp. Fluid control means. 3,216,479, 11–9–65, Cl. 158—140.

Branco, Flavio S. C., to Minnesota Mining and Mfg. Co. Dual phase D.C. motor speed control system. 3,207,970, 9–21–65, Cl. 318—314.

Brand, Jay J., to Pittsburgh Plate Glass Co. Glass cutter having means to retain cutter in an inoperative position. 3,165,018, 1–12–65, Cl. 83—11.

Brand, Jay J., to Pittsburgh Plate Glass Co. Glass drawing apparatus. 3,181,392, 5–4–65, Cl. 74—665.

Brand, John R.: *See—*
Holman, Howard E., Brand, and Korinke. 3,204,507.
Schwartz, Harold O., Bode, and Brand. 3,178,500.

Brand, John R., to The Wurlitzer Co. Electronic musical instrument oscillator. 3,196,200, 7–20–65, Cl. 84—1.05.

Brand, Robert D., and E. J. Sperber, to Radio Corp. of America. Tuning system for television receivers. 3,179,907, 4–20–65, Cl. 334—1.

Brand, Robert D., to Radio Corp. of America. Television tuner switching system. 3,219,933, 11–23–65, Cl. 325—459.

Brandao, Roy L., to The Bendix Corp. Rapid slew initiation circuit. 3,202,987, 8–24–65, Cl. 343—9.

Brandhorst, Willem: *See—*
Kamminga, Heiko, and Brandhorst. 3,174,016.

Brandi, Otto H. Apparatus for supplying conditioned air at a predetermined over-pressure to a room from a corridor. 3,199,432, 8–10–65, Cl. 98—33.

Brandiff, John S.: *See—*
Du Brow, Paul L., and Brandiff. 3,178,366.

Brandl, Josef: *See—*
Boguslawski, Rudolf, and Brandl. 3,224,534.

Brandl, Robert J., Jr., and E. A. Grant, Jr., to Minnesota Mining and Mfg. Co. Lithographic printing plate and method of producing an image thereon. 3,168,864, 2–9–65, Cl. 101—149.2.

Brandmair, Franz, E. Kolbe, and W. Kunzer, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for purifying aqueous hydrochloric acid. 3,192,128, 6–29–65, Cl. 202—46.
Brandon, Chester, to General Precision, Inc. Wire stripping machine. 3,196,721, 7–27–65, Cl. 83—8.
Brandon, Clarence W., 12½% to O. B. Brandon, and 50% to N. A. Hardin, C. H. Newton, and H. H. Wright. Method for fluid pressure fracturing of formation and fluid recovery therefrom. 3,220,475, 11–30–65, Cl. 166—42.
Brandon, Clarence W., 5% to H. B. Jacobson, 12½% to O. Brandon, and 50% to N. A. Hardin, C. H. Newton, and H. H. Wright, jointly. Method for fluid pressure vibratory fracture of formations and fluid recovery therefrom. 3,220,476, 11–30–65, Cl. 166—42.
Brandon Equipment Co., Inc.: *See*—
Broling, Keith W. 3,209,706.
Brandon, James C., Jr., T. H. Frank, Jr., and R. H. Rahiser, to Magnetics, Inc. Method for encasing magnetic cores. 3,199,177, 8–10–65, Cl. 29—155.56.
Brandon, Orpha: *See*—
Brandon, Clarence W. 3,220,476.
Brandon, Orpha B.: *See*—
Brandon, Clarence W. 3,220,475.
Brandon, Richard N., and W. W. Solley, to Reynolds Metals Co. Carrying case for bottle cartons and the like. 3,184,095, 5–18–65, Cl. 220—21.
Brandon, Richard N., ¼0 to A. Jackson, Jr. Tape reel. 3,223,342, 12–14–65, Cl. 242—74.2.
Brandon, Skeavington H. Record keeping apparatus. 3,221,751, 12–7–65, Cl. 129—34.
Brandstetter, Edward. Toy automatic wing folding catapult plane. 3,222,817, 12–14–65, Cl. 46—80.
Brandstetter, Rudolph W.: *See*—
Hollenbeck, Clifford M., and Brandstetter. 3,168,449.
Brandt, Ake J. Slack adjuster. 3,194,358, 7–13–65, Cl. 188—196.
Brandt, Arthur A.: *See*—
Elliot, Charles L., Ott, Tuska, and Brandt. 3,214,686.
Brandt Automatic Cashier Co.: *See*—
Buchholz, Arnold R., and Anderson. 3,196,257.
Buchholz, Arnold R., Johnson, and Krause. 3,214,096.
Brandt, Carl R., R. A. Jankowicz, and R. B. Watrous, to Honeywell Inc. Recorder. 3,216,022, 11–2–65, Cl. 346—140.
Brandt, Edward A., and C. N. Drevalas, to Western Electric Co., Inc. Device for positioning flat articles. 3,225,635, 12–28–65, Cl. 83—268.
Brandt, Erwin L., to McGraw-Edison Co. Immersion heater mounting. 3,193,662, 7–6–65, Cl. 219—336.
Brandt, Franklin R., A. J. DeGlas, and C. W. Mann, to Dynamics Corp. of America. Ceramic ruggedized low frequency crystal unit. 3,221,189, 11–30–65, Cl. 310—9.1.
Brandt, Fritz O. Apparatus for testing the germination of seeds. 3,209,492, 10–5–65, Cl. 47—16.
Brandt, Glendon R., to Minnesota Mining and Mfg. Co. Molding apparatus. 3,183,554, 5–18–65, Cl. 18—26.
Brandt, Glendon R., to Minnesota Mining and Mfg. Co. Method of molding a film from a fluorine-containing resin. 3,184,525, 5–18–65, Cl. 264—127.
Brandt, Gotlieb H.: *See*—
Roberts, Webster C., and Brandt. 3,174,748.
Brandt, Gotlieb H., to Harris-Intertype Corp. Electrostatic sheet hold-down. 3,172,657. 3–9–65, Cl. 271—51.
Brandt, Harry, to California Research Corp. Method of improving electrical signal transmission in wells. 3,170,137, 2–16–65, Cl. 340—18.
Brandt, Harry, and E. R. Lind, to California Research Corp. Control method and system for downhole gas-air heater. 3,173,483, 3–16–65, Cl. 166—38.
Brandt, Harry, B. R. Treadway, and P. H. Parker, Jr., to California Research Corp. Consolidation of incompetent earth formations. 3,176,767, 4–6–65, Cl. 166—33.
Brandt, Harry, P. H. Parker, Jr., and B. R. Treadway, to California Research Corp. Sand consolidation. 3,176,768, 4–6–65, Cl. 166—33.
Brandt, Heinrich: *See*—
Arnold, Carl, and Brandt. 3,185,599.
Brandt, Helmut, to North American Philips Co., Inc. Dubbing circuits for magnetic recorders with means for reducing feedback. 3,223,790, 12–14–65, Cl. 179—100.2.
Brandt, Herbert, to Dr. Brandt Apparatebau Rothemuehle & Co. Automatic voltage control for electrical precipitators. 3,166,705, 1–19–65 Cl. 323—66.
Brandt, Herbert, to Apparatebau Rothemuhle Dr. Brandt & Co. Electrostatic precipitator. 3,174,263, 3–23–65, Cl. 55—112.
Brandt, Herbert, to Dr. Brandt Apparatebau Rothemuhle & Co. Regenerative heat exchangers. 3,181,601, 5–4–65, Cl. 165—4.
Brandt, Herbert. Method and apparatus for controlling the temperature and humidity of a regenerative air-heater. 3,183,961, 5–18–65, Cl. 165—2.
Brandt, Herbert, to Apparatebau Rothemuhle, Dr. Brandt & Co. Regenerative fluid heater. 3,191,666, 6–29–65, Cl. 165—4.
Brandt, Herbert. Heat exchangers. 3,203,472, 8–31–65, Cl. 165—10.
Brandt, James W., to Lovell Mfg. Co. Wringer. 3,224,237, 12–21–65, Cl. 68—257.
Brandt, Lawrence: *See*—
Trojanowski, George, and Brandt. 3,216,060.
Brandt, Mahlon W., to Dorr-Oliver Inc. Method and apparatus system for continuously washing and drying solid combustible material. 3,192,068, 6–29–65, Cl. 134—25.
Brandt, Maurice W., and C. R. Stoelting, to Stoelting Bros. Co. Apparatus for making a frozen aerated soft-serve product. 3,180,106, 4–27–65, Cl. 62—177.
Brandt, Milo O., to American Optical Co. Method and apparatus for forming a lens surface. 3,225,497, 12–28–65, Cl. 51—358.
Brandt, Omega Louis, & Frere S.A.: *See*—
Raval, Gaston. 3,222,860.
Brandt, Preston L., and J. Z. Matt, to Velsicol Chemical Corp. Formaldehyde-aromatic hydrocarbon condensation product prepared with a hydrocarbon sulfonic acid. 3,178,393, 4–13–65, Cl. 260—67.
Brandt, Richard W., Jr. Vibration generator. 3,220,268, 11–30–65, Cl. 74—87.
Brandt, Richard W., Jr. Belt drive for shaking device. 3,221,567, 12–7–65, Cl. 74—87.
Brandt, Roger, and C. H. Hartford, to American Can Co. Corona treating of shaped articles. 3,183,352, 5–11–65, Cl. 250—49.5.
Brandt, Roy G.: *See*—
Fabian, Zdenek, and Brandt. 3,180,525.
Brandt, Roy G., and Z. Fabian, to Oliver Corp. Seed planter. 3,182,863, 5–11–65, Cl. 222—328.
Brandt, Theodore C., and K. M. Hobbs, to General Electric Co. Air conditioning unit. 3,174,541, 3–23–65, Cl. 165—122.
Brandt, Virgil T. Buoyant swimming device. 3,170,175, 2–23–65, Cl. 9—337.
Brandt, Wilhelm, to Kalle Aktiengesellschaft. Manufacture of photo-sensitive films. 3,169,867, 2–16–65, Cl. 96—87.
Brandt, William E., to International Business Machines Corp. Error detecting and correcting circuit. 3,209,327, 9–28–65, Cl. 340—146.1.
Brandtjen, Henry A., Jr. Squeeze impact press for leaf stamping, embossing and the like. 3,166,009, 1–19–65, Cl. 101—10.
Brandts, Theodorus G., D. E. Helleur, R. M. Hopkins, and R. G. Boivin, to Consolidated Paper (Bahamas) Ltd. Fibrous products from barking waste. 3,224,925, 12–21–65, Cl. 162—93.
Brandwood, Grace: *See*—
Brandwood, Joseph and G. 3,202,404.
Brandwood, Joseph and G. Flow control devices in a carburetor. 3,202,404, 8–24–65, Cl. 261—39.
Branibar, Nick G.: *See*—
Sweet, Franklin T., and Branibar. 3,178,287.
Branibar, Nick G., to Minnesota Mining and Mfg. Co. Photographic stripping film. 3,168,402, 2–2–65, Cl. 96—83.
Branick, Charles E. Device for supporting tire casings in retreading molds. 3,192,570, 7–6–65, Cl. 18—45.
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Braun, James V., and W. S. Bacon, to United States of America, Air Force. Multiple propellent grain for rocket motors. 3,217,651, 11–16–65, Cl. 102—98.
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Braunagel, Magnus V., to Space Technology and Research Corp. Vibration proof switch with resilient beam-deflecting actuator structure. 3,196,221, 7–20–65, Cl. 200—11.
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Voorhees, Vanderveer. 3,170,881.
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Brayton, Paul R. Process for the production of heat-resistant pigments and paints containing said pigments. 3,167,516, 1–26–65, Cl. 252—301.1.
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Bredtschneider, Kurt B., to Crane Co. Renewable seat ring. 3,175,802, 3–30–65, Cl. 251—328.
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Bredtschneider, Kurt B., to Crane Co. Valve seats and mounting therefor. 3,204,924, 9–7–65, Cl. 251—174.
Bredtschneider, Kurt B., to Crane Co. Disc-stem connection for valves. 3,204,655, 9–7–65, Cl. 137—315.
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Bredtschneider, Kurt B., and G. H. Martin, to Crane Co. Renewable seat for globe valves. 3,204,930, 9–7–65, Cl. 251—361.
Breeback, Rudolph H., to Crown Cork & Seal Co., Inc. Apparatus for filling containers with carbonated liquid. 3,192,-966, 7–6–65, Cl. 141—56.
Breece, Lee K., Jr., to Resiflex Laboratory. Urinary device. 3,184,238, 7–13–65, Cl. 128—295.
Breece, Lee K., Jr., to Resiflex Laboratory. Pediatric urine collection means. 3,200,415, 8–17–65, Cl. 4—110.
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Breed, Carolyn E., to W. R. Grace & Co. Vinyl acetate emulsion. 3,164,562, 1–5–65, Cl. 260—29.6.
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Breed, Allen K. 3,171,245.
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Breeding, James H. Method of and apparatus for making ice cubes. 3,220,205, 11–30–65, Cl. 62—73.
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Breedveld, Cornelis, to Vereenigde Glasfabrieken (United Glassworks), N.V. Package for glasses or such fragile objects. 3,207,303, 9–21–65, Cl. 206—65.
Breen, Alvin L., to E. I. du Pont de Nemours and Co. Spinneret assembly. 3,188,689, 6–15–65, Cl. 18—8.
Breen, Alvin L., and H. G. Lauterbach, to E. I. du Pont de Nemours and Co. Textile product of synthetic organic filaments having randomly varying twist along each filament. 3,186,155, 6–1–65, Cl. 57—140.
Breen, Alvin L., and R. J. Covell, to E. I. du Pont de Nemours and Co. Process for preparing convoluted fibers. 3,219,-739, 11–23–65, Cl. 264—177.
Breen, Charles, and H. J. Michael, to Bell Telephone Laboratories, Inc. Direct station selection circuit. 3,210,475, 10–5–65, Cl. 179—18.
Breen, Frank J. Traverse louver for window openings and the like. 3,208,507, 9–28–65, Cl. 160—168.
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Breer, Karl, E. Weinbrenner, and P. Hoppe, ½ to Farbenfabriken Bayer Aktiengesellschaft and ½ to Mobay Chemical Co. Apparatus for mixing liquids. 3,169,833, 2–16–65, Cl. 23—252.
Breetvelt, Emile. Plate shearing machines. 3,213,732, 10–26–65. Cl. 83—196.
Breetz, Louis D., to United States of America, Navy. Multipolarized single element radiator. 3,172,111, 3–2–65, Cl. 343—730.
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Bregi, Benjamin F., to National Broach & Machine Co. Gear finishing machine with work transfer mechanism. 3,202,-057, 8–24–65, Cl. 90—1.6.
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Breihan, Roger R. Hot gas engine. 3,224,187, 12–21–65, Cl. 60—24.
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Breining, Elmer R., and W. M. Bolton, to Union Carbide Corp. Method of making pattern. 3,175,259, 3–30–65, Cl. 22—195.
Breisch, John H., and A. E. Biermann. Rotary lawn mower cutting unit. 3,203,161, 8–31–65, Cl. 56—295.
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Breitbach, Fritz, and K. Lorenz, to Carl Still Firma. Regenerative coke oven construction and means for controlling the fuel distribution therein. 3,183,175, 5–11–65, Cl. 202—144.
Breitbord, Jacob L., to Itek Corp. Electronic display system for use with photographic transparencies. 3,221,099, 11–30–65, Cl. 178—7.2.
Breitenbach, Karl H., and F. Kübler, to SKF Kugellagerfabriken Gesellschaft mit beschrankter Haftung. Drawing mechanism for a spinning machine. 3,225,392, 12–28–65, Cl. 19—267.
Breitengross, Richard A., Jr., and W. E. Donaldson, to United States of America, Navy. Method for suppressing rocket motor exhaust flame. 3,1655,896, 1–26–65, Cl. 60—35.6.
Breitenstein, Charles T., and N. A. Gecewicz, to Automatic Canteen Co. of America. Vending machine. 3,194,432, 7–13–65, Cl. 221—82.
Breithaupt, Joe J., to Collins Radio Co. Electronic display apparatus. 3,176,289, 3–30–65, Cl. 343—6.
Breithaupt, Richard L., and H. J. Thomas, to National Mine Service Co. Material haulage vehicle. 3,185,324, 5–25–65, Cl. 214—83.36.
Breithaupt, Robert C., to The Boeing Co. Dual-aperture omnidirectional antenna. 3,224,005, 12–14–65, Cl. 343—772.
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Brekelbaum, Erwin C., R. J. Bushong, and J. F. Krueck, to Koehring Co. Front end and overshot loader. 3,171,556, 3–2–65, Cl. 214—140.
Brekelbaum, Erwin C., R. J. Bushong, G. C. Noll, and G. B. Klos, to Koehring Co. Crane. 3,198,345, 8–3–65, Cl. 212—59.
Brekelbaum, Erwin C., R. J. Bushong, J. F. Krueck, and E. B. Williams, to Koehring Co. Front end and overshot loader. 3,203,564, 8–31–65, Cl. 214—140.
Brekell, Arne, and B. Skoglund, to Svenska Flaktfabriken, Aktiebolaget. Means for interconnecting adjacent wall sections. 3,175,652, 3–30–65, Cl. 189—36.
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Bremer, John W., and V. L. Newhouse, to General Electric Co. Cryogenic memory. 3,182,294, 5–4–65, Cl. 340—173.1.
Bremer, Robert D., to General Motors Corp. Domestic appliance. 3,213,522, 10–26–65, Cl. 29—155.63.
Bremer, Robert D., to General Motors Corp. Electric hot plate. 3,214,568, 10–26–65, Cl. 219—463.
Bremer, Robert D., and A. J. Sacksteder, to General Motors Corp. Method of welding. 3,188,447, 6–8–65, Cl. 219—118.
Bremer, Robert D., and H. E. Van Scoyk, to General Motors Corp. Method of forming solid plate cooking unit. 3,221,-396, 12–7–65, Cl. 29—155.5.
Bremkamp, Terrance L., to The Dow Chemical Co. Plastic film bread band. 3,182,893, 5–11–65, Cl. 229—87.
Bremmer, Bart J., to The Dow Chemical Co. Amine-halogenated polyphenyl reaction products. 3,164,634, 1–5–65, Cl. 260—570.5.
Bremmer, Bart J., to The Dow Chemical Co. Vinylcyclohexene monosulfide. 3,213,107, 10–19–65, Cl. 260—327.
Bremner, William C., and R. W. Weinberg, to Skinner Precision Industries, Inc. Magnetically operated valve. 3,203,-447, 8–31–65, Cl. 137—595.
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Brendel, Friedrich. Seat support. 3,203,661, 8–31–65, Cl. 248—399.
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Breneman, Walter E., to Borg-Warner Corp. Thermoelectric circuits. 3,171,261, 3–2–65, Cl. 62—3.
Breneman, Warren R., to Woodford Mfg. Co. Dock plate. 3,184,773, 5–25–65, Cl. 14—72.
Brenig, Theodor, to Hasler A.G. Werke fur Telephonie und Prazisions-mechanik. Multi-stage transistor amplifier with operating point stabilization. 3,168,706, 2–2–65, Cl. 330—18.
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Brennan, Harry M., J. R. Coley, C. G. Frye, and L. C. Gutberlet, to Standard Oil Co. Hydrocarbon conversion process, 3,182,097, 5–4–65, Cl. 260—683.65.
Brennan, Harry M., and M. J. Den Herder, to Standard Oil Co. Hydrocarbon conversion process. 3,214,366, 10–26–65, Cl. 208—110.
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Brennan, John B., to General Motors Corp. Multiple operation mode road vehicle control system. 3,195,672, 7–20–65, Cl. 180—82.1.
Brennan, John B., and W. L. Bleicher, to General Motors Corp. Liquid presence and temperature switch. 3,171,-934, 3–2–65, Cl. 200—138.
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Brenneke, Arthur M., to Perfect Circle Corp. Piston ring. 3,198,531, 8–3–65, Cl. 277—178.
Brenneman, Albert E., to Esso Research and Engineering Co. Method and apparatus for injecting auxiliary liquids into intake system of internal combustion engine. 3,173,408, 3–16–65, Cl. 123—119.
Brennemann, Andrew E., and N. H. Meyers, to International Business Machines Corp. Superconductive storage circuits. 3,196,408, 7–20–65, Cl. 340—173.1.
Brenner, Abe. Zipper foot device Re. 25,945, 12–14–65, Cl. 112—151.
Brenner, Arthur. Telescopic mounting for convex mirrors. 3,205,777, 9–14–65, Cl. 88—97.
Brenner, Bernard M., to Ampex Corp. Capstan servo system. 3,179,752, 4–20–65, Cl. 179—100.2.
Brenner, Dale E. Stair-climbing wheel chair. 3,196,970, 7–27–65, Cl. 180—8.
Brenner, Ivan G. Apparatus for producing a fibrous glass preform. 3,170,197, 2–23–65, Cl. 19—148.
Brenner, Ivan G. Method and means for producing fibrous articles. 3,177,275, 4–6–65, Cl. 264—128.
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Brenner, Max, and A. Niederwieser. Method for the selective performance of thin-layer chromatography and an apparatus for performing the same. 3,189,541, 6–15–65, Cl. 210—31.
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Brenner, Mortimer W., to Schwarz Laboratories, Inc. Enzymatic cleaning process. 3,220,928, 11–30–65, Cl. 195—2.
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Brenner, Norman N. Beverage cabinets. 3,216,775, 11–9–65, Cl. 312—236.
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Breslow, David S., to Hercules Powder Co. Cross-linking polymers. 3,211,752, 10–12–65, Cl. 260—349.
Breslow, David S., to Hercules Powder Co. Modifying hydrocarbon polymers. 3,220,985, 11–30–65, Cl. 260—79.3.
Breslow, David S., and H. M. Spurlin, to Hercules Powder Co. Cross-linking ethylene polymers. 3,203,936, 8–31–65, Cl. 260—79.3.
Breslow, David S., and H. M. Spurlin, to Hercules Powder Co. Cross-linking ethylene polymers. 3,203,937, 8–31–65, Cl. 260—79.3.
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Hechenbleikner, Ingenuin, Bresser, and Homberg. 3,217,-004.
Bressler, Wilbur L., and B. D. Davis, to The Dow Chemical Co. Rigid polyether type polyurethane cellular plastic materials. 3,219,598, 11–23–65, Cl. 260—2.5.
Bressoud, Charles J., to American Air Filter Co., Inc. Unit ventilator. 3,193,000, 7–6–65, Cl. 165—16.
Brethen, Chester A. Tape dispenser. 3,197,104, 7–27–65, Cl. 226—67.
Bretherick, Leslie, to The British Petroleum Co. Ltd. Molybdenum compounds and lubricating compositions containing them. 3,184,410, 5–18–65, Cl. 252—42.7.
Bréting, Olivier. Fuel injectors for internal combustion engines. 3,175,771, 3–30–65, Cl. 239—533.
Bretl, Robert J., to R. J. Enstrom Corp. Control system for yaw control rotors of helicopters. 3,211,235, 10–12–65, Cl. 170—160.46.
Breton, Ernest J., to E. I. du Pont de Nemours, and Co. Colored metal-glass composites. 3,165,821, 1–19–65, Cl. 29—182.5.
Breton, Ernest J., to E. I. du Pont de Nemours and Co. Corrosion-inhibited metal-glass. 3,205,566, 9–14–65, Cl. 29—182.5.
Bretscher, Max, to Albiswerk Zurich A.G. Device in searching and tracking radar systems for automatically initiating the tracking operation. 3,168,732, 2–2–65, Cl. 343—7.3.

Bretsznajder, Stanislaw, to Instytut Chemii Ogolnej. Method of preparing silica-free aluminum sulphate solution. 3,226,189, 12–28–65, Cl. 23—123.
Bretsznajder, Stanislaw, J. Porowski, and J. Lis, to Instytut Chemii Ogolnej. Method of obtaining pure aluminum ammonium alum. 3,226,186, 12–28–65, Cl. 23—118.
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Brett, Perry A., to Bellco Glass, Inc. Parabiotic chamber apparatus for cell culture studies. 3,221,878, 12–7–65, Cl. 210—94.
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Hannicq, Jacques G. L., and Brette. 3,174,136.
Brette, Yves-Jean F., to Compagnie des Machines Bull (Societe Anonyme). Method of and means for neutralizing inductive disturbances in magnetic reproducers. 3,165,592, 1–12–65, Cl. 179—100.2.
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Bretting, Jork, and H. J. Griem, to Telefunken Patentverwertungs-G.m.b.H. Focussing system for an electron beam incorporating axially magnetized annular magnets. 3,188,533, 6–8–65, Cl. 317—200.
Brettrager, Henry J. Slide and way construction. 3,212,827, 10–19–65, Cl. 308—3.
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Breuning, Robert. Clamping band for wooden railway sleepers. 3,210,815, 10–12–65, Cl. 24—20.
Breuning, Robert. Adjustable tool mounting arrangement, especially for use in a boring bar. 3,213,717, 10–26–65, Cl. 77—58.
Breuninger, E., K.G.a.A.: *See*—
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Yeo, Alan A., and Mowll. 3,184,406.
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Brewer, Claire N., to International Typographical Union of North America. Apparatus for effecting alternate operation of the shift and unshift keys of a tape perforating machine. 3,194,493, 7–13–65, Cl. 234—23.
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Brewer, Hazel D.: *See*—
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Brewster, Phillip W., and R. E. Emond, to Esso Research and Engineering Co. Production of a fertilizer pellet containing an active fertilizer ingredient in a hydrocarbon solid. 3,219,433, 11–23–65, Cl. 71—64.
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Brichard, Edgard, to Glaverbel, S.A. Intermediate frame for double glass panels. 3,183,560, 5–18–65, Cl. 20—56.5.
Brichard, Edgard, to Glaverbel. Method of and balance for the periodically repeated weighing of a predetermined quantity of material. 3,202,230, 8–24–65, Cl. 177—64.
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Bricout, Constant, to Les Applications Technique Industrielles L.A.T.I. Feeding of air for combustion in supercharged internal combustion engines. 3,186,388, 6–1–65, Cl. 123—75.
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Ueda, Kenichi, Onishi, Yoshimoto, Hosono, and Maeda. 3,170,905.
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Brightman, Barrie, to General Dynamics Corp. Signaling generator. 3,164,681, 1–5–65, Cl. 179—84.

Brightman, Barrie, J. G. Pearce, and M. P. Tubinis, to General Dynamics Corp. Electronic switching telephone system. 3,176,077, 3–30–65, Cl. 179—18.

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Brightman, Barrie, and J. C. Perkins, Jr., to General Dynamics Corp. High-speed time division multiplex transmission system. 3,226,709, 12–28–65, Cl. 340—347.

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Brill, Edward F., to Allis-Chalmers Mfg. Co. Structural features of MHD electrical power generator. 3,215,871, 11–2–65, Cl. 310—11.

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Briney, Ottis R., Jr. 3,208,445.

Briney, Ottis R., Jr., to Briney Mfg. Co. Diamond dresser arm assembly. 3,208,445, 9–28–65, Cl. 125—11.

Brinich, Paul F., and J. R. Jack, to United States of America, National Aeronautics and Space Administration. Electrothermal rockets having improved heat exchangers. 3,210,-927, 10–12–65, Cl. 60—35.5.

Brink, David E.: *See*—
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Brink, David L., to Weyerhaeuser Co. Method for fractionating aqueous extracts from barks of trees. 3,189,596, 6–15–65, Cl. 260—209.

Brink, Einar S. Extinguishing ash tray. 3,196,882, 7–27–65, Cl. 131—236.

Brink, Robert V. Portable water softener. 3,204,770, 9–7–65, Cl. 210—282.

Brink, Virginia M.: *See*—
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Brinkel, Arthur B., Jr.: *See*—
Freed, Jacob B., and Brinkel. 3,211,475.

Brinkel, Edwin P., and D. B. Abbott, to Ross Operating Valve Co. Electrical connector. 3,173,736, 3–16–65, Cl. 339—176.

Brinker, Emil F., and D. P. Fitzsimmons, deceased (by M. E. Fitzsimmons, executrix), to Westinghouse Air Brake Co. Automatic control system for railway classification yards. 3,226,541, 12–28–65, Cl. 246—182.

Brinker, John H., to The Globe-Wernicke Co., a division of Globe-Wernicke Industries, Inc. Filing drawer construction. 3,179,480, 4–20–65, Cl. 312—214.

Brinker, Keith C., and C. E. Schweitzer, to E.I. du Pont de Nemours, and Co. Stabilized polyoxymethylene. 3,183,211, 5–11–65, Cl. 260—67.
Brinkerhoff, Joris M., to Laboratory for Electronics, Inc. Narrow band X-ray detector. 3,176,130, 3–30–65, Cl. 250—51.5.
Brinkerhoff, Joris M., to Laboratory for Electronics, Inc. System for recognition of particular distributions of pulses repesenting an input waveform. 3,185,926, 5–25–65, Cl. 324—77.
Brinkman, Earl W., and R. A. Lee, to Davenport Machine Tool Co., Inc. Indicia rolling attachment in screw machines. 3,205,813, 9–14–65, Cl. 101—7.
Brinkman, John A., C. J. Meechan, and H. M. Dieckamp, to North American Aviation, Inc. Method for artificial synthesis of diamonds. 3,175,885, 3–30–65, Cl. 23—209.1.
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Brinkmann, Harry A. C. Tenpin. 3,224,770, 12–21–65, Cl. 273—82.
Brinster, John F., to General Devices, Inc. Transistorized voltage regulator. 3,214,668, 10–26–65, Cl. 318—345.
Brinster, John F., and W. C. Johnson, to General Devices, Inc. Multiple output sequential signal source. 3,209,264, 9–28–65, Cl. 328—58.
Brinton, David B. Educational testing system. 3,186,109, 6–1–65, Cl. 35—9.
Briolini, Enzo, to Polysius G.m.b.H. Crusher. 3,186,651, 6–1–65, Cl. 241—186.
Brisbin, Richard F., and J. H. McSkimming, to Highway Equipment Co. Fertilizer wagon. 3,184,243, 5–18–65, Cl. 275—6.
Briscoe, George H., to Lacy-Hulbert and Co. Ltd. Vane-type rotary air pumps. 3,201,033, 8–17–65, Cl. 230—152.
Briscoe, Josiah A., to Imperial Chemical Industries Ltd. Rotating tools and grinders mounted on revolving toolholder for cutting artificial filaments. 3,218,898, 11–23–65, Cl. 83—174.
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Brisse, William C., to Laconia Malleable Iron Co., Inc. Ground anchoring system. 3,186,523, 6–1–65, Cl. 189—2
Brisson, Louis C. Lever actuated brake. 3,184,010, 5–18–65, Cl. 188—78.
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Huge, Ernest C., and Brister. 3,196,842.
Brister, Paul M., O. R. Carpenter, G. F. Friese, J. F. Harvey, and J. W. Leonard, Jr., to The Babcock & Wilcox Co. Pressure vessel construction. 3,221,925, 12–7–65, Cl. 220—73.
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Fisher, William T. 3,173,520.
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Bristol Aeroplane Plastics Ltd.: *See*—
Baker, William A., Shoemack, and Richens. 3,201,298.
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Bristol Co., The: *See*—
Blakeslee, Clinton A. 3,189,910.
Blakeslee, Clinton A., and Kintzer. 3,192,534.
Madeux, Robert S. 3,199,722.
Virbila, William C. 3,208,465.
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Bristol, Edward S., to Leeds and Northrup Co. Methods and systems for control of generating units with minimum steam losses. 3,210,555, 10–5–65, Cl. 290—40.
Bristol-Myers Co.: *See*—
Cheney, Lee C., and Godfrey. 3,202,653.
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Johnson, David A., and Hardcastle. 3,221,046.
Johnson, David A., and Hardcastle. 3,225,033.
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Juby, Peter F. 3,225,058.
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Perron, Yvon G. 3,202,654.
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Davies, John E. 3,220,808.
Denning, Ralph M., and Lane. 3,211,401.
Davis, Robert H., and Dakin. 3,176,540.
Denning, Ralph M., Lewis, Gardiner, and Davis. 3,186,-661.
Eccles, Edward S., and Seymour. 3,208,269.
Gardiner, Terence E. G., and Sargent. 3,180,085.
Gough, Peter J. C., and Hall. 3,226,592.
Hall, John W. 3,214,998.
Lewis, Gordon M., and Clark. 3,220,669.
Lewis, Gordon M., and Wibault. 3,191,886.
Marchant, Francis C. I. 3,180,087.
Marchant, Francis C. I., and Blackman. 3,209,535.
Marchant, Francis C. I., Clark, and Jaggard. 3,193,217.
Marchant, Francis C. I., and Jaggard. 3,206,929.
Marchant, Francis C. I., Robinson, Brena, and Pizzarello. 3,173,628.
Mordell, Donald L. 3,204,403.
Orchard, Peter F., and Williams. 3,181,293.
Osborne, Leonard A., and Rivers. 3,185,605.
Saville, Harold, and Dakin. 3,203,178.
Seymour, Donald G. 3,169,747.
Snell, Leonard S. 3,216,675.
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Vinton, David S., Bristow, and Winters. 3,184,919.
Bristow, Robert H., to General Electric Co. Ceramic articles and methods of making. 3,167,438, 1–26–65, Cl. 106—46.
Bristow, William T., Jr. Erection apparatus. 3,211,427, 10–12–65, Cl. 254—89.
Britain, J W., to Mobay Chemical Co. Polyurethane plastics made with a triol bearing strictly secondary hydroxyl groups. 3,216,973, 11–9–65, Cl. 260—77.5.
Brite, Alan D. Process for cleaning ovens. 3,196,046, 7–20–65, Cl. 134—22.
Brite, Daniel W., and K. R. Sump, to United States of America, Atomic Energy Commission. Fabrication of shapes by pneumatic impaction. 3,213,163, 10–19–65, Cl. 264—.5.
Brite Mfg. Co.: *See*—
Harris, Robert I. 3,217,867.
British Aircraft Corp. Ltd.: *See*—
Jacob, John E. B., and Sowerby. 3,181,467.
British Aircraft Corp. (Operating) Ltd.: *See*—
Crowfoot, Francis R. 3,197,159.
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British Aluminium Co. Ltd., The: *See*—
Amstein, Edmund H. 3,177,084.
Ayers, Peter. 3,203,470.
Mann, Ralph J., Alford, and Krzesinski. 3,167,385.
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Hallsworth, Arnold. 3,195,913.
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Adams, Winfred J., Ellis, Petrow, and Stuart-Webb. 3,170,935.
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Feather, Peter, and Petrow. 3,164,617.
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Skrimshire, Gerald E. H., and Hooke. 3,168,407.
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Hinds, Ronald. 3,212,531.
British Internal Combustion Engine Research Institute, Ltd., The: *See*—
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Baker, Peter N. 3,192,751.
Baker, Peter N. 3,197,863.
Black, James C. W., Lawson, and Dobson. 3,197,339.
Burns, Charles. 3,176,306.
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Sturgeon, George M. 3,181,977.
Wilson, Ian. 3,190,098.
Wistreich, John G. 3,175,382.
Wistreich, John G., and Baker. 3,167,978.
British Nylon Spinners Ltd.: *See*—
Carter, John A. 3,193,535.
Clemo, Philip F., Briggs, Wilson, and Carter. 3,185,672.
Iwnicki, Kurt, and Miller. 3,167,846.
Iwnicki, Kurt, and Miller. 3,200,467.
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Thomas, James F., and Wood. 3,172,249.
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British & Overseas Minerals Ltd.: *See*—
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Burden, Clive A., and Wylie. 3,205,339.
Freeth, William E., and Mitchell. 3,221,136.
Garrett, Michael E. 3,209,552.
Garrett, Michael E. 3,221,511.
King, Charles H. 3,205,067.
Molnar, William. 3,191,795.
Swan, Allan H. B., and Waller. 3,164,714.
Tomkins, Alan G. 3,191,843.
White, Gerald A., and Baxter. 3,164,149.
British Petroleum Co. Ltd., The: *See*—
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Bourne, Kenneth H., and Holmes. 3,215,751.
Champagnat, Alfred. 3,186,922.
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Demeester, Jacques. 3,205,167.
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Demeester, Jacques. 3,218,251.
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Goble, Anthony G., Haresnape, and O'May. 3,218,267.
Hambling, James K., and Alderson. 3,207,812.
Haresnape, John N., and White. 3,167,499.
Holbourne, Peter G. 3,187,557.
Hyde, John W. 3,208,932.
Lacey, Richard N., Yeo, and Mowll. 3,201,490.
Pitkethly, Robert C., and Holmes. 3,215,640.
Richards, William G., and Burton. 3,195,624.
Rowland, John, and Knight. 3,190,830.
Sparke, Maurice B., and Wenham. 3,205,282.
Tucker, Maurice J., and Williams. 3,213,964.
Wenham, Alan J. M., and Sparke. 3,202,691.
Wilsdon, Ronald D., and Rendle. 3,167,039.
Yeo, Alan A., and Hambling. 3,176,048.
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British Ship Research Association, The: *See*—
Anderson, Alexander E. 3,208,213.
Brown, Thomas W. F. 3,194,222.
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Houlton, George A. A. 3,197,229.
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Clark, Thomas H. 3,225,342.
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Ancrum, Robert W., and Evans. 3,203,881.
Arkless, Kenneth, and Cole. 3,188,178.
Callow, Alan E., and Groves. 3,174,873.
Callow, Alan E., and Harris. 3,169,380.
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Groves, James D. 3,215,496.
Hansford, Kenneth R., Roberts, Evans, and Hughes. 3,195,981.
Hughes, William, and Brown. 3,185,398.
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Coe, Frank R. 3,176,500.
Britt, Howard B., to Combustion Engineering, Inc. Thermocouple and thermometer well. 3,174,340, 3–23–65, Cl. 73—343.
Britt Tech Corp.: *See*—
Norstrud, Iven R., and Threlkeld. 3,195,556.
Britt, Walter W. Fishing reel with means limiting unwinding. 3,176,929, 4–6–65, Cl. 242—84.1.
Brittain, Edward G., and W. A. Stein, to Aerojet-General Corp. Signal control apparatus. 3,182,227, 5–4–65, Cl. 317—142.
Brittain, Francis H., to Hazeltine Research, Inc. Loudspeaker. 3,200,900, 8–17–65, Cl. 181—32.
Brittain, Thomas P., and R. N. Roley. Apparatus for anchoring, mooring, towing or otherwise securing or attaching a line to a boat. 3,166,038, 1–19–65, Cl. 114—230.
Brittan, John L. Computer. 3,209,471, 10–5–65, Cl. 35—48.
Britten, George C., to Injecticon International, Inc. Apparatus for molding hollow articles. 3,187,381, 6–8–65, Cl. 18—5.
Britten, Harold H.: *See*—
Cutler, John H., and Britten. 3,218,567.
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Hubbard, Charles L., Charske, and Britton. 3,175,638.
Britton, Donald H., W. A. Hoyer, and R. C. Rumble, to Esso Production Research Co. Temperature stabilized radiation detectors. 3,192,725, 7–6–65, Cl. 62—3.
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Britton, Edgar C., and F. L. Beman, to The Dow Chemical Co. Process for separating dichlorobenzene isomers. 3,170,961, 2–23–65, Cl. 260—650.
Britton, Gene W., to Phillips Petroleum Co. Pitch recovery and its utilization in a cracking process. 3,200,062, 8–10–65, Cl. 208—87.
Brixey, John C., Jr., to Texas Instruments Inc. Method of making transistor. 3,210,225, 10–5–65, Cl. 148—187.
Brixey, William H. Telemetering system for use with telegraph transmission. 3,201,755, 8–17–65, Cl. 340—151.
Brixite Ltd.: *See*—
Williams, William T. 3,217,069.
Brixner, Lothar H., to E. I. du Pont de Nemours and Co. Thermoelectric compositions of $Ta_x W_{1-x} Se_2$. 3,197,410, 7–27–65, Cl. 252—62.3.
Brixner, Lothar H., to E. I. du Pont de Nemours and Co. Thermoelectric compositions and methods of preparing same. 3,208,947, 9–28–65, Cl. 252—62.3.
Brixner, Lothar H., to E. I. du Pont de Nemours, and Co. Thermoelectric compositions and process for producing same. 3,223,640, 12–14–65, Cl. 252—62.3.
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Broaddus, Charles D., to The Procter & Gamble Co. Process for isomerizing the double bond of straight chain terminal monolefins. 3,185,744, 5–25–65, Cl. 260—683.2.
Broadfoot, John T., 45% to Roger L. Culbertson. Deformable-hose fluid pump. 3,180,272, 4–27–65, Cl. 103—149.
Broadhead, James H., J. E. Hamilton, and L. E. Martine, to Utility Tool Co. Apparatus for making an annular cut in a cylindrical-like article. 3,222,961, 12–14–65, Cl. 82—70.2.
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Broadhead, Ronald L., to Standard Oil Co. Alkyd resin with fungicidal property. 3,179,608, 4–20–65, Cl. 260—22.
Broadhead, Ronald L., to Standard Oil Co. Method of polishing leather. 3,183,119. 5–11–65, Cl. 117—142.
Broadhead, Samuel L., Jr., to Collins Radio Co. Transistorized noise pulse blanking network including feedback means. 3,167,721, 1–26–65, Cl. 330—19.
Broadhead, Samuel L., Jr., to Collins Radio Co. Frequency discriminator circuit. 3,204,190, 8–31–65, Cl. 329—119.
Broadhead, Samuel L., Jr., to Collins Radio Co. Digital stabilized master oscillator with auxiliary high frequency loop. 3,212,023, 10–12–65, Cl. 331—11.
Broadhead, Samuel L., Jr., D. L. Fredrickson, and R. G. Vinson, to Collins Radio Co. SSB-FM detector. 3,182,261, 5–4–65, Cl. 325—315.
Broadhead, Samuel L., Jr., and J. F. McInerney, to Collins Radio Co. Synchronous communication system. 3,217,255, 11–9–65, Cl. 325—64.
Broadley, Ezra R., to Wharfedale Wireless Works Ltd. Loudspeaker assembly. 3,187,832, 6–8–65, Cl. 181—31.
Broadley, Robert D., and L. F. Kells, to Allied Chemical Corp. Compositions of fluorocarbons. 3,173,872, 3–16–65, Cl. 252—67.
Broadrick, Lawson K. Container stand and cart. 3,188,109, 6–8–65, Cl. 280—47.26.
Broadway, Ralph H., to C. S. Pruscha, and E. C. Berg. Divided lane highway guard. 3,185,445, 5–25–65, Cl. 256—13.1.
Broadwell, Robert J., to Maremont Corp. Load-supporting damper unit. 3,173,671, 3–16–65, Cl. 267—64.
Broadwin, Samuel. Centrifugal freeze drying apparatus. 3,203,108, 8–31–65, Cl. 34—58.
Broadwin, Samuel M. Apparatus for shell freezing of heat sensitive liquids. 3,199,216, 8–10–65, Cl. 34—92.
Broatch, William N., T. W. Liddle, and K. J. Brimley, to Imperial Chemical Industries Ltd. Melt spinning process. 3,193,516, 7–6–65, Cl. 260—29.1.

Brocard, Jean M. R. Lift modification for aircraft. 3,184,-185, 5–18–65, Cl. 244—42.
Broce, Thomas C., to International Business Machines Corp. Electronic circuit for complementing binary coded decimal numbers. 3,207,888, 9–21–65, Cl. 235—174.
Broch, Frederick J. Remote-controlled lock. 3,188,129, 6–8–65, Cl. 292—341.16.
Brochetti, Raymond E. Injection molding machine. 3,204,-294, 9–7–65, Cl. 18—30.
Brochier, Pierre, R. Kloos, and J. H. Cocquart, to Compagnie des Machines Bull (Societe Anonyme). Modular package unit for electrical components. 3,225,260, 12–21–65, Cl. 317—101.
Brociner, Ronald E., and V. H. Miller, to English Clays Lovering Pochin & Co. Ltd. Method of drying an insoluble particulate material. 3,186,102, 6–1–65, Cl. 34—10.
Brock, Bert D., to Thompson Ramo Wooldridge Inc. Electrical connection utilizing tamped gold foil. 3,205,297, 9–7–65, Cl. 174—68.5.
Brock, Carl M., R. F. Drees, and J. F. Smith, to E. I. du Pont de Nemours and Co. Preparation of 1,1-difluoroethane. 3,190,930, 6–22–65, Cl. 260—653.6.
Brock, Charles R., and R. J. Cyr, to Bendix Corp. Underwater telephone. 3,218,607, 11–16–65, Cl. 340—5.
Brock, Edward I., to Brockstone Chemical Co. Timed spray unit. 3,172,604, 3–9–65, Cl. 239—70.
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Brock, Frank M., and L. A. Manaresi, to Radio Corp. of America. Polarity responsive switching circuit for reducing decision ambiguity. 3,210,570, 10–5–65, Cl. 307—88.5.
Brock, Gordon R., to Sterling Precision Corp. Bracket for holding fire extinguishers. 3,194,529, 7–13–65, Cl. 248—313.
Brock, Henry W.: *See*—
Reid, James S., and Brock. 3,188,062.
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Brock and Rankin, Inc.: *See*—
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Brocken, Karl, to Anfinsen Plastic Molding, Inc. Pouring spout and cover therefor. 3,201,011, 8–17–65, Cl. 222—473.
Brockett, Bruce W., to The National Cash Register Co. Minute color-forming capsules and record material provided with such. 3,179,600, 4–20–65, Cl. 252—188.3.
Brockett, Halford E., to Continental Can Co., Inc. Aluminum containing seal liners for beer containers and like substances. 3,195,754, 7–20–65, Cl. 215—39.
Brockett, Halford E., to Continental Can Co., Inc. Three-piece easy opening crown cap closure. 3,199,705, 8–10–65, Cl. 215—46.
Brockett, Jay K., and W. B. Handwerk, to Crose-Perrault Equipment Corp. Apparatus for internally cleaning and coating pipe. 3,164,491, 1–5–65, Cl. 118—72.
Brockett, Peter C., to Laboratory for Electronics, Inc. Timing circuit. 3,192,449, 6–29–65, Cl. 317—142.
Brockhage, Donald J. Lever releasable closure for bottles or the like. 3,197,056, 7–27–65, Cl. 215—46.
Brocklander, Leroy H. Offset design instrument. 3,195,233, 7–20–65, Cl. 33—1.
Brocklebank, Norman, and G. Scott, to Priestman Bros. Ltd. Excavators. 3,169,649, 2–16–65, Cl. 214—138.
Brocklebank, Norman, and G. Scott, to Priestman Bros. Ltd. Boom construction for a mechanical excavator. 3,173,561, 3–16–65, Cl. 214—138.
Brocklebank, Norman, R. Wardill, and G. Scott, to Priestman Brothers Ltd. Mechanical excavators. 3,189,203, 6–15–65, Cl. 214—138.
Brockman, Arthur C. Resilient bushing structure. 3,182,-986, 5–11–65, Cl. 267—1.
Brockman, Francis J., and G. H. Segall, to Canadian Industries Ltd. Stable coating compositions comprising polyepoxide, carboxyl-containing copolymer and tertiary amine catalyst. 3,179,714, 4–20–65, Cl. 260—837.
Brockman, Frank G., and P. W. Beck, to North American Philips Co., Inc. Temperature-independent transducer. 3,209,181, 9–28–65, Cl. 310—26.
Brockman, Henry E.: *See*—
Beale, Julian R. A., Brockman, and Krebs. 3,164,501.
Brockman, Lyle: *See*—
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Brockman, Lyle, to General Signal Corp. Car retarder control system. 3,200,246, 8–10–65, Cl. 246—182.
Brockstone Chemical Co.: *See*—
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Brockway Glass Co., Inc.: *See*—
McMeekin, James H. 3,196,550.
Robertson, Leon F. and James. 3,193,268.
Weber, Neill. 3,218,220.
Brockway, Marion C., to United States of America, Atomic Energy Commission. Graphite dispersion. 3,173,973, 3–16–65, Cl. 264—21.
Brode, Gerald D., to International Business Machines Corp. Signal translating apparatus. 3,183,366, 5–11–65, Cl. 307—88.5.
Brode, Gerald D., and T. D. Ward, to International Business Machines Corp. Monostable transistor trigger having both transistors normally biased in the non-conducting state. 3,215,852, 11–2–65, Cl. 307—88.5.
Brodeck, John. Collapsible cart. 3,207,526, 9–21–65, Cl. 280—36.
Broder, Alan, and H. H. Wakeland, to Sperry Rand Corp. Fluid pressure vibration detector. 3,164,821, 1–5–65, Cl. 340—236.
Broder, Leonard, deceased, by P. L. Kennedy, administrator, to T. W. Becker, Jr. Electrical connector. 3,204,212, 8–31–65, Cl. 339—14.
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Lawson, Willard W., Penuel, Freebourn, and Sieber. 3,204,519.
Broderick, Edward: *See*—
Osborn, Stephen W., and Broderick. 3,213,108.
Broderick, Frank W. Transfer roll. 3,167,850, 2–2–65, Cl. 29—121.
Broderick, John E., and O. M. Behr, to Martin-Marietta Corp. Method of contouring a honeycomb core. 3,225,582, 12–28–65, Cl. 72—373.
Broderick, John F.: *See*—
Tompkins, Norman G., and Broderick. 3,217,642.
Broderick, John P.: *See*—
Schilling, Donald C., Lohnes, and Broderick. 3,190,560.
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Brodersen, Rolf K., to General Precision Inc. Optical phase sensitive incremental encoder. 3,192,393, 6–29–65, Cl. 250—235.
Brodersen, Rolf K., to General Precision Inc. Electromagnetic transducers. 3,192,495, 6–29–65, Cl. 336—135.
Brodersen, Rolf K., to General Precision Inc. Transformer torquer. 3,214,717, 10–26–65, Cl. 336—135.
Brodesser, Rudolf. Collapsible clothes hanger. 3,214,071, 10–26–65, Cl. 223—89.
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Brodie, Kenneth G., to The Singer Co. Floor polishing and scrubbing machines with liquid dispensers. 3,224,023, 12–21–65, Cl. 15—50.
Brodl, Edward J., H. L. Dobrikin, and V. Mastis, to Berg Airlectro Products Co. Manual release structure. 3,167,-973, 2–2–65, Cl. 74—547.
Brodman, Bruce W., and J. Radell, to United States of America, Army. Urea inclusion compounds of N-alkyl oxiranes. 3,219,654, 11–23–65, Cl. 260—96.5.
Brodoway, Nicolas, to E. I. du Pont de Nemours and Co. Polymers of 3-alkenyloxy-1,2-epithiopropane. 3,222,324, 12–7–65, Cl. 260—79.7.
Brodoway, Nicolas, to E. I. du Pont de Nemours and Co. Sulfur curable elastomeric polymers of epithiohydrocarbons. 3,222,325, 12–7–65, Cl. 260—79.7.
Brodoway, Nicolas, to E. I. du Pont de Nemours and Co. Polymers of alkylene thioethers. 3,222,326, 12–7–65, Cl. 260—79.7.
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Brodrick, Merrill S. Method of feeding dairy cows. 3,168,-888, 2–9–65, Cl. 119—51.
Brodrick, Merrill S. Agricultural dairy establishment. 3,225,739, 12–28–65, Cl. 119—27.
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Brodt, Burton P., and S. G. Smth, to E. I. du Pont de Nemours and Co. Polyethylene-encapsulated product and method of making same. 3,179,637, 4–20–65, Cl. 260—79.5.
Brodt, Rudolf, and E. Bronder, to Hooker Chemical Corp. Method for forming insulating coatings on metal surfaces. 3,214,302, 10–26–65, Cl. 148—6.15.
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Brody, Herbert M., to General Electric Co. Refrigeration system including charge checking means. 3,200,605, 8–17–65, Cl. 62—129.
Broekhuysen, William C., to G-V Controls Inc. Vibration suppression. 3,171,923, 3–2–65, Cl. 200—122.
Broekhuysen, William C., to G-V Controls Inc. Thermostat having motion amplification and shock resistance. 3,184,-571, 5–18–65, Cl. 200—138.
Broekhuysen, William C., to G-V Controls Inc. Electro-thermal control device. 3,196,234, 7–20–65, Cl. 200—122.
Broerman, Arthur B., and B. O. Ayers, to Phillips Petroleum Co. Chromatographic method and apparatus. 3,167,946, 2–2–65, Cl. 73—23.1.
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Broerman, William E.: *See*—
Noel, William J. 3,221,779.
Broersma, Robert J., to B & B Engineering Co. Method for filling a container. 3,195,283, 7–20–65, Cl. 53—21.
Brogan, Daniel J. Method of determining vanadium. 3,167,-394, 1–26–65, Cl. 23—230.
Brogan, Thomas R., to Avco Corp. Anisotropic wall structure. 3,178,596, 4–13–65, Cl. 310—11.
Brogan, Thomas R., to Avco Corp. Electromagnet. 3,183,381, 5–11–65, Cl. 310—11.

Brogan, Thomas R., to Avco Corp. Magnetohydrodynamic apparatus for generating electrical energy. 3,210,576, 10–5–65, Cl. 310—11.

Brogden, Michael E., G. Milnes, and H. Pinkerton, to Imperial Chemical Industries Ltd. Purification process for crude dinitrotoluenes. 3,221,064, 11–30–65, Cl. 260—645.

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Brogren, Axel V., to Parsons Corp. Process of manufacturing rocker arm. 3,194,200, 7–13–65, Cl. 113—116.

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Van Duuren, Hendrik C. A., and Brok. 3,192,317.

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Brokaw, Adrian P., to Dresser Industries, Inc. Acoustic velocity logging system and computer. 3,177,467, 4–6–65, Cl. 340—18.

Brokaw, Adrian P., to Dreser Industries, Inc. Remote control system for well logging instruments. 3,195,105, 7–13–65, Cl. 340—18.

Brokaw, Robert W., to General Electric Co. Control unit structure. 3,168,683, 2–2–65, Cl. 317—119.

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Brokke, Mervin E., to Stauffer Chemical Co. 2-(trifluorobutenylmercapto)-pyrimidines. 3,223,707, 12–14–65, Cl. 260—251.

Brokop, Alfred, to Container Corp. of America. Collapsible service tray. 3,201,024, 8–17–65, Cl. 229—30.

Broling, Keith W., to Brandon Equipment Co., Inc. Adjustable tie anchor. 3,209,706, 10–5–65, Cl. 105—369.

Bromann, Albert H., Jr. Door for refrigerator and the like. 3,175,254, 3–30–65, Cl. 20—19.

Brombaugh, John B., to D. H. Baldwin Co. Mounting means for a diode assembly. 3,179,855, 4–20–65, Cl. 317—101.

Brombaugh, John B., to D. H. Baldwin Co. Transducer and mounting for mechanical delay lines. 3,189,686, 6–15–65, Cl. 179—1.

Bromberg, Louis. Article for smoking. 3,219,041, 11–23–65, Cl. 131—10.

Bromer, Henry E., Jr., and A. L. Kranzfelder, to Eli Lilly and Co. Process for the preparation of β-chloropropionic acid. 3,188,344, 6–8–65, Cl. 260—539.

Bromfield, Morton S., and J. D. Ferner. Apparatus for treating shoe uppers. 3,220,033, 11–30–65, Cl. 12—1.

Bromfield, Morton S., and J. D. Ferner. Process for mulling shoe uppers. 3,220,036, 11–30–65, Cl. 12—142.

Bromley, Kenneth W., to General American Transportation Corp. Carrying cases for bottles. 3,178,052, 4–13–65, Cl. 220—102.

Bromley, Kenneth W., to General American Transportation Corp. Containers for egg cartons, or the like. 3,220,603, 11–30–65, Cl. 220—83.

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Bronikowski, Raymond J., to McGraw-Edison Co. Component for preventing arc-erosion in the terminal structure of a fused cutout. 3,188,432, 6–8–65, Cl. 200—127.

Brons, Charles D., W. W. Gaither, and L. J. Rousseau, to United States of America, Atomic Energy Commission. Portable electric welder. 3,194,937, 7–13–65, Cl. 219—60.

Bronson, John C., to United States of America, Atomic Energy Commission. Liquid level capacitance probe. 3,167,695, 1–26–65, Cl. 317—246.

Bronson, Robert W., and N. D. Korbitz, to Texas Instruments Inc. Method of making glass sealed electric circuit devices and article resulting therefrom. 3,183,361, 5–11–65, Cl. 250—239.

Bronson Specialties, Inc.: *See*—
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Bronson, Walter W. Temperature measuring and recording apparatus. 3,190,120, 6–22–65, Cl. 73—343.5.

Bronstein, Jacob, to United States of America, Air Force. Voltage-controlled attenuator. 3,215,927, 11–2–65, Cl. 323—93.

Bronstert, Franz, H. Bode, H. Haebler, and H.-G. Lindenberg, to VARTA Aktiengesellschaft. Apparatus for forming, charging and discharging the electrode plates of a storage battery with an acid electrolyte. 3,166,447, 1–19–65, Cl. 136—82.

Bronte, William H., and S. E. Lingenfelter, to Corrobilt Container Co. Method of constructing a corrugated container. 3,185,045, 5–25–65, Cl. 93—36.

Bronte, William H., and S. E. Lingenfelter, to Corrobilt Container Co. Bottom unloading container assembly and method for unloading containers. 3,207,412, 9–21–65, Cl. 229—17.

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Braun, Adolph, and Skrapits. 3,199,322.

Brook, David H. Self-locking safety bolt. 3,195,599, 7–20–65, Cl. 151—7.

Brook, Geoffrey J., to General Motors Corp. Control linkage. 3,180,175, 4–27–65, Cl. 74—476.

Brook, James E., to The Bendix Corporation. Modulator for low magnitude voltage signals. 3,193,783, 7–6–65, Cl. 332—52.

Brook, James E., to The Bendix Corp. Frequency compensated phase clock. 3,221,242, 11–30–65, Cl. 321—57.

Brook, James E., to The Bendix Corp. Emitter follower transistor amplifier. 3,223,938, 12–14–65, Cl. 330—32.

Brook Koolair Corp.: *See*—
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Brooke, Frank W. Method and apparatus for pre-conditioning metal charge materials. 3,180,724, 4–27–65, Cl. 75—13.

Brooke, Jesse M., to Phillips Petroleum Co. Regeneration of spent nickel catalyst. 3,172,863, 3–9–65, Cl. 252—415.

Brooke, Jesse M., to Phillips Petroleum Co. Process for removal of entrained moisture from hydrocarbons. 3,215,-619, 11–2–65, Cl. 208—188.

Brooke, Wendell C., to Atlantic Electronics Corp. Toroid winding machine. 3,210,021, 10–5–65, Cl. 242—4.

Brooke, Wilfrid, and H. Howe. Electric control devices. 3,177,419, 4–6–65, Cl. 318—513.

Brokenhagen, Alfred E., and D. A. Grube. Device for dispensing material from a collapsible tube. 3,219,238, 11–23–65, Cl. 222—100.

Brooker, Carl F., Jr.: *See*—
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Brooker, Eva. Safety net for diaper tables. 3,188,984, 6–15–65, Cl. 108—26.

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Brooker, Leslie G. S., and F. G. Webster, to Eastman Kodak Co. Merocyanine and holopolar dyes containing arylenechain substitution. 3,194,805, 7–13–65, Cl. 260—240.

Brookey, Andrew C. Nutcracker. 3,223,133, 12–14–65, Cl. 146—16.

Brookfield, William B. Viscometer. 3,169,392, 2–16–65, Cl. 73—59.

Brooking, Donald R. Apparatus washer. 3,181,541, 5–4–65, Cl. 134—186.

Brooking, Rowland A., to Elliott (Treforest) Ltd. Mass flow sensing units. 3,177,712, 4–13–65, Cl. 73—231.

Brookins, Roy G., and R. E. Hiler. Dust cover. 3,168,209, 2–2–65, Cl. 220—24.

Brookman, Glennon L., and D. E. Neely, to Shepard Engineering Co. Self-propelled merry-go-round for children. 3,210,-075, 10–5–65, Cl. 272—33.

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Brooks, Charles P. Pipe coupling. 3,214,199, 10–26–65, Cl. 285—189.

Brooks, Chester E., G. B. Crofutt, and W. C. Sand, to Bell Telephone Laboratories, Inc. Speech transmission through telephone ringing circuit. 3,165,590, 1–12–65, Cl. 179—84.

Brooks, David N.: *See*—
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Brooks, Donald H., to International Protected Metals, Inc. Method of forming a resin coating on metal. 3,167,442, 1–26–65, Cl. 117—21.

Brooks, Donald H., to International Protected Metals, Inc. Process for coating an article in an aerated bed of particles. 3,196,033, 7–20–65, Cl. 117—21.

Brooks, Donald H., to International Protected Metals, Inc. Coating continuous material. 3,197,324, 7–27–65, Cl. 117—21.

Brooks, Donald H., to International Protected Metals, Inc. Fluidized bed dispenser. 3,199,923, 8–10–65, Cl. 302—29.

Brooks, E. J., Co.: *See*—
Brooks, Winfred M. 3,172,692.
Brooks, Winfred M., and Moberg. 3,167,340.
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Brooks, Eugene H., to Continental Gin Co. Lint cotton cleaner with by-pass. Re. 25,780, 5–18–65, Cl. 19—203.

Brooks, Eugene T., and J. A. La Monica, to Crane Co. Pump. 3,185,101, 5–25–65, Cl. 103—111.

Brooks, Forrest E., to Radio Corp. of America. Dynamic focus circuit. 3,177,396, 4–6–65, Cl. 315—31.

Brooks, Forrest E., to Radio Corp. of America. Vertical deflection circuit for television receivers. 3,179,842, 4–20–65, Cl. 315—27.

Brooks, Forrest E., and C. C. Iden, to Radio Corp. of America. High voltage transformer and rectifier tube with direct connection therebetween. 3,201,730, 8–17–65, Cl. 336—107.

Brooks, Frank P. Low temperature refrigerator. 3,222,877, 12–14–65, Cl. 62—6.

Brooks, Frank W., to General Motors Corp. Fluid reservoir for a master cylinder assembly. 3,216,198, 11–9–65, Cl. 60—54.6.

Brooks, Frank W., and J. O. Helvern, to General Motors Corp. Power brake booster. 3,172,335, 3–9–65, Cl. 91—369.

Brooks, Fred A., Jr., and J. G. Richardson, to Esso Production Research Co. Well treatment to remove permeability block. 3,185,217, 5–25–65, Cl. 166—42.

Brooks, Gary, to Eastman Kodak Co. Solid, vitamin E-active product and process for making it. 3,173,838, 3–16–65, Cl. 167—81.

Brooks, Gene A.: *See*—
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Brooks, George W., to United States of America, National Aeronautics and Space Administration. Impact simulator. 3,196,690, 7–27–65, Cl. 73—432.
Brooks, Harold, A. R. G. Brown, K. S. Jepson, and G. I. Lewis, to National Research Development Corp. Titanium alloys. 3,199,980, 8–10–65, Cl. 75—175.5.
Brooks, James D., and R. J. Harrisson, to Commonwealth Scientific and Industrial Research Organization. Method and apparatus for dealkylating and hydrogenation of organic compounds. 3,202,664, 8–24–65, Cl. 260—290.
Brooks, James F.: *See*—
Stubblefield, Thomas A. 3,197,990.
Brooks, Joseph D. L.: *See*—
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Waterman, Raymond R., Morris, and Brooks. 3,206,417.
Brooks, Lionel H.: *See*—
Lloyd, James E., and Brooks. 3,192,010.
Brooks, Louis E.: *See*—
Kauer, George C., Jr., and Brooks. 3,175,572.
Brooks, Maxwell J., and R. I. Newman, to Allied Chemical Corp. Zinc calcine for hydrometallurgical process. 3,181,-944, 5–4–65, Cl. 75—9.
Brooks, Melvin H. Sound therapy device. 3,167,871, 2–2–65, Cl. 35—35.
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Brooks, Robert F.: *See*—
Walker, Robert G., and Taylor. 3,189,967.
Brooks, Sheldon C., to Tri-State Display, Inc. Display stand. 3,190,454, 6–22–65, Cl. 211—71.
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Brooks, Thomas W. Building construction. 3,165,110, 1–12–65, Cl. 135—1.
Brooks, William, to Lockheed Aircraft Corp. Analog-to-digital converter. 3,170,153, 2–16–65, Cl. 340—347.
Brooks, William, to Lockheed Aircraft Corp. Variable inductors. 3,176,218, 3–30–65, Cl. 323—85.
Brooks, William, to Lockheed Aircraft Corp. Electroluminescent display panels. 3,182,415, 5–11–65, Cl. 40—130.
Brooks, William B., and L. Maynard, to Thiokol Chemical Corp. Sliver Inserter. 3,207,476, 9–21–65, Cl. 254—126.
Brooks, Winfred M., to E. J. Brooks Co. Shackle seal. 3,172,-692, 3–9–65, Cl. 292—311.
Brooks, Winfred M., and S. M. Moberg, to E. J. Brooks, Co. Shackle seals. 3,167,340, 1–26–65, Cl. 292—311.
Brooksbank, Wallace R. Endless belt and method of making. 3,217,555, 11–16–65, Cl. 74—232.
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Oldweiler, Morey E., Moore, and Brookshire. 3,190,867.
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Broomall, Robert M., to The J. H. Day Co. Vertical mixer construction. 3,224,744, 12–21–65, Cl. 259—102.
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Rosenblatt, David H., and Broome. 3,183,250.
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Broome, Thorne K.: *See*—
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Gardiner, Paul C., Jewett, and Broomell. 3,225,325.
Broomhall, Gordon E., to Hughes Aircraft Co. Sweep protection circuit. 3,164,746, 1–5–65, Cl. 315—20.
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Brophy, James J., to IIT Research Institute. Electrostatic reproducing apparatus. 3,202,973, 8–24–65, Cl. 340—173.
Bros Inc.: *See*—
Ferris, Edmund A. 3,183,650.
Brosch, Walter R: *See*—
Larrick, Howard M., and Brosch. 3,167,755.
Brose, Horace B. Tire repair insert. 3,174,525, 3–23–65, Cl. 152—370.
Broseke, John H. Brake having concentrically mounted shoes. 3,205,978, 9–14–65, Cl. 188—78.
Brosk, Doris A. Combined garment hanger, holder, doll and book. 3,205,614, 9–14–65, Cl. 46—116.
Broske, William F., to AMP Inc. Device for facilitating the removal of explosive cartridges. 3,171,224, 3–2–65, Cl. 42—1.
Broske, William F., to AMP Inc. Explosive shell for powder actuated tool. 3,173,369, 3–16–65, Cl. 102—38.
Broske, William F., to AMP Inc. Explosive device to force a wedge into a clamp for clamping cables. 3,212,534, 10–19–65, Cl. 140—113.
Broske, William F., to AMP Inc. Jamming feature. 3,212,-535, 10–19–65, Cl. 140—113.
Broske, William F., and W. E. Jaycox, to AMP Inc. Explosively-actuated crimping tool. 3,187,500, 6–8–65, Cl. 60—26.1.
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Bross, Helmut K., 50% to F. T. Johmann. Container for fluids with reserve space. 3,167,056, 1–26–65, Cl. 120—42.16.
Bross, Helmut K., 33⅓% to F. T. Johmann. Writing instrument. 3,174,462, 3–23–65, Cl. 120—42.13.
Bross, Helmut K., 50% to Frank T. Johmann. Closure means. 3,181,741, 5–4–65, Cl. 222—517.
Bross, Helmut K., ⅓ to Frank T. Johmann. Closure means. 3,193,154, 7–6–65, Cl. 222—207.
Bross, Helmut K., 50% to Frank T. Johmann. Closure means. 3,199,748, 8–10–65, Cl. 222—517.
Bross, Helmut K., 33⅓ to F. T. Johmann. Vibrating massage device with wobbling magnet. 3,220,405, 11–30–65, Cl. 128—24.1.
Bross, Helmut K., 33⅓% to F. T. Johmann. Writing instrument. 3,223,072, 12–14–65, Cl. 120—42.03.
Bross, Warren C.: *See*—
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Brossard, Frank I. Reading stand. 3,167,036, 1–26–65, Cl. 108—4.
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Brosseau, Victor N. Tackle boxes. 3,182,872, 5–11–65, Cl. 224—5.
Brosseit, Fritz V., to Western Electric Co., Inc. Apparatus for loading parts in cans. 3,163,927, 1–5–65, Cl. 29—203.
Brosseit, Fritz V., to Western Electric Co., Inc. Forming and trimming die. 3,195,581, 7–20–65, Cl. 140—71.
Brossi, Arnold, and H. Bruderer, to Hoffmann-La Roche Inc. 1-phenyl-4-pyridylethyl-piperazines. 3,177,219, 4–6–65, Cl. 260—268.
Brossi, Arnold, O. Schnider, and H. Bruderer, to Hoffmann-La Roche Inc. β-2-oxy-1,2,3,4,6,7-hexahydro-11bH-benzo [a]quinolizines and processes therefor. 3,209,005, 9–28–65, Cl. 260—288.
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Brown, Frank R., I. J. Grabel, and S. D. Rubenstein, to Premium Engineering Co. Inc. Toy vehicle explodable on contact with an object. 3,176,429, 4–6–65, Cl. 46—17.
Brown, Frederick C., and P. B. Mauer, to Eastman Kodak Co. Articles of hot pressed zinc sulphide having a durable metal film coated thereon. 3,202,825, 8–24–65, Cl. 250—216.
Brown, Gaylord W., to Brown Machine Co. of Michigan, Inc. Container making methods and apparatus. 3,216,874, 11–9–65, Cl. 156—69.
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Brown, George A., to Merck & Co., Inc. Method of continuously casting thermoelectric material. 3,170,205, 2–23–65, Cl. 22—200.1.
Brown, George E., Jr. Disposable windshield canopy. 3,214-, 216, 10–26–65, Cl. 296—95.
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Brown, George L., to C. P. Clare & Co. Damped electrical relay. 3,190.995, 6–22–65, Cl. 200—166.
Brown, George M. Investment molding. 208,115, 9–28–65, Cl. 22—193.
Brown, George N., to E. I. du Pont de Nemours and Co. Solids flow equalizer. 3,208,737, 9–28–65, Cl. 259—180.
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Brown, George R., and E. J. Fry, to Yarnall-Waring Co. Control torque and motion device through a wall. 3,183,-727, 5–18–65, Cl. 74—17.8.
Brown, George T. Foldable table-seat combination. 3,174,-796, 3–23–65, Cl. 297—159.
Brown, George T., Jr., J. A. Bakan, and D. J. Striley, to The National Cash Register Co. Magnetic recording medium utilizing microscopic capsules containing, magnetic material. 3,221,315, 11–30–65, Cl. 340—174.1.
Brown, Gerald, to Westinghouse Electric Corp. Method and apparatus for making a harness for electrical apparatus. 3,194,279, 7–13–65, Cl. 140—92.1.
Brown, Gerald F.: *See*—
Derrington, Bernard L., and Brown. 3,222,070.
Brown, Gordon F., and J. K. Mosher, to Schulz Tool and Mfg. Co. Liquid flow control system and by-pass valve. 3,172,-420, 3–9–65, Cl. 137—219.
Brown, Gordon F., and J. K. Mosher, to Schulz Tool and Mfg. Co. Plug-in valve. 3,186,426, 6–1–65, Cl. 137—315.
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Brown, Harold, Co.: *See*—
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Brown, Harold M., and G. L. James, to The Magnavox Co. Tire vehicle pressure alarm system. 3,215,978, 11–2–65, Cl. 340—58.
Brown, Harry K.: *See*—
Brown, Charles R. and H. K. 3,204,776.
Brown, Harry W., to Cutler-Hammer, Inc. Three position electric switch with aligned contact bearing surfaces. 3,196,220, 7–20–65, Cl. 200—6.
Brown, Harry W., Sr., to The National Acme Co. Spindle center and driver. 3,177,745, 4–13–65, Cl. 82—40.
Brown. Harry W., Sr., to The National Acme Co. Hydraulic feed mechanism with means to control same. 3,183,534, 5–18–65, Cl. 10—105.
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Brown, Harry W., Sr., and G. Markevich, to The National Acme Co. Taper threading device. 3,188,666, 6–15–65, Cl. 10—96.
Brown, Hart. Apparatus and method to check performance of certain electronic counting systems. 3,171,952, 3–2–65, Cl. 235—92.
Brown, Helen P.: *See*—
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Brown, Henry. D. H. Becking, and R. M. Stevenson, to The Udylite Research Corp. Electrodeposition of nickel. 3,220,-940, 11–30–65, Cl. 204—49.
Brown, Herbert C.: *See*—
Brown, Charles A., and Brown. 3,180,710.
Brown, Herbert C. Isomerization of internal olefins to terminal olefins. 3,173,967, 3–16–65, Cl. 260—683.2.
Brown, Herbert L., Jr., and J. D. Helms, to Texas Instrument Inc. Apparatus for use with a credit card. 3,184,-714, 5–18–65, Cl. 340—149.
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Flamm, Irving S., and Brown. 3,175,748.
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Brown, Horace D., to Merck & Co., Inc. 5-ether and 5-thioether-2-heterocyclic benzimidazoles. 3,183,239, 5–11–65, Cl. 260—302.
Brown, Horace D., and L. H. Sarett, to Merck & Co., Inc. Anthelmintic compositions and method of using same. 3,192,108, 6–29–65, Cl. 167—53.
Brown, Horace D., and L. H. Sarett, to Merck & Co., Inc. N-acyl-2-halophenyl benzimidazoles. 3,192,227, 6–29–65, Cl. 260—309.2.
Brown, Howard L., to Walker Mfg. Co. Muffler manufacturing method. 3,209,438, 10–5–65, Cl. 29—157.
Brown, Howard L., and H. A. Callendar, to Walker Mfg. Co. Exhaust system. 3,209,787, 10–5–65, Cl. 138—114.
Brown, Irving, to United States of America, Army. Automatic maintenance circuit. 3,219,913, 11–23–65, Cl. 323—23.
Brown, Issac T., and H. F. Adebahr, to P. Lorillard Co. Device for cutting and supplying filter plugs. 3,165,953, 1–19–65, Cl. 83—102.
Brown, Ivan H., and R. H. Gordon, to Gordon-Brown Co. Magnet control circuit. 3,175,129, 3–23–65, Cl. 317—123.
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Brown, James D. Compartment lid holder for automobiles. 3,180,668, 4–27–65, Cl. 292—276.
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Brown, James K., to Sam'l Bingham's Son Mfg. Co. Method of making a printer's roller. 3,184,355, 5–18–65, Cl. 156—154.
Brown, James K., to Betz Laboratories, Inc. Corrosion inhibition for flowing steam and condensate lines. 3,203,904, 8–31–65, Cl. 252—392.
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Brown, James M., to Bell Telephone Laboratories, Inc. Dynamically balanced telephone network. 3,178,521, 4–13–65, Cl. 179—170.
Brown, James R. Apparatus for providing hot and cold beverages and for selectively dispensing same in motor vehicles. 3,168,914, 2–9–65, Cl. 141—59.
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Brown, James R., Jr., and J. D. Wallace, to United States of America, Navy. Annular electrostrictive transducer. 3,166,730, 1–19–65, Cl. 340—10.
Brown, James W.: *See*—
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Brown, Jerome E., to E. G. De Witt, and H. Shapiro, to Ethyl Corp. Preparation of cyclopentadienyl co-ordination compounds of groups VIII and IB metals. 3,185,718, 5–25–65, Cl. 260—439.
Brown, Joe R., to C. C. Brown. Well anchor comprising pressure operated means engaging the expanding means for preventing movement thereof because of pressure surges inside inner conduit. 3,211,233, 10–12–65, Cl. 166—216.
Brown, Joe R., to C. C. Brown. Automatic latch. 3,211,-479, 10–12–65, Cl. 285—360.
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Brown, John A., to Esso Research and Engineering Co. Preparation of hydrazine boranes. 3,166,377, 1–19–65, Cl. 23—14.
Brown, John C. and C. I. Steam iron holder. 3,173,640, 3–16–65, Cl. 248—117.2.
Brown, John J., and S. Bernstein, to American Cyanamid Co. 19-norandrostadienes and method of preparing the same. 3,211,764, 10–12–65, Cl. 260—397.45.
Brown, John R. Implement cultivating shank mounting. 3,189,102, 6–15–65, Cl. 172—266.
Brown, John S., to United States of America, Army. Rope coupling. 3,201,838, 8–24–65, Cl. 24—125.
Brown, John W., Jr., A. C. Buesing, and F. T. Kaiser, to Brown Fintube Co. Method of introducing addition agent into a melt. 3,224,051, 12–21–65, Cl. 22—215.
Brown, Joseph D. Folding chair. 3,197,253, 7–27–65, Cl. 297—36.
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Brown, Joseph P., to Monsanto Chemicals Ltd. New quinazolines. 3,165,519, 1–12–65, Cl. 260—256.4.
Brown, Joseph P., to Monsanto Chemicals Ltd. Methylene-bis(2-guanidino-4-methylquinazoline). 3,177,218, 4–6–65, Cl. 260—256.4.
Brown, Joseph P., to Monsanto Chemicals Ltd. Heptyloxyphenyl biguanide compounds. 3,222,398, 12–7–65, Cl. 260—565.
Brown, Joseph W., to Pressure Castings, Inc. Apparatus for placing and trimming packing inserts and the like. 3,173,190, 3–16–65, Cl. 29—33.
Brown, Joseph W., to Pressure Castings, Inc. Method for placing and trimming packing inserts and the like. 3,173,695, 3–16–65, Cl. 277—1.
Brown, Joshua R. C., and J. W. Thomas, to Whirlpool Corp. Apparatus for controlling carbon dioxide content of an atmosphere. 3,203,771, 8–31–65, Cl. 23—281.
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Brown, Kenard D. Pump and control therefor. 3,204,861, 9–7–65, Cl. 230—92.
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Brown, Kenard D. Liquid pump for deep wells. 3,225,697, 12–28–65, Cl. 103—25.
Brown, Kenneth G. W. Reciprocatory engines and pumps. 3,207,138, 9–21–65, Cl. 123—50.
Brown, Kenneth M., to Universal Oil Products Co. Hydrogen sulfide removal. 3,205,164, 9–7–65, Cl. 208—236.
Brown, Kenneth R., and C. I. Crawford, to Ferranti, Ltd. Comparator gauges. 3,191,311, 6–29–65, Cl. 33—169.
Brown, Lark O. Carcass saw blade. 3,171,457, 3–2–65, Cl. 146—129.
Brown, Laurence R., to Drexel Dynamic Corp. Automatic character readout system. 3,167,741, 1–26–65, Cl. 340—146.3.
Brown, Laurence R. Silent magnetically operated snap-action electric switch. 3,170,999, 2–23–65, Cl. 200—67.
Brown, Laurence R. Marking spreader. 3,198,383, 8–3–65, Cl. 222—1.
Brown, Lawrence E., and B. C. Morley, to Varian Associates. Cavity resonator with means for locking tuning plunger. 3,207,017, 9–21–65, Cl. 333—83.
Brown, Lemual G. Solar operated louver apparatus. 3,177,367, 4–6–65, Cl. 250—237.
Brown, Lemual G. Grille or screen. 3,187,857, 6–8–65, Cl. 189—82.
Brown, Lemual G. Grille or screen. 3,191,729, 6–29–65, Cl. 189—82.
Brown, Leslie K., to Lesbro Engineering Products (Proprietary) Ltd. Filling valve for bottling liquids. 3,207,188, 9–21–65, Cl. 141—39.
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Brown, Lloyd H., to The Quaker Oats Co. Process of forming a foundry mold with an acid curable binder. 3,184,814, 5–25–65, Cl. 22—193.
Brown, Lloyd H., to The Quaker Oats Co. Method for manufacturing foundry cores and molds. 3,216,075, 11–9–65, Cl. 22—194.
Brown, Lloyd H., and D. D. Watson, to The Quaker Oats Co. Process of producing a foundry core composition. 3,168,489, 2–2–65, Cl. 260—21.
Brown, Lloyd H., and D. D. Watson, to The Quaker Oats Co. Foundry core binder and process for preparation thereof. 3,168,490, 2–2–65, Cl. 260—29.4.
Brown, Lloyd H., and J. W. Hill, to The Quaker Oats Co. Process for producing alkyltin compounds. 3,211,769, 10–12–65, Cl. 260—429.7.
Brown, Lloyd R., to Electro-Mechanical Research Inc. Phase code detecting systems having phase-locked loops. 3,181,122, 4–27–65, Cl. 340—170.
Brown, Lloyd R., to Electro-Mechanical Research, Inc. Pulse code detecting systems. 3,206,681, 9–14–65, Cl. 325—321.
Brown, Lloyd R., to Electro-Mechanical Research, Inc. Frequency modulated signalling system having detachable components for the phase-locked loop detector. 3,218,610, 11–16–65, Cl. 340—171.
Brown, Louise H., and R. Swidler, to Armour and Co. Vinyl aryl stearates and polymers thereof. 3,179,641, 4–20–65, Cl. 260—87.1.
Brown, Lynn E., Jr. Laterally interlocked containers. 3,194,426, 7–13–65, Cl. 220—23.4.
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Brown, Marvin A., E. M. Deters, and J. E. Youch, to Red Jacket Mfg. Co. Header construction for underground storage tank. 3,172,572, 3–9–65, Cl. 222—109.
Brown, Marvin A., and E. M. Deters, to Red Jacket Mfg. Co. Motor control box. 3,175,125, 3–23–65, Cl. 317—99.
Brown, Marvin A., and J. P. Dries, to Red Jacket Mfg. Co. Method of making stators. 3,175,277, 3–30–65, Cl. 29—155.5.
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Brown, Michael P., H. B. Silver, A. E. Dann, and B. J. Ayres, to United States Borax and Chemical Corp. Boron compounds. 3,201,464, 8–17–65, Cl. 260—551.
Brown, Michael P., and H. B. Silver, to United States Borax & Chemical Corp. Cyclic aminoborane compounds. 3,201,465, 8–17–65, Cl. 260—551.
Brown, Milton, to The Bendix Corp. Display apparatus having drum indicators controlled by individual synchronous motors. 3,184,731, 5–18–65, Cl. 340—315.
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Brown, Milton G., and F. Platner, to Armstrong Cork Co. Shaping tool for cellular polystyrene. 3,196,586, 7–27–65, Cl. 51—394.
Brown, Milton T., to Display Corp. of America. Versatile sample carrier. 3,197,101, 7–27–65, Cl. 224—45.
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Brown, Morton, to E. I. du Pont de Nemours and Co. Substituted acetonitriles and their synthesis. 3,214,428, 10–26–65, Cl. 260—251.
Brown, Murrel A., to Dow Corning Corp. Organopolysiloxane isocyanate composition for imparting scuff resistance and water repellency to leather. 3,179,713, 4–20–65, Cl. 260—825.
Brown, Murrel A., to Dow Corning Corp. White water repellent. 3,215,664, 11–2–65, Cl. 260—41.
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Brown, Ned C. L., to General Signal Corp. Automatic car retarder control system. 3,200,245, 8–10–65, Cl. 246—182.
Brown, Neil. Collapsible frame. 3,169,544, 2–16–65, Cl. 135—5.
Brown, Neil F., M. W. Lutz, and H. J. Kimmerle, to G. H. Tennant Co. Scrubbing machine. 3,197,798, 8–3–65, Cl. 15—320.
Brown, Noel E., to Avco Corp. Automatic signal level discriminator. 3,177,377, 4–6–65, Cl. 307—88.5.
Brown, Noel E., to Avco Corp. Amplitude noise control gate. 3,191,124, 6–22–65, Cl. 325—478.
Brown, Norman F., to Otis Engineering Corp. Gravity operated Kelly foot valve. 3,191,905, 6–29–65, Cl. 251—149.5.
Brown, Norman F., to Otis Engineering Corp. Check valve for use in a tubular flow conductor. 3,200,837, 8–17–65, Cl. 137—496.
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Brown, Paul L., and J. F. Hyde, to Dow Corning Corp. Silicon-bonded polyhydrocarbonoxy organopoly-silioxanes and one-component room temperature cured compositions containing said organopolysiloxanes and condensation catalysts. 3,170,894, 2–23–65, Cl. 260—46.5.

Brown, Ray. Energy-absorbing headrest for motor vehicle seats. 3,205,005, 9–7–65, Cl. 297—397.
Brown, Raymond D., to Royal Business Forms Inc. Machine for and method of accounting. 3,202,349, 8–24–65, Cl. 234—45.
Brown, Raymond E., and T. A. Crugnale. Foul detecting system with transistor output switch. 3,170,689, 2–23–65, Cl. 273—50.
Brown, Raymond L., and D. F. Downey, to Electrolux Corp. Method of making a vacuum cleaner hose. 3,211,599, 10–12–65, Cl. 156—143.
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Brown, Renee P., R. H. Dyer, W. W. Mayes, and P. D. Meek, to Cosden Oil & Chemical Co. Combined masterbatch prepolymerization feed for suspension polymerization. 3,188,364, 6–8–65, Cl. 260—880.
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Brown, Richard J., and R. E. Andeen, to Sperry Rand Corp. Self-adaptive control system. 3,216,676, 11–9–65, Cl. 244—77.
Brown, Richard L., to United States of America, National Aeronautics and Space Administration. Gimbaled, partially submerged rocket nozzle. 3,208,215, 9–28–65, Cl. 60—35.55.
Brown, Richard W., to Honeywell Inc. Control apparatus. 3,194,296, 7–13–65, Cl. 158—122.
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Brown, Robert J. S., and J. E. Coolidge, ½ to Borg-Warner Corp., and ½ to California Research Corp. Penetration control for nuclear magnetism well logging. 3,199,022, 8–3–65, Cl. 324—.5.
Brown, Robert J. S., and J. E. Coolidge, to Borg-Warner Corp., and California Research Corp. Amplifier input control circuits. 3,204,178, 8–31–65, Cl. 324—.5.
Brown, Robert J. S., H. C. Torrey, and J. Korringa, to California Research Corp. Methods for investigating the properties of fluid (materials) within porous media. 3,213,356, 10–19–65, Cl. 324—.5.
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Brown, Robert N., C. R. A. Johnson, and A. E. Paschkis, to Leeds and Northrup Co. Multiple-point recorders. 3,195,141, 7–13–65, Cl. 346—61.
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Brown, Roger W., to Pneumo Dynamics Corp. Stock reel. 3,166,963, 1–26–65, Cl. 82—38.
Brown, Roger W., to Pneumo-Dynamics Corp. Multiple spindle cam shaft lathe. 3,180,188, 4–27–65, Cl. 82—3.
Brown, Roger W., S. G. Moss, and P. P. Matthews, to Pneumo Dynamics Corp. Automatic thread chasing mechanism. 3,209,628, 10–5–65, Cl. 82—5.
Brown, Ronald W., and W. Earhart, to The Trane Co. Induction unit. 3,198,246, 8–3–65, Cl. 165—35.
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Browning, Edgar P., and Brown. 3,182,777.
Brown, Roy L., to Westinghouse Electric Corp. Shielding means for electrical apparatus. 3,183,462, 5–11–65, Cl. 336—84.
Brown, Roy L., to Westinghouse Electric Corp. Magnetic core structures. 3,201,733, 8–17–65, Cl. 336—217.
Brown, Russell, and R. Brown. Drive-in food tray. 3,194,186, 7–13–65, Cl. 108—46.
Brown, Russell A., to General Electric Co. Electric controller. 3,198,987, 8–3–65, Cl. 317—13.
Brown, Russell H.: *See*—
Kawahara, Fred K., and Brown. 3,206,493.
Brown, Ruth: *See*—
Brown, Russell and R. 3,194,186.
Brown, Sally N. Dry mops. 3,196,475, 7–27–65, Cl. 15—228.
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Brown, Silas A., to Buckbee-Mears Co. Photoprinting apparatus. 3,199,430, 8–10–65, Cl. 95—73.
Brown, Silas A., to Buckbee-Mears Co. Forming dome-shaped mesh. 3,213,658, 10–26–65, Cl. 72—47.
Brown, Smith H., and A. J. Gursey. Coordinate positioning and measuring apparatus. 3,177,585, 4–13–65, Cl. 33—1.
Brown, Stanley C.: *See*—
Alexander, John O., Hargreaves, and Brown. 3,173,191.
Brown Steel Tank Co.: *See*—
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Brown, Steffen A. Centrifugal switch embodying magnets. 3,194,914, 7–13–65, Cl. 200—80.
Brown, Stewart S. Kindergarten rest mat. 3,222,695, 12–14–65, Cl. 5—344.
Brown, Sylvester C.: *See*—
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Brown, Terence J., R. D. E. Eldred, and W. A. North, to United Shoe Machinery Corp. Machines for vulcanizing soles onto shoe bottoms. 3,203,049, 8–31–65, Cl. 18—17.
Brown, Thoburn C., to Clark Equipment Co. Joint for metal floor sections and the like. 3,197,934, 8–3–65, Cl. 52—595.
Brown, Thomas C. Automatic variable pitch propeller. 3,204,702, 9–7–65, Cl. 170—160.53.
Brown, Thomas H., to The Smith and Winchester Mfg. Co. Paper trimming machine and anti-backlash positional servo system therefor. 3,193,745, 7–6–65, Cl. 318—29.
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Brown, Thomas T., to Electrokinetics, Inc. Electrokinetic apparatus. 3,187,206, 6–1–65, Cl. 310—5.
Brown, Thomas T., to Electrokinetics, Inc. Electric generator. 3,196,296, 7–20–65, Cl. 310—11.
Brown, Thomas W. F., to The British Ship Research Association. Mechanism for controlling the rate of rise of pressure and the maxium pressures in highly-rated internal combustion engines. 3,194,222, 7–13–65, Cl. 123—33.
Brown, Vada L., Jr., and T. E. Stanin, to Eastman Kodak Co. N-substituted derivatives of 3-azabicyclo[3.2.2]nonane. 3,173,909, 3–16–65, Cl. 260—239.
Brown, Wallace H.: *See*—
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Brown, Walter V., to Brown Steel Tank Co. Disconnectible coupling. 3,168,906, 2–9–65, Cl. 137—627.5.
Brown, Walter V., to Brown Steel Tank Co. Rotary fluid device. 3,191,541, 6–29–65, Cl. 103—136.
Brown, Walter V., to Brown Steel Tank Co. Pump regulating system. 3,205,823, 9–14–65, Cl. 103—3.
Brown, Walter W., M. E. Gottfredson, and R. O. Pabst, to Pacific States Cast Iron Pipe Co. Enameling composition and method of application. 3,178,323, 4–13–65, Cl. 148—134.
Brown, Warren D. Apparatus for spraying wet cementitious materials. 3,212,759, 10–19–65, Cl. 259—151.
Brown, Warren G., to International Telephone and Telegraph Corp. Pulse code modulation coder. 3,201,777, 8–17–65, Cl. 340—345.
Brown, Wilbert C.: *See*—
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Brown, Wilbur A., to Monsanto Co. Unloading device. 3,207,560 9–21–65, Cl. 302—52.
Brown, Wilburn K., to Pettibone Mulliken Corp. Multi-conduit hydraulic swivels. 3,181,898, 5–4–65, Cl. 285—137.
Brown, Wilfred K., and E. M. Jones, to D. H. Baldwin Co. Optical encoder. 3,205,491, 9–7–65, Cl. 340—347.
Brown, William. Mixing valve. 3,219,325, 11–23–65, Cl. 261—159.
Brown, William B., to Western Electric Co., Inc. Method of dynamic balancing of supply spindles of taping heads. 3,178,878, 4–20–65, Cl. 57—160.
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Clemence, Charles R., Brown, and Robinson. 3,182,317.
Clemence, Charles R., Robinson, and Brown. 3,182,316.
Hendry, Archibald, Brown, and Robinson. 3,182,309.

Brown, William C., to National Research Council. Radar system and method for determining the point of burst of a projectile. 3,182,318, 5–4–65, Cl. 343—7.
Brown, William C., to Sperry Rand Corp. Multilayer circuit assembly with connecting pin. 3,193,788, 7–6–65, Cl. 339—18.
Brown, William C., to Sperry Rand Corp. Electrical circuitry. 3,193,789, 7–6–65, Cl. 339—18.
Brown, William C., C. R. Clemence, and E. F. V. Robinson, to National Research Council. Radar system and method for determining a target point on a projectile trajectory. 3,182,319, 5–4–65, Cl. 343—7.
Brown, William D., to Munsingwear, Inc. Corselet. 3,166,076, 1–19–65, Cl. 128—436.
Brown, William D., to Brown Mfg. Corp. Trenching machine with power steering mechanism including means for laterally shifting an end of the machine. 3,178,838, 4–20–65, Cl. 37—86.
Brown, William E.: *See*—
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Brown, William E., to General Motors Corp. Diode heat sink mounting for dynamoelectric machines. 3,173,038, 3–9–65, Cl. 310—68.
Brown, William E., to The Western Co. of North America. Explosive charge assemblies. 3,188,955, 6–15–65, Cl. 102—24.
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Thoma, Albert J., Bogert and Brown. 3,189,001.
Brown, William H., Jr.: *See*—
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Brown, William H., Jr., to FMC Corp. Method and apparatus for shaping and stretching beaded edge films. 3,211,816, 10–12–65, Cl. 264—95.
Brown, William L., to Boyne Products, Inc. Directional signalling apparatus having two electrically isolated switch elements each engageable with pairs of contacts. 3,171,910, 3–2–65, Cl. 200—61.34.
Brown, William L., to Boyne Products, Inc. Direction and signaling paparatus with space saving contact and switching element arrangement. 3,171,911, 3–2–65, Cl. 200—61.34.
Brown, William L., to Boyne Products, Inc. Rotary switch assembly. 3,189,701, 6–15–65, Cl. 200—61.88.
Brown, William L., to Boyne Products, Inc. Directional signal canceling mechanism responsive to relatively large or relatively small turning movements of the vehicle's steering apparatus. 3,190,981, 6–22–65, Cl. 200—61.34.
Brown, William L., to Boyne Products, Inc. Push rotary switch construction with lost motion contact coupling. 3,204,067, 8–31–65, Cl. 200—156.
Brown, William L., D. Denny, and M. L. Schmucker, to John Morrell & Co. Method of tenderizing beef. 3,207,608, 9–21–65, Cl. 99—107.
Brown, William R. Typing aid. 3,179,227, 4–20–65, Cl. 197—190.
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Fordyce, William B. 3,204,449.
Goodfellow, David S., and Terry. 3.205,791.
Green, Sydney J., and Nicholl. 3,203,432.
Griffith, Robert B., Johnson, and Quinn. 3,174,485.
Strubel, David G., and Moll. 3,223,090.
Browne, Anthony A. B., and J. Mather, to Imperial Chemical Industries Ltd. Process of preparing linear copolyesters of phosphoric acid. 3,226,360, 12–28–65, Cl. 260—47.
Browne, Charles M., to Libbey-Owens-Ford Glass Co. Method of producing multiple sheet glazing units. 3,222,153, 12–7–65, Cl. 65—43.
Browne, Colin L.: *See*—
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Browne, Douglas F. Bird feeder. 3,174,459, 3–23–65, Cl. 119—51.
Browne, Frank L., to O.Z. Electrical Mfg. Co., Inc. End fitting for supporting, sealing and grounding multiconductor armored cable on steel conduit. 3,176,064, 3–30–65, Cl. 174—78.
Browne, Geoffrey D'A., to North American Philips Co., Inc. Time division stereophonic signal transmitting and reproducing system having an auxiliary third channel. 3,172,957, 3–9–65, Cl. 179—15.
Browne, Geoffrey D'A., to North American Philips Co., Inc. Time division multiplex stereophonic sound transmission system. 3,176,074, 3–30–65, Cl. 179—15.
Browne, Godfrey H., W. W. Cloer, G. Manning, J. A. McCoig, Sr., and T. F. Suggs, to Cocker Machine & Foundry Co. Warper. 3,165,808, 1–19–65, Cl. 28—32.
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Browne, Horace L., and R. A. Myers, to Ford Motor Co. Vehicle body shake absorber. 3,211,491, 10–12–65, Cl. 296—28.
Browne, Lindsay H., to De Laval Turbine Inc. Pumps. 3,194,169, 7–13–65, Cl. 103—152.
Browne, Lindsay H., to De Laval Turbine Inc. Pumps. 3,212,447, 10–19–65, Cl. 103—152.
Browne, Robert J., and H. K. Hetz, to American Meter Co., Inc. Pump. 3,179,059, 4–20–65, Cl. 103—153.
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Twamley, William E. 3,192,798.
Brownell, George L., and M. C. Hoff, to Oxo Chemical Co. Turpyl alcohol and dicarboxylic acid ester plasticizers thereof. 3,210,311, 10–5–65, Cl. 260—29.8.
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Wilmeth, John B. 3,220,500.
Brownfield, A. R., Jr.: *See*—
Wilmeth, John B. 3,220,500.
Browning, Bruce W., and K. R. Lewis, to Browning Industries, Inc. Bow stringer. 3,207,145, 9–21–65, Cl. 124—23.
Browning, Edgar P., and R. K. Brown, to Deere & Co. Torque-limiting drive. 3,182,777, 5–11–65, Cl. 192—56.
Browning, Harold, to United States of America, Navy. Flexible conduit for piping and the like. 3,170,720, 2–23–65, Cl. 285—114.
Browning Industries, Inc.: *See*—
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Browning, James A., to Thermal Dynamics Corp. Electric arc torch. 3,204,075, 8–31–65, Cl. 219—75.
Browning, James A., to Thermal Dynamics Corp. Electric arc torch. 3,204,076, 8–31–65, Cl. 219—75.
Browning, James A., to H. E. Fletcher Co. Method of flame working materials. 3,211,242, 10–12–65, Cl. 175—14.
Browning, James A., and C. A. Pratt, to Thermal Dynamics Corp. Electric arc torches. 3,223,822, 12–14–65, Cl. 219—121.
Browning, Joe L., and A. J. Colli, to United States of America, Navy. Continuous mixing apparatus. 3,193,991, 7–13–65, Cl. 55—185.
Browning, John A., to Iowa State University Research Foundation, Inc. Dew sensing device. 3,217,542, 11–16–65, Cl. 73—336.
Browning, Leslie J., to Inchbrook Printers Ltd. Method of printing on non-absorbent material. 3,164,089, 1–5–65, Cl. 101—426.
Browning, Lewis M., and C. W. Streed, to Socony Mobil Oil Co., Inc. Catalytic hydrocracking. 3,182,012, 5–4–65, Cl. 208—111.
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Brownlie, Isaac A., and G. A. Wemyss, to Scottish Agricultural Industries Ltd. Manufacture of granular fertilizers. 3,186,827, 6–1–65, Cl. 71—34.
Brownlie, Isaac A., and G. A. Wemyss, to Scottish Agricultural Industries Ltd. Manufacture of solid ammonium phosphates. 3,226,184, 12–28–65, Cl. 23—107.
Brownlow, James M., to International Business Machines Corp. Manganese copper ferrite composition containing titanium and germanium and method of preparation. 3,177,145, 4–6–65, Cl. 252—62.5.
Brownrigg, Thomas J. Miter box. 3,171,453, 3–2–65, Cl. 143—86.
Brownscombe, Philip J., to Eugene Dietzgen Co. Viewing device with translational scanning linkage. 3,175,461, 3–30–65, Cl. 88—24.
Brownscombe, Philip J., to Eugene Dietzgen Co. Photographic reproduction machines. 3,183,767, 5–18–65, Cl. 88—24.
Brownscombe, Philip J., to Eugene Dietzgen Co. Mirror systems. 3,216,316, 11–9–65, Cl. 88—24.
Brownscombe, Philip J., to Eugene Dietzgen Co. Projector viewer. 3,224,326, 12–21–65, Cl. 88—24.
Brownscombe, Philip J., and M. Delgado, to Eugene Dietzgen Co. Projector viewer and image scanning assembly therefor. 3,188,910, 6–15–65, Cl. 88—24.
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Brownson, De Witt M., and E. F. Polka, to American Can Co. Apparatus for molding hollow tubular articles. 3,204,293, 9–7–65, Cl. 18—30.
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Rubinstein, William C., and Brownstein. 3,192,313.
Brownstein, George, to Paramount Pictures Corp. Subscription-television program-scrambling system. 3,202,758, 8–24–65, Cl. 178—5.1.
Brownstein, Paul. Shell-insert combination. 3,217,450, 11–16–65, Cl. 52—213.
Brownyer, Nelson R., to Rockwell-Standard Corp. Automatic brake system. 3,167,158, 1–26–65, Cl. 188—141.
Brownyer, Nelson R., to Rockwell-Standard Corp. Extensible drive connections. 3,203,202, 8–31–65, Cl. 64—23.
Brownyer, Nelson R., to Rockwell-Standard Corp. Tapered springs and methods of manufacturing same. 3,204,944, 9–7–65, Cl. 267—47.
Brownyer, Nelson R., to Rockwell-Standard Corp. Gear drives. 3,213,700, 10–26–65, Cl. 74—424.
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Broyles, Margaret H., and R. E. Gibson, to Eastman Kodak Co. Antistatic polyethylene compositions containing N,N-diethanol oleamide. 3,206,429, 9–14–65, Cl. 260—45.9.
Broyles, Ned L. Quick-action interlocking suspension fastener. 3,167,342, 1–26–65, Cl. 294—67.
Brozek, Mnata, to Chirana Praha, narodni podnik. Automatic adjustment and compensation of the secondary voltage of a transformer. 3,189,816, 6–15–65, Cl. 323—43.5.
Broziat, Horst. Apparatus for braking or switching off electric motors. 3,185,876, 5–25–65, Cl. 310—77.

Brozo, Donald E., to Burroughs Corp. Card stacking apparatus. 3,220,725, 11–30–65, Cl. 271—71.
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Bruant, Claude, E. Crampon, and J. Martinat, to Societe Alsacienne de Constructions Mecaniques. Circuits for generating wave trains. 3,199,036, 8–3–65, Cl. 328—67.
Brubaker, David W., and D. E. Danly, to Monsanto Co. Recovery of vanadium and copper values from chemical process streams by ion-exchange. 3,186,952, 6–1–65, Cl. 252—413.
Brubaker, James F., to General Motors Corp. Ice maker of the endless flexible belt type. 3,199,309, 8–10–65, Cl. 62—345.
Brubaker, Joseph D., and R. T. Dickerson, to The Dow Chemical Co. Plasticized alkenyl aromatic polymers in admixture with metal alkoxides and alkyls. 3,216,964, 11–9–65, Cl. 260—31.8.
Brubaker, Lee B. Ham rack assembly. 3,202,086, 8–24–65, Cl. 99—351.
Brubaker, Robert D., to G. J. Levy. Tone arm mounted dust remover for phonograph record. 3,185,485, 5–25–65, Cl. 274—47.
Bruce, George D., to International Business Machines Corp. Magnetic storage device and system. 3,213,435, 10–19–65, Cl. 340—174.
Bruce, George D., and W. R. Wohlfort, to International Business Machines Corp. Matrix switching system. 3,222,658, 12–7–65, Cl. 340—174.
Bruce, John M., Jr., to E. I. du Pont de Nemours and Co. Polymerization of thiocarbonyl compounds with alkylperoxy boranes and alkyl metal compounds. 3,216,978, 11–9–65, Cl. 260—79.
Bruce, John M., Jr., and I. M. Robinson, to E. I. du Pont de Nemours and Co. Polymerization catalyst containing polymeric diene-aluminum compounds. 3,180,837, 4–27–65, Cl. 252—429.
Bruce Machining & Engineering, Inc.: *See*—
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Bruce, Robert W., to Canada, Her Majesty the Queen in right of, as represented by the Minister of Mines and Technical Surveys. Process for treating high antimony-bearing gold ores. 3,174,848, 3–23–65, Cl. 75—105.
Bruchschmidt, Hans, to VDO Tachometer Werke Adolf Schindling G.m.b.H. Recording instrument. 3,192,532, 6–29–65, Cl. 346—23.
Bruck, George, to Avco Corp. Multiple tunnel diode resonant cavity oscillator. 3,189,843, 6–15–65, Cl. 331—107.
Bruck, George, J. M. Kleinman, and K. H. Dendy; said Bruck and said Kleinman assors. to Avco Corp. Pulse width sensor. 3,209,157, 9–28–65, Cl. 307—88.5.
Bruck, John P., to American Lincoln Corp. Vacuum cleaner attachment. 3,209,385, 10–5–65, Cl. 15—325.
Bruck, John P., to The Singer Co. Grass trimmers. 3,218,-710, 11–23–65, Cl. 30—222.
Brucken, Byron L., to General Motors Corp. Rotary clothes dryer with direct drive motor and speed reducer assembly. 3,167,409, 1–26–65, Cl. 34—133.
Brucken, Byron L., to General Motors Corp. Electromagnetic speed responsive slip clutch. 3,174,595, 3–23–65, Cl. 192—.033.
Brucken, Byron L., to General Motors Corp. Dry cleaning apparatus. 3,200,622, 8–17–65, Cl. 68—18.
Brucken, Byron L., to General Motors Corp. Dry cleaning apparatus. 3,203,208, 8–31–65, Cl. 68—207.
Brucken, Byron L., to General Motors Corp. Countertop dishwasher having dual opposed impellers and a labyrinth door seal. 3,220,426, 11–30–65, Cl. 134—193.
Brucken, Byron L., and V. A. Williamitis to General Motors Corp. Humidity sensing element. 3,167,734, 1–26–65, Cl. 338—35.
Brucken, Byron L., and V. A. Williamitis, to General Motors Corp. Dry cleaning filter with adsorbent means. 3,178,025, 4–13–65, Cl. 210—266.
Brucken, Byron L., and V. A. Williamitis, to General Motor Corp. Filter for domestic appliance. 3,198,333, 8–3–65, Cl. 210—209.
Brucken, Byron L., and V. A. Williamitis, to General Motors Corp. Filter for a dry cleaning apparatus. 3,198,334, 8–3–65. Cl. 210—209.
Brucken, Byron L., J. W. Jacobs, and G. B. Long, to General Motors Corp. Method and apparatus for control of a domestic appliance. 3,216,126, 11–9–65, Cl. 34—45.
Brucker, William S., to The Black and Decker Mfg. Co. Arcuate motion jig saw. 3,204,470, 9–7–65, Cl. 74—50.
Brucker-Steinkuhl, Kurt. Control apparatus. 3,170,140, 2–16–65, Cl. 340—149.
Bruckner, Gernot. Apparatus for stretching strips of plastic material. 3,201,826, 8–24–65, Cl. 18—1.
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Bork, Karl-Heinz, Bruckner, Mannhardt, Metz, and von Werder. 3,178,462.
Von Werder, Fritz, Brückner, Bork, and Metz. 3,173,837.
Von Werder, Fritz, Brückner, Bork, and Metz. 3,183,-150.
Bruckner, Klaus, to E. Merck, Aktiengesellschaft. Steroids possessing anti-phlogistic activities. 3,183,158, 5–11–65, Cl. 167—65.
Bruckner, Paul, E. Marx, A. Erk, and A. Hartig. Insulated conductor device. 3,209,305, 9–28–65, Cl. 339—61.
Bruder, Robert I.: *See*—
Budzich, Tadeusz, and Bruder. 3,193,663.
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Bruderly, Robert E., to Westinghouse Electric Corp. Electric brake for circuit interrupters. 3,213,322, 10–19–65, Cl. 317—22.
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Brudney, Harry, to Jacoby-Bender, Inc. Tear duct device for sleeping doll eye. 3,193,968, 7–13–65, Cl. 46—135.
Brudney, Harry, to Jacoby-Bender, Inc. Restricted tear duct for doll eyes. 3,209,488, 10–5–65, Cl. 46—135.
Brudney, Harry, to Jacoby-Bender, Inc. Selectively usable winking or blinking doll eye construction. 3,216,150, 11–9–65, Cl. 46—169.
Brudney, Harry, to Jacoby-Bender, Inc. Mounts for movable doll eyes for stuffed toys. 3,224,140, 12–21–65, Cl. 46—169.
Brudos, Curtis D.: *See*—
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Bruecker, George B. Feeder for livestock. 3,180,317, 4–27–65, Cl. 119—52.
Bruecker-Steinkuhl, Kurt. Aircraft proportional navigation. 3,223,357, 12–14–65, Cl. 244—14.
Brueckmann, Helmut, to United States of America, Army. Antenna with controlled voltage distribution. 3,208,069, 9–21–65, Cl. 343—712.
Brueckmann, Helmut, to United States of America, Army. Center-fed whip antenna. 3,212,093, 10–12–65, Cl. 343—724.
Brueckmann, Helmut, to United States of America, Army. Low-loss continuously variable delay line. 3,219,950, 11–23–65, Cl. 333—31.
Brueckmann, Helmut, to United States of America, Army. Multiple antenna multiplex system. 3,226,724, 12–28–65, Cl. 343—853.
Brueder, Antoine, to Andre Citroen, Societe Anonyme. Variable pressure means cooperating with the steering shaft of vehicles. 3,183,992, 5–18–65, Cl. 180—79.2.
Brueder, Antoine, to Andre Citroen Societe Anonyme. Air conditioning system for an automotive vehicle. 3,190,206, 6–22–65, Cl. 98—2.
Brueder, Antoine, to Andre Citroen Societe Anonyme. Anti-roll devices for automobile vehicles. 3,194,581, 7–13–65, Cl. 280—112.
Brueder, Antoine, to Andre Citroen Societe Anonyme. Disc brakes with conjugate jaws. 3,198,292, 8–3–65, Cl. 188—73.
Brueder, Antoine, to Societe Anonyme Andre Citroen. Automatically adjustable brake mechanism. 3,203,508, 8–31–65, Cl. 188—73.
Brueggemann, Glen R. Stator winding machines. 3,193,-208, 7–6–65, Cl. 242—1.1.
Brueggemann, Harry P., to The Marquardt Corp. Full circumferential viewing system. 3,203,328, 8–31–65, Cl. 95—15.
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Bruestle, John H., to Radio Corp. of America. Combined mounting-bracket and heat-sink. 3,200,296, 8–10–65, Cl. 317—100.
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Brugioni, Leroy D. Water container for refrigerator door. 3,208,641, 9–28–65, Cl. 222—108.
Bruglemans, Lucas, to Automatic Electric Laboratories, Inc. Line identifier arrangement for a communication switching system. 3,211,837, 10–12–65, Cl. 179—18.
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Bachelet, Gilbert H., and Bruiet. 3,182,379.
Bruijning, Hugo G., to North American Philips Co., Inc. Stabilized transistor oscillator by means of an overflow circuit with reduced power loss. 3,168,714, 2–2–65, Cl. 331—113.
Bruin, Pieter, and T. R. Rix, to Shell Oil Co. Curing of an isocyanato modified blend of an olefin copolymer and an unsaturated carboxylic acid. 3,179,716, 4–20–65, Cl. 260—878.
Bruinsma, Josephus F. D., to Kiekens-Wervelwind-Holland (Kiekens-Whirlwind-Holland) (KWH) N.V. Spraying vehicle. 3,164,324, 1–5–65, Cl. 239—77.
Brukner, John S., C. O. Walker, and W. J. Weiss, to Texaco Inc. Drilling fluid. 3,177,141, 4–6–65, Cl. 252—8.5.
Brukner, John S., C. O. Walker, and W. J. Weiss, to Texaco Inc. Drilling fluid. 3,177,142, 4–6–65, Cl. 252—8.5.
Brule, Jean P., and J. M. Jacquet, to Compagnie I.B.M. France. Digital servo system. 3,211,976, 10–12–65, Cl. 318—28.

Bruma, Marc, to Centre National de la Recherche Scientifique. Spark machining electrode. 3,208,846, 9–28–65, Cl. 75—153.
Brumagin, Thomas H., to Ajax Flexible Coupling Co, Inc. Sorting apparatus. 3,211,289, 10–12–65, Cl. 209—99.
Brumbach, Joseph F., to Victor Comptometer Corp. Circuit-condition indicating system. 3,213,194, 10–19–65, Cl. 178—18.
Brumbach, Robert E. Fluid dispenser. 3,225,972, 12–28–65, Cl. 222—516.
Brumbaugh, Robert M., to Midwestern Instruments, Inc. Digital tape transport. 3,189,239, 6–15–65, Cl. 226—95.
Brumbaugh, Robert T.: *See*—
Hebert, Gerald A., and Brumbaugh. 3,201,983.
Brumfield, Elvin S.: *See*—
Hand, Ross L., Jr., Brumfield, and Kutzscher. 3,219,-824.
Jung, Kurt, Kutzcher, and Brumfield. 3,209,150.
Brumfield, Elvin S., and M. F. Braun, to Lockheed Aircraft Corp. Infrared mapping system. 3,191,035, 6–22–65, Cl. 250—83.3.
Brumfield, Elvin S., O. La Plant, and E. W. Kutzscher, to Lockheed Aircraft Corp. Infrared spectrometer for target detection and tracking. 3,204,101, 8–31–65, Cl. 250—83.3.
Brumfield, John C., to I-T-E Circuit Breaker Co. Mechanism mounting device for circuit breaker. 3,178,547, 4–13–65, Cl. 200—168.
Brumfield, John C., to I-T-E Circuit Breaker Co. Over-center cam and anti-rebound means. 3,182,157, 5–4–65, Cl. 200—153.
Brumfield, John C., and W. W. Poulton, Jr., to I-T-E Circuit Breaker Co. Independent means for adjusting contact pressure and contact arm position. 3,198,924, 8–3–65, Cl. 200—170.
Brumley, Cowin H., to Bausch & Lomb Inc. Optical cryptographic device. 3,166,625, 1–19–65, Cl. 88—1.
Brumley, Corwin H., to Bausch & Lomb Inc. Relay actuator circuit. 3,196,319, 7–20–65, Cl. 317—151.
Brumley, Frank K. L., to Diamond International Corp. Content identification carton. 3,205,603, 9–14–65, Cl. 40—312.
Brumlow, James A., Jr.: *See*—
Woicik, Joseph F., and Brumlow. 3,222,413.
Brumm, Carl E.: *See*—
Allman, Orin H., Brumm, and Pither. 3,224,857.
Brummelkamp, Reindert. Surgical resection instrument and accessory. 3,168,096, 2–2–65, Cl. 128—334.
Brummer, Richard S.: *See*—
Caldwell, Frank A., and Brummer. 3,191,182.
Brump, Herbert L., to The Reliance Electric and Engineering Co. Cam operated transversely moving ball clutch. 3,174,-603, 3–23–65, Cl. 192—93.
Brun Corp.: *See*—
Barker, William E., Jr. 3,207,901.
Brun, Jean. Illuminated display or advertising casing. 3,216,137, 11–9–65, Cl. 40—32.
Brunberg, Karl G., R. A. Dahlblom, and B. Lillsunde, to Telefonaktiebolaget L M Ericsson. Circuit arrangement in an automatic telephone system for rendering the subscriber's number independent of his location in the selector multiple. 3,205,313, 9–7–65, Cl. 179—22.
Brundage, Benjamin W. External rotary seal for a swivel joint. 3,186,737, 6–1–65, Cl. 285—45.
Brundage Co., The: *See*—
Austin, Harold A., and Waldo. 3,186,068.
Rockafield, Wilden A. 3,175,755.
Brundage, James W., to NRM Corp. Tire curing press with dual post inflators. 3,170,187, 2–23–65, Cl. 18—2.
Brundage, Robert W. Hydraulic pump or motor. 3,188,969, 6–15–65, Cl. 103—126.
Brundage, Robert W. Hydraulic pump or motor. 3,198,127, 8–3–65, Cl. 103—1.62
Brundell, Per G., and K.-E. A. Jonsson, to Söderhamns Verkstader AB. Rotor for a log debarking machine. 3,171,-455. 3–2–65, Cl. 144—208.
Brundell, Per G., and K.-E. A. Jonsson, to Söderhamns Verkstader AB. Log debarking machine. 3,189,068, 6–15–65, Cl. 144—208.
Brundell, Per G., and K.-E. A. Jonsson, to Söderhamns Verkstader AB. Roller conveyor. 3,189,162, 6–15–65, Cl. 198—127.
Brundell, Per G., and K. E. A. Jonsson, to Soderhamns Verkstader AB. Controlling mechanisms for the tools in a log debarking machine. 3,196,912, 7–27–65, Cl. 144—208.
Brundell, Per G., and K.-E. A. Jonsson. Machine for debranching felled trees. 3,223,130, 12–14–65, Cl. 144—2.
Brunder, Ernest C. Drive mechanisms. 3,196,806, 7–27–65, Cl. 104—172.
Brundige, Maurice M., D. N. Obenshain, J. H. Fredrickson, and H. F. Kohne, Jr., to West Virginia Pulp and Paper Co. Process of manufacturing and finishing coated paper, and resultant product. 3,222,209, 12–7–65, Cl. 117—64.
Brundige, William L., to Westinghouse Electric Corp. Lamp filament connection. 3,189,778, 6–15–65, Cl. 313—331.
Brundige, William L., and F. A. Beane, to Westinghouse Electric Corp. Process and apparatus for dosing electrical device. 3,208,812, 9–28–65, Cl. 316—21.
Brundin, John O. S., and M. W. Gustafson, to Fagersta Bruks Aktiebolag. Turn cutter with concave base surfaces and a holder for such a cutter. 3,220,088, 11–30–65, Cl. 29—96.
Bründler, Hans. Comminuting machine for meat or other food products. 3,219,081, 11–23–65, Cl. 146—182.
Bruneau, Jean P., to The Harshaw Chemical Co. Praseodymium-cerium yellow. 3,168,410, 2–2–65, Cl. 106—299.
Brunel, Andre L. L., and R. M. Mercier. High-speed silent air turbine. 3,193,251, 7–6–65, Cl. 253—56.
Brunel, Andre L. L., and R. M. Mercier. High speed air turbines. 3,197,176, 7–27–65, Cl. 253—2.
Brunel, Henri. Process for refining hydrocarbon oils so as to obtain only refined oil and pure oil soluble sulphonates. 3,164,547, 1–5–65, Cl. 208—273.
Brunell, Richard L., and S. R. Holly, to Combustion Engineering, Inc. Apparatus for disassembling a rotor from its support bearing. 3,193,916, 7–13–65, Cl. 29—240.
Brunelle, Felix J.: *See*—
Brunelle, John O. 3,210,866.
Brunelle, John O., ½ to F. J. Brunelle. Information retrieval device. 3,210,866, 10–12–65, Cl. 35—74.
Brunelle, Pierre V. Detachable, adult-size, toilet seat. 3,171,-138, 3–2–65, Cl. 4—237.
Bruner Corp.: *See*—
Rudelick, John. 3,166,091.
Rudelick, John. 3,166,499.
Rudelick, John. 3,169,110.
Rudelick, John. 3,181,564.
Rudelick, John. 3,187,771.
Rudelick, John. 3,190,726.
Rudelick, John. 3,202,174.
Rudelick, John. 3,211,415.
Sebeste, Flavius J. 3,193,989.
Bruner, George E.: *See*—
Koral, Jerry N., Bruner, and Daniel. 3,218,280.
Bruner, Henry K.: *See*—
Staggers, John O., Bruner, and Edlund. 3,190,750.
Bruner, Per-Olof J. Laboratory test animal cage with hygienic ventilation means. 3,220,383, 11–30–65, Cl. 119—17.
Brunet, Michel, and E. Deyris, to North American Philips Co., Inc. Device for zone melting. 3,188,373, 6–8–65, Cl. 13—1.
Brunetto, Frank. Method and apparatus for measuring the forward voltage drop, the forward leakage current, and the reverse leakage current of a controlled rectifier under dynamic conditions. 3,206,675, 9–14–65, Cl. 324—158.
Brunetz, Nickolas: *See*—
Royer, Thurber W., Brower, and Brunetz. 3,184,351.
Bruning, William E., ½ to International Paper Co., and ½ to The Stanley Works. Anchor for freight car panel. 3,218,766, 11–23–65, Cl. 52—377.
Bruning, William E., to International Paper Co. Temporary door and method. 3,224,496, 12–21–65, Cl. 160—368.
Bruninga, Willis J., to Keystone Steel & Wire Co. Nailable metal stud. 3,175,651, 3–30–65, Cl. 189—34.
Brunker, William C., Jr.: *See*—
Eberle, Byron T. 3,206,602.
Brunn, John: *See*—
Collins, Vardie W., and Brunn. 3,218,658.
Brunner, Alfred, to Sulzer Freres, S.A. Nuclear reactor vapor generating plant. 3,164,527, 1–5–65, Cl. 176—59.
Brunner, Alfred, to Sulzer Freres, Societe Anonyme. Apparatus for control of a steam power plant. 3,166,910, 1–26–65, Cl. 60—107.
Brunner, Alfred, to Sulzer Freres, S.A. Method and apparatus for influencing the temperature of a fluid leaving a heat exchanger. 3,172,462, 3–9–65, Cl. 165—1.
Brunner, Alfred, to Sulzer Freres, Societe Anonyme. Systems for selecting among a plurality of incoming signals the signal of extreme value falling short of a limiting value with means for blocking incoming signals beyond that limiting value. 3,173,127, 3–9–65, Cl. 340—147.
Brunner, Alfred, to Sulzer Freres, S.A. Vapor cooled nuclear reactor. 3,180,798, 4–27–65, Cl. 176—20.
Brunner, Carl F.: *See*—
Norden, Alexander R., and Brunner. 3,221,121.
Brunner, David H., to Philco Corp. Stereophonic system employing audio matrixing. 3,164,676, 1–5–65, Cl. 179—1.
Brunner, Eugen: *See*—
Rinderspacher, Max, Stilli, and Brunner. 3,189,778.
Brunner, Eugen, to Lonza Electrical and Chemical Works Ltd. Granulating apparatus for plastic sheet material. 3,186,-277, 6–1–65, Cl. 83—355.
Brunner, Everett A.: *See*—
La Trell, Jack K. 3,178,738.
Brunner, Gordon F.: *See*—
Bedenk, William T., Brunner, and Goodrich. 3,194,666.
Brunner, Helmut: *See*—
Bommer, Heinrich, and Brunner. 3,164,442.
Brunner, Jacques J., and W. W. Collins, to FMC Corp. Article sorting system. 3,181,685, 5–4–65, Cl. 198—24.
Brunner, John E., to Aeronca Mfg. Corp. Missile safety and arming circuit. 3,167,018, 1–26–65, Cl. 102—70.2.
Brunner, John E., and A. Z. Hallum, to Aeronca Mfg. Corp. Integrated airframe bulkhead and cavity antenna. 3,226,-720, 12–28–65, Cl. 343—708.
Brunner, John J.: *See*—
Mercer, John L., and Brunner. 3,219,021.
Brunner, Julius: *See*—
Kuhrt, Friedrich, and Brunner. 3,192,471.
Kuhrt, Friedrich, Maaz, Rainer, and Brunner. 3,226,640.
Brunner, Julius, to Siemens-Schuckertwerke Aktiengesellschaft. Signal-voltage generating device. 3,185,920, 5–25–65, Cl. 323—94.
Brunner, Julius, and F. Kuhrt, to Siemens-Schuckertwerke Aktiengesellschaft. Device for measuring torque on shafts. 3,191,434, 6–29–65, Cl. 73—136.

Brunner, Siegfried: *See*—
Leimer, Albert, and Brunner. 3,166,651.
Brunner, Walter H.: *See*—
Bil, Milos Z., and Brunner. 3,168,441.
Brunner, Walter H., and A. Halasz, to Clairol Inc. Compositions and methods of dyeing human hair with nitro-*p*-phenylenediamines. 3,168,442, 2–2–65, Cl. 167—88.
Brunnert, Otto: *See*—
Karmann, Richard, Hoffmann, and Brunnert. 3,222,462.
Bruno, Anthony T.: *See*—
Speno, Martin J., and Bruno. 3,167,172.
Speno, Martin J., and Bruno. 3,209,911.
Bruno, Joseph P., to OPCO Industries, Inc. Radio controlled motor driven lifting and lowering device. 3,215,912, 11–2–65, Cl. 318—16.
Bruno, Severino. Process for the regulation of the power of oleo-dynamical plants, and a device for carrying out this process. 3,180,091, 4–27–65, Cl. 60—52.
Bruns, Edward C., to The Cincinnati Milling Machine Co. Pneumatic measuring circuit. 3,210,987, 10–12–65, Cl. 73—37.6.
Bruns, Edward C., to The Cincinnati Milling Machine Co. Position analog unit for automatic controls. 3,220,276, 11–30–65, Cl. 74—409.
Bruns, Frank J., to Sinclair Research, Inc. Liquid dispenser with outer housing. 3,224,646, 12–21–65, Cl. 222—189.
Bruns, Frank J., and A. H. Eron, to Sinclair Research, Inc. Vapor and solids separator for gasoline. 3,165,469, 1–12–65, Cl. 210—232
Bruns, Robert F.: *See*—
Voorheis, Temple S., Hudson, and Bruns. 3,204,610.
Brunschweiger, Alfred: *See*—
Thompson, Leonard H., and Brunschweiger. 3,217,183.
Brunschweiger, Alfred, to International Business Machines Corp. Single channel NRZI detection circuit. 3,207,915, 9–12–65, Cl. 307—88.5.
Brunsing, Rex L., 3% to W. Kieckhefer, and 4% to G. A. and P. A. Coats. Multi-can package and connector for cans. 3,198,326, 8–3–65, Cl. 206—65.
Brunsing, Rex L., 3% to W. Kieckhefer, and 4% to G. A. and P. A. Coats. Can packaging machine. 3,218,777, 11–23–65, Cl. 53—48.
Brunson, Bruce W., to Werner Machinery Co. Reciprocating cookie cutter having cushioning means which automatically adjusts the length of tool stroke. 3,178,983, 4–20–65, Cl. 83—530.
Brunson, Marion O., and W. D. McGillen, to Eastman Kodak Co. Compositions of polyethylene and ethylene/ethacrylate copolymers for improved heat sealability. 3,201,498, 8–17–65, Cl. 260—897.
Brunson, Raymond D., P. A. Gilovich, and S. K. Kingman, to Varian Associates. Electrical measuring apparatus. 3,199,112, 9–3–65, Cl. 346—32.
Brunson, Virgil A., to Dover Corp. System for dispensing liquid having a meter, an air eliminator, and back pressure valve. 3,197,069, 7–27–65, Cl. 222—72.
Brunson, Virgil A., and H. L. Vanden Hoek, to Blackmer Pump Co. Pump control. 3,183,839, 5–18–65, Cl. 103—21.
Brunsting, Ralph, deceased (by R. O. Birkhold, executor), and C. M. Casselman, to Ra-Ma Co., Inc. Wall fixture mounting. 3,180,595, 4–27–65, Cl. 248—27.
Brunsvold, Norris J.: *See*—
Roberts, Charles P., Sommers, and Brunsvold. 3,211,519.
Brunswick Corp.: *See*—
Alley, Ralph D., and Sheridan. 3,190,290.
Anderson, Robert I. 3,206.199.
Bachelder, Millard J., Satchell, and Diamond. 3,202,742.
Bernd, Jules P. 3,171,563.
Coleman, Kenneth F. 3,199,155.
Conklin, Robert M., and Gautraud. 3,179,411.
Gautraud, Michael G., and Albrecht. 3,199,869.
Gautraud, Michael G., and McLeod. 3,219,346.
La Vigne, Eugene E. 3,188,986.
Mohr, Robert G. 3,219,403.
Reineman, Richard G. 3,180,642.
Rockwood, Albert M., Rogers, and Stevens. 3,216,036.
Rogers, Albert P. 3,219,345.
Rogers, Albert P., and Emery. 3,188,085.
Roop, Donald E., and Riley. 3,164,383.
Schroeder, Victor C. 3,203,375.
Stevens, Eric S. 3,184,277.
Stevens, Eric S. 3,192,606.
Stevens, Eric S., and Walbert. 3,216,037.
Strohm, Elwood. 3,166,761.
Strohm, Elwood, and Wilkens. 3,220,014.
Sussin, Victor. 3,194,298.
Torresen, Robert. 3,179,790.
Uecker, Donald F. 3,191,935.
Uecker, Donald F. 3,223,414.
Untiedt, Miles E., and Larson. 3,165,316.
Vaughen, John V., and Wilson. 3,192,084.
Walbert, Charles R. 3,192,605.
Wyatt, James B. 3,208,748.
Brunt, David L. Pneumatically cushioned bumper. 3,203,724, 8–31–65, Cl. 293—89.
Bruntil, Irwin M., and J. M. Shapiro, to United States of America, Navy. Tuning variable capacitor. 3,181,045, 4–27–65, Cl. 317—249.
Brunton, James L., to Speed Shore Corp. Shoring apparatus. 3,224,201, 12–21–65, Cl. 61—41.
Brusca, Henry J.: *See*—
Williams, John R., and Brusca. 3,212,526.
Brusch, Archie F., and J. H. Uphoff. Aircraft landing system. 3,210,029, 10–5–65, Cl. 244—114.
Bruschweiler, Conrad: *See*—
Renz, Jany, Bourquin, Winkler, Bruschweiler, Ruesch, and Schwarb. 3,221,011.
Brush Beryllium Co., The: *See*—
Beaver, Wallace W., Paine, and Stonehouse. 3,172,196.
Beaver, Wallace W., Paine, and Stonehouse. 3,172,761.
Hornak, Michael B., and Klein. 3,184,945.
Melvin, John R. 3,184,827.
Rapprich, David D., and Holewinski. 3,189,942.
Schwenzfeier, Carl W., and Pomelee. 3,172,728.
Theodore, John G., and Bielawski. 3,196,023.
Wikle, Keith G. 3,196,007.
Brush, Edward E.: *See*—
Levinson, Benjamin L., and Brush. 3,186,599.
Levinson, Benjamin L., and Brush. 3,200,994.
Brush Electrical Engineering Co. Ltd.: *See*—
Davis, Rex M., and Clarke. 3,219,905.
Brussaard, Jan M., and J. W. Hekkert, to North American Philips Co., Inc. Piezoelectric transducer with longitudinal polarization. 3,175,107, 3–23–65, Cl. 310—9.8.
Brust, Bernard, R. I. Fryer, and L. H. Sternbach, to Hoffmann-La Roche Inc. Substituted 3-amino 4-phenyl quinolones. 3,202,661, 8–24–65, Cl. 260—288.
Brust, David P.: *See*—
Minsk, Louis M., and Brust. 3,178,295.
Minsk, Louis M., and Brust. 3,178,296.
Brutt, Frederick J., and L. L. Wright, to Westinghouse Electric Corp. Method of making a magnetic core. 3,205,561, 9–14–65, Cl. 29—155.61.
Brutting, Eugen. Soccer shoe with ball control surface. 3,191,321, 6–29–65, Cl. 36—2.5.
Bruun, Carroll H.: *See*—
Heth, Arthur M., and Bruun. 3,181,482.
Bruun, Eugene R., T. A. Flanders, and M. Marcus, to United Aircraft Corp. Intercompartment pressure ratio regulator. 3,185,169, 5–25–65, Cl. 137—98.
Bruun, Knud I.: *See*—
McMurry, Everett D. 3,175,514.
Bruun, Otto J. Packaging. 3,178,018, 4–13–65, Cl. 206—65.
Bruzzone, Mario: *See*—
Natta, Giulio, Crespi, and Bruzzone. 3,179,715.
Natta, Giulio, Crespi, and Bruzzone. 3,194,849.
Natta, Giulio, Crespi, and Bruzzone. 3,198,778.
Bryan, Alif R., to Monolith Portland Cement Co. Ball mills. 3,173,619, 3–16–65, Cl. 241—153.
Bryan, Carroll W., to Atlas Metal Works, Inc. Traction means for irrigation pipe transporting device. 3,175,635, 3–30–65, Cl. 180—9.64.
Bryan, Chester L., and B. P. McDonnell, to Westinghouse Electric Corp. Strip thickness control apparatus. 3,188,842, 6–15–65, Cl. 80—56.
Bryan, Darrel L., to Pacific Car and Foundry Co. Self-lubricating differential. 3,182,527, 5–11–65, Cl. 74—713.
Bryan, David G.: *See*—
Allum, Robin D., Mann, Bryan, and Knight. 3,199,083.
Bryan, Eugene D. Fire fighting devices. 3,185,198, 5–25–65, Cl. 150—52.
Bryan, Harvard J. Dual thrust propeller and controls for rotary winged aircraft. 3,166,129, 1–19–65, Cl. 170—160.25.
Bryan, Harvard J. Automatic safeties for guns. 3,222,809, 12–14–65, Cl. 42—70.
Bryan, Howard W., Jr.: *See*—
Chandler, Coy N., Bryan, and Roach. 3,168,959.
Bryan, James C., and R. D. Hurt, to E. I. du Pont de Nemours and Co. Apparatus for producing composite textile filaments from a plurality of synthetic polymers. 3,200,440, 8–17–65, Cl. 18—8.
Bryan, James S., and C. F. Teacher, to Philco Corp. Character identification system employing plural resistor-correlation masks. 3,167,745, 1–26–65, Cl. 340—146.3.
Bryan, James S., and F. P. Keiper, Jr., to Philco Corp. Two-level quantization system. 3,189,685, 6–15–65, Cl. 178—7.1.
Bryan, Joseph F.: *See*—
Kindle, William K., Bryan, Smidowicz, and Kennedy. 3,218,840.
Bryan, Joseph F., and C. R. Killian, to Electronic Associates Inc. Function generator. 3,205,349, 9–7–65, Cl. 235—197.
Bryan, Loren A., and W. A. Tidridge, to FMC Corp. Polyvinyl acetate and acrylic latex paints. 3,215,660, 11–2–65, Cl. 260—29.6.
Bryan, Paul J., to E. I. du Pont de Nemours, and Co. Explosively actuated hole cutter. 3,169,479, 2–16–65, Cl. 102—24.
Bryan, Warren P. Method for improving well production and salt water disposal. 3,167,125, 1–26–65, Cl. 166—45.
Bryan, Wilson J., Jr.: *See*—
Holtzclaw, Charles R., and Bryan. 3,177,256.
Bryans, David F., and B. W. Haritonoff, to Carrier Corp. Air conditioning system and method. 3,208,508, 9–28–65, Cl. 165—2.
Bryant, Albert: *See*—
Canns, Julius D., Bryant, and Lichau. 3,187,628.
Bryant, Andrew J. Device for holding a rotary cutting tool. 3,190,046, 6–22–65, Cl. 51—225.
Bryant, Austin U., to Grove Valve and Regulator Co. Valve construction. 3,170,478, 2–23–65, Cl. 137—340.

Bryant, Austin U., to Grove Valve and Regulator Co. Fluid valve having pressure responsive bonnet seals. 3,173,647, 3–16–65, Cl. 251—172.
Bryant, Austin U., to Grove Valve and Regulator Co. Balanced sealing means. 3,173,649, 3–16–65, Cl. 251—282.
Bryant, Austin U., to Grove Valve and Regulator Co. Reciprocating valve having a throttling arrangement and particular head and seat cooperation. 3,198,481, 8–3–65, Cl. 251—210.
Bryant, Austin U., to Grove Valve and Regulator Co. Gate valve body of welded construction. 3,204,929, 9–7–65, Cl. 251—329.
Bryant, Austin U., and L. K. Edwarde, to Grove Valve and Regulator Co. Valve construction method. 3,224,080, 12–21–65, Cl. 29—157.1.
Bryant, Ben L. Drying assembly. 3,225,912, 12–28–65, Cl. 206—37.
Bryant, Charles D.: *See*—
Rosin, Seymour, and Bryant. 3,178,510.
Bryant, Charles J., to General Motors Corp. Load bearing connector. 3,226,470, 12–28–65, Cl. 174—79.
Bryant Chucking Grinder Co.: *See*—
Barnard, Leon J. 3,167,064.
Grobey, Paul A. 3,192,674.
Bryant, Clifford A., C. D. Elliott, R. F. Hackney, L. C. La Duke, and O. C. Payne, to Cabin Crafts, Inc. Machine for producing cut and uncut pile fabrics. 3,187,699, 6–8–65, Cl. 112—79.
Bryant, Donald D. Automatic travelling journal box oiler. 3,203,504, 8–31–65, Cl. 184—2.
Bryant, Edward T.: *See*—
Farquhar, Melville T., Nagle, and Bryant. 3,192,818.
Bryant Electric Co., The: *See*—
Weissburg, James A. 3,209,089.
Bryant, Ellis H., Jr., to Audichron Co. Magnetic call totalizer. 3,190,962, 6–22–65, Cl. 179—8.
Bryant, Irvin E., to The Lufkin Rule Co. Micrometer measuring device having feelers. 3,225,447, 12–28–65, Cl. 33—143.
Bryant, James G. Hammer mill having a rigid, removable eccentrically disposed screen. 3,196,915, 7–27–65, Cl. 146—79.
Bryant, Ozro N.: *See*—
Conrad, Joseph D., Sr., and Bryant. 3,190,612.
Bryant, Victor J., and R. L. Archibald. Internal broaching machine. 3,199,409, 8–10–65, Cl. 90—96.
Bryant, William L., ¼ to R. W. Hodgson. U-bolt bender. 3,172,452, 3–9–65, Cl. 153—46.
Bryce, Peter C. Storm window washing device. 3,201,816, 8–24–65, Cl. 15—220.
Brydolf, Robert, and K. K. Kellems, to Acme Appliance Mfg. Co. Jig for assembling pocket door frames. 3,169,249, 2–16–65, Cl. 1—149.
Brye, Adolph O. Truck wheel wrench apparatus. 3,170,347, 2–23–65, Cl. 81—121.
Brynko, Carl, and J. A. Scarpelli, to The National Cash Register Co. Making individual capsules by dual deposition (from liquid). 3,190,837, 6–22–65, Cl. 252—316.
Brynn, Gerald E., and G. R. Mahoney, to General Motors Corp. Convertible top. 3,203,729, 8–31–65, Cl. 296—107.
Brynsvold, Glen V., and K. Hikido, to United States of America, Atomic Energy Commission. Fuse device for a nuclear reactor. 3,205,149, 9–7–65, Cl. 176—87.
Brynsvold, Glen V., and W. A. Sangster, to United States of America, Atomic Energy Commission. Continuous support fuel rod spacer system. 3,212,991, 10–19–65, Cl. 176—78.
Brys, Harry E., to Armco Steel Corp. Method and apparatus for maintaining substantially constant strip gauge in a tandem mill. 3,196,646, 7–27–65, Cl. 72—9.
Brys, Harry E., to Armco Steel Corp. Furnace tensiometer. 3,206,972, 9–21–65, Cl. 73—144.
Brys, Harry E., to Armco Steel Corp. Automatic gauge and tension control system. 3,212,310, 10–19–65, Cl. 72—12.
Bryson, Henry K., and G. F. Munns, 25% to M. A. Juten. Tamper indicating casing for locks. 3,209,569, 10–5–65, Cl. 70—440.
Bryson, James G., to Carrier Corp. Cabinet construction. 3,167,931, 2–2–65, Cl. 62—273.
Bryson, James G., and R. J. Creech, to Carrier Corp. Sealing arrangement. 3,201,833, 8–24–65, Cl. 20—69.
Bryson, James R., and R. R. Cassilly, to United States of America, Army. Muffler having spaced frusto-conical baffle plates with perforated center tube and attached cooling fins. 3,187,834, 6–8–65, Cl. 181—44.
Brzustowski, Jerzy M.: *See*—
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Bsharah, Lewis: *See*—
Barton, Bernard C., De Decker, and Bsharah. 3,179,149.
Bua, Ettore, A. Malatesta, and A. Negromanti, to Montecatini, Societa Generale per l'Industria e Chimica. Method for the polymerization of ethylene using a catalyst of titanium or vanadium tetrachloride and tetraethyl lead. 3,208,989, 9–28–65, Cl. 260—94.9.
Bua, William J.: *See*—
Marquez, Ralph, and Bua. 3,195,265.
Bubelis, Gediminas J., to Supreme Products Corp. Hand-held combined rotary and reciprocable tool. 3,181,280, 5–4–65, Cl. 51—170.
Bubniak, William C., to General Motors Corp. Regenerator seal mount. 3,187,805, 6–8–65, Cl. 165—9.
Bubniak, William C., R. J. Moffat, and J. R. Mondt, to General Motors Corp. Regenerative heat exchanger. 3,181,603, 5–4–65, Cl. 165—9.
Buc, Dolores M.: *See*—
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Freyermuth, Harlan B., Randall, and Buc. 3,170,914.
Freyermuth, Harlan B., Randall, and Buc. 3,193,546.
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Freyermuth, Harlan B., Randall, and Buc. 3,170,912.
Freyermuth, Harlan B., Randall, and Buc. 3,170,914.
Freyermuth, Harlan B., Randall, and Buc. 3,193,546.
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Buccicone, Dario, to Bucciconi Engineering Co., Inc. Metal sheet handling apparatus. 3,172,526, 3–9–65, Cl. 198—41.
Buccicone, Dario, to Bucciconi Engineering Co., Inc. Bundle turning machine. 3,184,079, 5–18–65, Cl. 214—1.
Buccicone, Dario, to Bucciconi Engineering Co. Inc. Magnetic conveyor. 3,199,654, 8–10–65, Cl. 198—41.
Bucciconi Engineering Co., Inc.: *See*—
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Bucciconee, Dario. 3,184,079.
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Bucek, Edward P., and W. Stier, to Curtis-Electro Lighting, Inc., Lighting fixture with air diffuser. 3,172,350, 3–9–65, Cl. 98—40.
Bucek, Hans: *See*—
Berghaus, Bernhard, and Bucek. 3,190,772.
Bucellato, John, to Sattler Mfg. Corp. Securement means for a stove grate. 3,170,457, 2–23–65, Cl. 126—214.
Buch, Philip O., to Stapling Machines Co. Lined wirebound container. 3,187,921, 6–8–65, Cl. 217—3.
Bucha, Harry C., and M. L. Essick, to E. I. du Pont de Nemours and Co. Spray drift corrosion inhibition in sprayable herbicides of polychlorobenzoic acids. 3,219,429, 11–23–65, Cl. 71—2.6.
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Rosengarten, Walter E., Jr., Flower, and Buchanan. 3,178,793.
Buchanan Electrical Products Corp.: *See*—
Haucke, Paul A. 3,173,513.
Ustin, George. 3,171,939.
Ustin, George. 3,194,926.
Ustin, George. 3,203,078.
Ustin, George, and Netta. 3,167,107.
Ustin, George, and Netta. 3,170,501.
Buchanan Eugene E. Menu rack backer. 3,214,028, 10–26–65, Cl. 211—13.
Buchanan, J. D., to Bell Aerospace Corp. Dry coil servo valve. 3,221,760, 12–7–65, Cl. 137—82.
Buchanan, James B., and W. A. Gregory, to E. I. du Pont de Nemours and Co. Trifluoromethyl sulfone. 3,207,792, 9–21–65, Cl. 260—607.
Buchanan, James L., J. R. Swanson, and W. B. Zelina, to General Electric Co. Direct current controlled rectifier system. 3,192,468, 6–29–65, Cl. 323—22.
Buchanan, James L., and W. B. Zelina, to General Electric Co. Solid-state controlled rectifier voltage regulating system. 3,201,679, 8–17–65, Cl. 322—25.
Buchanan, John D. Rotary mower blade. 3,176,455, 4–6–65, Cl. 56—295.
Buchanan, Lucian F. Internal combustion engine exhaust valve assembly. 3,168,083, 2–2–65, Cl. 123—84.
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Buchanan, Stephen N. Connector system and method of making wire connection. 3,177,458, 4–6–65, Cl. 339—99.
Buchanan, Stephen N., and W. S. Pawl. Insulated splicer cap. 3,226,471, 12–28–65, Cl. 174—87.
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Buchanan, William V., and R. D. Muir, to Command Mfg. Co., Inc. Phonograph-record carrier. 3,224,655, 12–21–65, Cl. 224—48.
Bucheimer-Clark Leather Goods Corp.: *See*—
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Clark, Earl J. 3,200,021.
Buchele, Donald R., A. Krsek, Jr., M. W. Tiefermann, to United States of America, National Aeronautics and Space Administration. Optical torquemeter. 3,196,675, 7–27–65, Cl. 73—136.
Bucher, Foster L., to Dahlman Mfg. & Sales, Inc. Vine pulling apparatus. 3,167,132, 1–26–65, Cl. 171—27.
Bucher, Fred: *See*—
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Bucher, Siegfried. Pack board. 3,184,128, 5–18–65, Cl. 224—25.
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Buchholz, Arnold R., G. V. Johnson, and A. Krause, to Brandt Automatic Cashier Co. Paper currency counter. 3,214,096, 10–26–65, Cl. 235—98.

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Buchholz, Bernard, T. E. Deger, and R. H. Goshorn, to Pennsalt Chemicals Corp. Preparation of cyclic thioethers. 3,1797,483, 7–27–65, Cl. 260—332.8.
Buchik, George C., and F. J. Cullen, to Cullen-Friestedt Co. Multiple rail lifter. 3,220,760, 11–30–65, Cl. 294—81.
Buchler, Waldemar, to Bopp & Reuther G.m.b.H. Rotary meters for fluids. 3,188,863, 6–15–65, Cl. 73—261.
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Buchmeyer, Henry W., to Texas Instruments Inc. Transistorized relay circuit. 3,194,972, 7–13–65, Cl. 307—88.5.
Buchmuller, Walter, to L. O. Pearson. Training ski. 3,178,194, 4–13–65, Cl. 280—11.13.
Buchner, Bernard: *See*—
Curtis, George G., and Buchner. 3,207,661.
Buchner, Bernard, and A. F. Jackson, to The American Agricultural Chemical Co. Stabilization of polyvinyl chloride by oxo alcohol-derived tri-alkyl phosphites and barium-cadmium phenolates. 3,207,723, 9–21–65, Cl. 260—45.7.
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Alt, Ernst, Buchner, Reges, and Horak. 3,180,329.
Werner, William, Siebler, Alt and Buchner. 3,212,485.
Buchner, Hans, to G. M. Pfaff, AG. Ironing machine. 3,184,870, 5–25–65, Cl. 38—59.
Büchner, Hans, to G. M. Pfaff AG. Reversible motor controlled ironing machine. 3,208,169, 9–28–65, Cl. 38—61.
Buchner, Marvin K., to FMC Corp. Apparatus for splitting and pitting fruit. 3,219,080, 11–12–65, Cl. 146—28.
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Buchner, Norbert, to Fr. Hesser, Maschinenfabrik-Aktiengesellschaft. Chamber for the evacuation and gas treatment of packages. 3,220,157, 11–30–65, Cl. 53—86.
Buchner, Norbert, to Fr. Hesser, Maschinenfabrik-Aktiengesellschaft. Method of manufacturing infusion bags. 3,222,-235, 12–7–65, Cl. 156—73.
Buchsbaum, Norbert N., and M. O. Sorensen, to Halcon International, Inc. Production of paraxylene. 3,177,264, 4–6–65, Cl. 260—674.
Buchwald, Fritz, to International Standard Electric Corp. Arrangement for avoiding double pull-offs in systems serving singling-out of flat articles. 3,194,552, 7–13–65, Cl. 271—26.
Buchwald, Robert M., to General Motors Corp. Vehicle body closure. 3,216,760, 11–9–65, Cl. 296—76.
Buchwald, Rudolf, to Patent Freuhand-Gesellschaft fur Elektrische Gluhlampen m.b.H. High-pressure discharge lamp inlead construction. 3,205,395, 9–7–65, Cl. 313—256.
Buck, Andre G., and F. W. Kruse, Jr. System for electronic pictorial position comparison. 3,209,352, 9–28–65, Cl. 343—7.
Buck, Arthur W. X-ray film cassette. 3,191,032, 6–22–65, Cl. 250—68.
Buck, Edwin H., to Electro-Mechanical Research, Inc. Phase detector employing bistable circuits. 3,205,438, 9–7–65, Cl. 324—83.
Buck, Elwood W., Jr. Panel. 3,208,109, 9–28–65, Cl. 20—19.
Buck, Hedwig: *See*—
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Buck, Henricus M., L. J. Oosterhoff, and J. H. Lupinski, to Shell Oil Co. Catalyst systems comprising aluminum trihalide nitromethane and a third component. 3,190,838, 6–22–65, Cl. 252—429.
Buck, Immanuel. Dial, particularly for use in telephone apparatus or the like. 3,167,616, 1–26–65, Cl. 179—90.
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Buck, Willard E. 3,215,917.
Buck, James C.: *See*—
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Clarke, Robert L., and Buck. 3,198,802.
Clarke, Robert L., and Buck. 3,198,835.
Cutler, Royal A., and Buck. 3,207,779.
Buck, Lloyd P., and R. H. Hess. Punch confetti remover. 3,194,095, 7–13–65, Cl. 83—100.
Buck, Phillis G.: *See*—
Clarke, Robert L., and Buck. 3,198,794.
Clarke, Robert L., and Buck. 3,198,802.
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Cutler, Royal A., and Buck. 3,207,779.
Buck, Robert D., to International Business Machines Corp. Selective data transfer system. 3,184,741, 5–18–65, Cl. 343—17.1.
Buck, Russell E., to Buck Tool Co. Adapter for mounting expanding mandrel on a chuck. 3,167,325, 1–26–65, Cl. 279—1.
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Buck, Willard E. Reflectance-type motion picture camera. 3,196,457, 7–20–65, Cl. 352—109.
Buck, Willard E., to Beckman & Whitley, Inc. Revolution velocity doubler. 3,212,100, 10–12–65, Cl. 352—109.
Buck, Willard E., to Buck Instrument Co. Electrically driven timing device. 3,215,917, 11–2–65, Cl. 318—129.
Buck, William B., and G. I. Freeze, to Phillips Petroleum Co. Reinforced corrosion resistant conduit. 3,192,955, 7–6–65, Cl. 138—140.
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Brown, Silas A. 3,199,430.
Brown, Silas A. 3,213,658.
Frantzen, John J. 3,186,883.
Frantzen, John J., Jr. 3,214,273.
Buckelew, Thomas A. Swimming pool cleaning devices. 3,188,668, 6–15–65, Cl. 15—1.7.
Buckeridge, Robert L., to True Temper Corp. Method of and means for controlling casting of a fishing line. 3,222,813, 12–14–65, Cl. 43—25.
Buckey, Don L., and H. Lankford, to McDonnell Aircraft Corp. Keyed connector for plugs and sockets having non-interchangeable coupling means. 3,194,588, 7–13–65, Cl. 285—18.
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Buckingham, Arthur G., T. P. Haney, J. W. Knight, and D. W. Roese, to Westinghouse Electric Corp. Control apparatus for spacecraft. 3,189,298, 6–15–65, Cl. 244—1.
Buckingham, Edgar C., to Super-Temp Corp. Smoking element. 3,185,163, 5–25–65, Cl. 131—194.
Buckingham, William D., to The Western Union Telegraph Co. Nuclear flash simulator. 3,171,057, 2–23–65, Cl. 315—241.
Buckingham, William D., F. T. Turner, and A. E. Hildreth, Jr., to The Western Union Telegraph Co. Character recognition system and apparatus. 3,170,138, 2–16–65, Cl. 340—146.3.
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Papp, Grace P., and Buckler. 3,214,457.
Buckler, Sheldon A., and M. Epstein, to American Cyanamid Co. Reaction product of an organic diisocyanate with a primary phosphine or primary phosphine oxide. 3,213,042, 10–19–65, Cl. 260—2.
Buckley, Daniel F. Apparatus to convert oil to gas. 3,164,-450, 1–5–65, Cl. 48—106.
Buckley, Donald: *See*—
Andrew, Herbert F., and Buckley. 3,198,782.
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Buckman, Stanley J., Pera, and Raths. 3,193,448.
Pera, John D., and Sharpley. 3,198,733.
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Buckman, Stanley J., and J. D. Pera, to Buckman Laboratories, Inc. Barium titanium borate, pigments containing the same, and processes for their production. 3,183,111, 5–11–65, Cl. 106—299.
Buckman, Stanley J., J. D. Pera, F. W. Raths, to Buckman Laboratories, Inc. Control of slime in aqueous liquids with a mono-substituted 2-bromoacetophenone. 3,193,448, 7–6–65, Cl. 162—161.
Buckman, Stanley J., J. D. Pera, and W. P. Purcell. Corrosion inhibitor and method of using the same. 3,199,989, 8–10–65, Cl. 106—14.
Buckminster, Lloyd A., to Textron, Inc. Lens blocks. 3,192,-676, 7–6–65, Cl. 51—216.
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Bucknell, Ernest H., and I. A. Ward; 5% to R. E. Bletcher (deceased), 3⅓% to J. H. Bletcher (trustee), 10% to P. W. Bletcher, 10% to H. S. Brondum, 8% to C. Robertson, 1% to K. Robertson (trustee), 2⅔% to G. B. Robertson, 8% to J. H. Bletcher, 2% to R. J. Bletcher, 8% to E. H. Bucknell, 4½% to M. Glauber (trustee), 12½% to estate of M. Bucknell (deceased), 2½% to M. B. Liston, and 4½% to D. G. Liston (trustee). Removable cartridge type mixing valve. 3,173,444, 3–16–65, Cl. 137—454.6.
Bucknell, Ernest H., and I. A. Ward, 5% to Estate of R. E. Bletcher, deceased, 3⅓% to J. H. Bletcher, trustee, 10% to P. W. Bletcher, 10% to H. S. Brondum, 8% to C. Robertson, 1% to K. Robertson, trustee, 2⅔% to G. B. Robertson, 8% to J. H. Bletcher, 2% to R. J. Bletcher, 8% to E. H. Bucknell, 4½% to M. Glauber, trustee, 12½% to Estate of M. Bucknell, deceased, 20½% to M. B. Liston, and 4½% to D. G. Liston, trustee. Detergent dispenser. 3,176,716, 4–6–65, Cl. 137—604.

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Bucknell, Ernest H., and Ward. 3,176,716.
Buckner, Dean A., to Bausch & Lomb Inc. Method for forming dielectric elements. 3,185,750, 5–25–65, Cl. 264—294.
Buckner, Jewell A., to Morpul Research Corp. Vehicle trailer spring suspension, load spring suspension, and frame raising and lowering means. 3,185,330, 5–25–65, Cl. 214—506.
Buckner, Louis H. Mathematical game. 3,204,345, 9–7–65, Cl. 35—31.
Bucks, Karl E., and J. H. Calviou, to The Plessey Co. Ltd. Cooling systems. 3,200,881, 8–17–65, Cl. 165—104.
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Nomine, Gerard, and Bucourt. 3,207,664.
Nominé, Gerard, Bucourt, and Pierdet. 3,179,660.
Nomine, Gerard, Bucourt, and Pierdet. 3,198,707.
Nomine, Gerard, Bucourt, and Tessier. 3,176,031.
Nomine, Gerard, Bucourt, and Tessier. 3,186,907.
Nomine, Gerard, Warnant, Bucourt, Vignau, Jolly, and Pierdet. 3,168,530.
Bucourt, Robert, to Roussel-UCLAF. Heparin derivatives and methods for preparing same. 3,201,312, 8–17–65, Cl. 167—74.
Bucourt, Robert, to Roussel-UCLAF. Heparin derivatives and methods of making same. 3,207,665, 9–21–65, Cl. 167—74.
Bucourt, Robert, to Roussel-UCLAF. Heparin derivatives and method of making same. 3,210,250, 10–5–65, Cl. 167—74.
Bucourt, Robert F., to Roussel-UCLAF. Heparine derivatives and process for preparation and utilization. 3,211,617, 10–12–65, Cl. 167—74.
Bucy, Harry R. Fluid pressure actuated mechanism. 3,181,435, 5–4–65, Cl. 92—110.
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Baer, Josef. 3,188,756.
Baer, Josef. 3,219,214.
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Reischl, Karl E. 3,198,263.
Reischl, Karl E. 3,212,593.
Zimmerman, John G., and Clark. 3,182,830.
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Dean, Albert G. 3,173,274.
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Dean, Albert G., and Hermann. 3,168,960.
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Donelson, George R. 3,193,403.
Eggert, Walter S., Jr. 3,173,383.
Eggert, Walter S., Jr. 3,178,550.
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Herbert, Thomas M. 3,189,128.
Herring, James M., Jr. 3,194,365.
Hiemenz, George C., and Zeligowsky. 3,205,337.
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Zeder, John H., Jr. 3,197,996.
Budd, Larry J., to Pallet Devices, Inc. Cushioned packing insert. 3,202,335, 8–24–65, Cl. 229—14.
Budd, Larry J., to Pallet Devices, Inc. Method and apparatus for packaging rolls. 3,214,015, 10–26–65, Cl. 206—65.
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Budde, Paul B., to The Dow Chemical Co. Process for the preparation of salicylaldehyde. 3,206,513, 9–14–65, Cl. 260—600.
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Buddecke, Heinrich. Method and apparatus for pulling yarn from a yarn pack. 3,178,123, 4–13–65, Cl. 242—54.
Budden, Anthony J.: *See*—
Gilbert, Lynford W., and Budden. 3,189,890.
Buddenhagen, Gunter. Regulating device for powder nozzles. 3,224,748, 12–21–65, Cl. 266—23.
Buddenhagen, Theodore F., to Bell Aerospace Corp. Binary input servomechanism. 3,225,346, 12–21–65, Cl. 340—347.
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Fingerle, William, Jr. 3,177,302.
Fingerle, William, Jr., and Howlett. 3,177,303.
Budesheim, Georg F. R., to J. A. Schmalbach Aktiengesellschaft. Apparatus for the manufacture of blown, hollow articles. 3,224,038, 12–21–65, Cl. 18—5.
Büdi, Joseph B. Audible signal device for indicating movement of a game piece. 3,179,416, 4–20–65, Cl. 273—137.
Budin, Francois, and P. Chaix, to Compagnie Generale d'Electricite. Storage battery assembly machines. 3,210,833, 10–12–65, Cl. 29—204.
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Budnick, Gunther, deceased, by T. Budnick, heir and legal representative of minor children of said G. Budnick. Method of controlling the relative movement of two moved bodies, and device therefor. 3,204,532, 9–7–65, Cl. 90—4.
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Budzich, Tadeusz. Cylinder barrel suspension for fluid pressure energy translating device. 3,208,395, 9–28–65, Cl. 103—162.
Budzich, Tadeusz, and A. Pitt. Fluid distributing and circulating system. 3,166,905, 1–26–65, Cl. 60—53.
Budzich, Tadeusz, and A. Pitt. Fluid power synchronizing drive. 3,180,080, 4–27–65, Cl. 60—19.
Budzich, Tadeusz, and R. I. Bruder, to Litton Industries, Inc. Oven apparatus. 3,193,663, 7–6–65, Cl. 219—405.
Budzich, Tadeusz, and A. Pitt. Piston return mechanism. 3,207,082, 9–21–65, Cl. 103—162.
Budzich, Tadeusz, and A. Pitt. Fluid pressure control system. 3,208,396, 9–28–65, Cl. 103—162.
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Buffet, Jean, to Compagnie du Filage des Metaux et des Joints Curty. Hot extrusion of materials. 3,182,474, 5–11–65, Cl. 72—41.
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Buhrmaster, Bruce O., to All-Steel Equipment Inc. Chair base construction. 3,186,669, 6–1–65, Cl. 248—158.
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Bull, James T., I. M. Dow, W. E. Engle, W. J. Kellinger, J. M. O'Keefe, H. N. Schofield, and R. E. Taylor, to United States of America, Navy. Missile launching system. 3,222,988, 12–14–65, Cl. 89—1.7.
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Bennett, William O., Mutter, and Van Haaften. 3,221,190.
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Bumpious, Doyle A., to International Harvester Co. Steering and support device. 3,167,327, 1–26–65, Cl. 280—464.
Bunch, Wilbur L., to United States of America, Atomic Energy Commission. Mounting of fuel tube in reactor shielding. 3,216,903, 11–9–65, Cl. 176—40.
Bundschuh, John J., to Eastman Kodak Co. Photographic flash unit. 3,184,584, 5–18–65, Cl. 240—1.3.
Bundus, Robert H.: *See*—
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Bundy, Francis P., to General Electric Co. High density germanium. 3,186,835, 6–1–65, Cl. 75—134.
Bundy, Francis P., to General Electric Co. Method for converting hexagonal boron nitride to a new structure. 3,212,852, 10–19–65, Cl. 23—191.
Bundy, Francis P., and R. H. Wentorf, Jr., to General Electric Co. High pressure die. 3,179,979, 4–27–65, Cl. 18—16.5.
Bundy, Francis P., and R. H. Wentorf, Jr., to General Electric Co. Boron nitride having a new structure. 3,212,851, 10–19–65, Cl. 23—191.
Bundy, Maurice G., to The Industrial Fumigant Co. Fluid dispensing gun. 3,174,660, 3–23–65, Cl. 222—424.5.
Bundy, Maurice G., to The Industrial Fumigant Co. Material operated liquid metering device. 3,176,885, 4–6–65, Cl. 222—309.
Bundy, Oswald M., and E. L. Feil, to The Clark Controller Co. Electrical control relay with removable magnet assembly. 3,178,534, 4–13–65, Cl. 200—87.
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Bundy, Wayne M., to Georgia Kaolin Co. Hydrophobic organophilic particulate matter. 3,211,565, 10–12–65, Cl. 106—308.
Bundy, William C., to Bundy Co. Container. 3,176,743, 4–6–65, Cl. 150—42.
Bungardt, Karl, to Deutsche Edelstahlwerke Aktiengesellschaft. Method of producing dispersion-hardened metal alloys. 3,203,781, 8–31–65, Cl. 75—5.
Bungardt, Karl, and H. Dietrich, to Deutsche Edelstahlwerke Aktiengesellschaft. Magnetic circuit means and alloy components of constant magnetic permeability therefor. 3,170,112, 2–16–65, Cl. 324—34.
Bungardt, Karl, and G. Becker, to Howe Sound Co. Article of manufacture having a chromium alloy base and a vapor diffused aluminized surface. 3,226,207, 12–28–65, Cl. 29—197.
Bungardt, Walter, to Th. Goldschmidt A.-G. Method of producing bearing and like structures for shafts, spindles and similar elements. 3,172,797, 3–9–65, Cl. 156—283.
Bungardt, Walter, to Ronson Corp. Extruded flints and process for making same. 3,203,790, 8–31–65, Cl. 75—152.
Bungardt, Walter, to Th. Goldschmidt A.-G. Extruded flints and process for making same. 3,219,443, 11–23–65, Cl. 75—152.
Bunge, Fred H., R. E. Baarson, and H. B. Treweek, to Armour and Co. Separating finely-divided minerals. 3,179,250, 4–20–65, Cl. 209—166.
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Bunge, Wilhelm, and O. Bayer, to Farbenfabriken Bayer Aktiengesellschaft. Triaryl cyanurate polymeric composition. 3,205,200, 9–7–65, Cl. 260—75.
Bunge, Wilhelm, and O. Bayer, to Farbenfabriken Bayer Aktiengesellschaft. Polyesters and polyurethanes from 5-amino benzene-1,3-dicarboxylic acid. 3,213,065, 10–19–65, Cl. 260—75.
Bunger, David A., to D. H. Baldwin Co. Tapered spring reverberation delay line. 3,199,053, 8–3–65, Cl. 333—30.
Bunger, Dennen J., to The Bendix Corp. Radial-flow turbine safety. 3,175,804, 3–30–65, Cl. 253—77.
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Maeder, Heinz-Jochem, and Bunger. 3,212,723.
Bungeroth, Adolf, and E. Scheufele, to Mannesmann Aktiengesellschaft. Continuous casting mold. 3,203,055, 8–31–65, Cl. 22—57.2.
Buning, Robert, to Dynamit Nobel Aktiengesellschaft. Process for the polymerization of vinylchloride with a catalyst mixture of trialkyl aluminum and boric acid-trialkyl ester. 3,167,534, 1–26–65, Cl. 260—92.8.
Buning, Robert, to Dynamit Nobel Aktiengesellschaft. Process for the polymerization of vinyl chloride with a catalyst mixture of trialkyl aluminum and boric acid trialkyl ester and a cocatalyst. 3,169,949, 2–16–65, Cl. 260—92.8.
Büning, Robert, to Dynamit Nobel, A.G. Polymerization of vinylchloride in presence of aluminum trialkyl and oxygen. 3,216,985, 11–9–65, Cl. 260—92.8.
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Amdahl, Lowell D., Brian, Scarbrough, Schneberger, and Koerner. 3,226,688.
Amdahl, Lowell D., Brian, Scarbrough, Schneberger, and Koerner. 3,226,689.
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Bunker, Ward, to General Motors Corp. Pedal mount. 3,179,017, 4–20–65, Cl. 91—391.
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Ayres, Walter D., Jr. 3,189,163.
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Bunn, Benjamin H., to B. H. Bunn Co. Method of tying bundles while said bundles are in motion. 3,200,738, 8–17–65, Cl. 100—3.
Bunnell, Glenn R., to Special Engineering Service, Inc. Pneumatic controlling and cushioning device. 3,215,229, 11–2–65, Cl. 188—97.
Bunnell, Neal E. Camping body loading and unloading device. 3,186,570, 6–1–65, Cl. 214—515.
Bunnelle, Philip R., to FMC Corp. Speed control mechanism for variable speed pumping units. 3,187,510, 6–8–65, Cl. 60—54.
Bunnelle, Philip R., to FMC Corp. Variable speed coupling. 3,210,940, 10–12–65, Cl. 60—54.
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Bunt, Edgar A., and H. L. Olsen, to United States of America, Navy. Arc plasma generator. 3,182,176, 5–4–65, Cl. 219—121.
Buntenbach, Rudolph W., to General Precision, Inc. Charging circuit for exploding bridge wires. 3,166,689, 1–19–65, Cl. 317—80.
Buntenbach, Rudolph W., to General Precision, Inc. 3 plate proximity scorer. 3,218,623, 11–16–65, Cl. 340—258.
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Buntin, George A., to Hercules Powder Co. Preparation of alicyclic amines. 3,173,950, 3–16–65, Cl. 260—563.
Buntin, George A., to Hercules Powder Co. Chlorinated camphrene-dichlorocarbene adduct and use as insecticide. 3,208,904, 9–28–65, Cl. 161—30.
Buntin, George A., and W. R. Diveley, to Hercules Powder Co. Norbornyl-1,1-dimethyl ureas and thioureas and use as herbicides. 3,174,843, 3–23–65, Cl. 71—2.6.
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Bunting, Wilfred H., N. H. Wyatt, and B. Caiger, to Vickers-Armstrongs (Engineers) Ltd. Air cushion vehicle skirt. 3,219,135, 11–23–65, Cl. 180—7.
Bunting, William W., Jr., R. Meagher, K. G. Swayne, and J. P. Work, to E. I. du Pont de Nemours and Co. Yarn handling apparatus. 3,175,290, 3–30–65, Cl. 30—228.
Bunting, William W., Jr., R. Meagher, K. G. Swayne, and J. P. Work, to E. I. du Pont de Nemours and Co. Yarn-handling method. 3,191,831, 6–29–65, Cl. 225—4.
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Göbel, Johannes. 3,214,402.
Gobel, Johannes. 3,215,575.
Bunze, Harry F. Aircraft critical acceleration indicating device. 3,213,683, 10–26–65, Cl. 73—178.
Bunze, Harry F. Dual fuel carburetion system. 3,223,390, 12–14–65, Cl. 261—18.
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Buono, Frank S., to Becton, Dickinson and Co. Closed system urinary drainage set. 3,186,410, 6–1–65, Cl. 128—275.
Buono, Frank S., to Becton, Dickinson and Co. Stopcock. 3,186,437, 6–1–65, Cl. 137—625.42.
Buono, Frank S., to Becton Dickinson and Co. Bulb-type syringe. 3,215,142, 11–2–65, Cl. 128—232.
Bur, Armand. Car dumper sampling means. 3,222,934, 12–14–65, Cl. 73—421.

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Buraas, Vincent S. Liquid pressure opened valve for a spray nozzle. 3,164,326, 1–5–65, Cl. 239—453.
Buralli, Ceaser. Seat cover for bucket seats. 3,180,681, 4–27–65, Cl. 297—224.
Buralli, Ettore, to Remital Societa per Azioni Studio e Realizzazioni Elettromeccaniche. Machine for shearing and winding of a magnetic strip to form stators for electric axial gap motors. 3,206,962, 9–21–65, Cl. 72—27.
Buratti, Lodovico N. Pool cleaning tool. 3,192,678, 7–6–65, Cl. 51—390.
Burback, John R. Shields for rear engined automobiles. 3,185,243, 5–25–65, Cl. 180—54.
Burbank, John E., to Scovill Mfg. Co. Coil forming method and apparatus. 3,168,606, 2–2–65, Cl. 264—281.
Burbank, John E., to Scovill Mfg. Co. Coil forming method and apparatus for zipper fasteners. 3,170,014, 2–16–65, Cl. 264—281.
Burbank, John E., to Trak Microwave Corp. Microwave oscillator having improved cathode-ring connection structure. 3,173,105, 3–9–65, Cl. 331—98.
Burbank, John E., to Scovill Mfg. Co. Process and apparatus for molding zipper fasteners. 3,196,196, 7–20–65, Cl. 264—251.
Burbank, Robert C.: *See*—
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Burbig, Henry. Amusement dispensing device. 3,217,928, 11–16–65, Cl. 222—78.
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Burch, Elton W., to Thin-Flex, Inc. Garment fastener. 3,197,838, 8–3–65, Cl. 24—263.
Burch Franch, Martin. Internal combustion engines. 3,224,426, 12–21–65, Cl. 123—191.
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Burch, Homer A., and L. E. Benjamin, to The Norwich Pharmacal Co. 6-(5-nitro-2-furyl)-3-pyridazinones. 3,164,595, 1–5–65, Cl. 260—250.
Burch, James B., and J. A. White, to Hugh T. Baker & Co. Cargo gate. 3,164,395, 1–5–65, Cl. 280—179.
Burch, James R., and R. L. Chace, to General Electric Co. Electromagnetic relay having removable contact and coil assemblies. 3,198,910, 8–3–65, Cl. 200—104.
Burch, Lyndon W., and M. K. Parkhurst. W blade thermostat with free-ended moment arm. 3,196,233, 7–20–65, Cl. 200—113.
Burch, Lyndon W. and H. K. Snap-acting mechanisms. 3,213,228, 10–19–65, Cl. 200—67.
Burch, Oscar G., to Owens-Illinois Glass Co. Apparatus for melting glass. 3,208,841, 9–28–65, Cl. 65—179.
Burch, Warren E., to Cities Service Research and Development Co. Treatment of a crude hydrocarbon oil in several stages to produce refined lower boiling products. 3,175,966, 3–30–65, Cl. 208—79.
Burch, Warren E., and R. P. Van Driesen, to Cities Service Research and Development Co. Hydrogenation cracking process in two stages. 3,215,617, 11–2–65, Cl. 208—59.
Burchell, Lloyd S., to General Electric Co. Adjustable X-ray field defining cone and field size indicating means. 3,206,-604, 9–14–65, Cl. 250—105.
Burchert, Walter, and O. Schiphorst. Rotary drum vacuum filter. 3,220,554, 11–30–65, Cl. 210—217.
Burchett, Ray L., to Jacques Kreisler Mfg. Corp. Flint feeding mechanism for lighters. 3,176,481, 4–6–65, Cl. 67—7.1.
Burchett, Ray L., to Jacques Kreisler Mfg. Corp. Regulatable lighter valve. 3,186,603, 6–1–65, Cl. 222—189.
Burchett, Ray L., to Jacques Kreisler Mfg. Corp. Valve shut-off device for gas fuel reservoir. 3,194,435, 7–13–65, Cl. 222—3.
Burchett, Ray L., to Jacques Kiesler Mfg. Corp. Refill valve for gas lighter. 3,217,762, 11–16–65, Cl. 141—349.
Burchett, Ray L., and K. Speck, to Jacques Kreisler Manufacturing Corp. Lighter construction. 3,180,116, 4–27–65, Cl. 67—7.1.
Burckhalter, Joseph H., to Parke Davis & Co. Phenylpropanol derivatives and their production. 3,170,928, 2–23–65, Cl. 260—294.8.
Burckhalter, Robert N., to Commercial Filters Corp. Multiple discharge starting device. 3,219,235, 11–23–65, Cl. 222—5.
Burckhardt, Manfred H., to Daimler-Benz Aktiengesellschaft. Centrifugal clutch with vibration damper. 3,190,422, 6–22–65, Cl. 192—105.
Burckhardt, Manfred H., to Daimler-Benz Aktiengesellschaft. Hydrodynamic torque converter. 3,220,186, 11–30–65, Cl. 60—54.
Burckhardt, Manfred H., and O. Röder, to Daimler-Benz Aktiengesellschaft. Fan drive for vehicles. 3,211,136, 10–12–65, Cl. 123—41.12.
Burd, Richard H., to E. I. du Pont de Nemours and Co. Chlorinated polyethylene-acrylate coating for chlorosulfonated polyethylene. 3,202,628, 8–24–65, Cl. 260—32.8.
Burd, Thomas W. Automatic feed control device. 3,172,-323, 3–9–65, Cl. 83—225.
Burden, Clive A., and F. S. Wylie, to The British Oxygen Co. Ltd. Electric welding. 3,205,339, 9–7–65, Cl. 219—126.
Burden, Robert W., to Ling-Temco-Vought, Inc. Actuator. 3,202,062, 8–24–65, Cl. 92—85.
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Burdeno, Lawrence T., to R. B. Moore. Index rotor with plural heads for magnetic tape recorders. 3,185,484, 5–25–65, Cl. 274—4.
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Burdett, Harold D. Fence structure. 3,193,255, 7–6–65, Cl. 256—19.
Burdett, Jasper A.: *See*—
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Burdett, John C., to Westinghouse Electric Corp. Unbalance control for washing machines. 3,209,561, 10–5–65, Cl. 68—24.
Burdett, Joseph W., to Shell Oil Co. Countercurrent flow centrifugal exchangers. 3,221,985, 12–7–65, Cl. 233—15.
Burdett, Joseph W., and K. E. Train, to Shell Oil Co. Centrifugal exchangers. 3,221,986, 12–7–65, Cl. 233—15.
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Burdick, Richard L., W. E. Brown, and J. E. Bilbro, to Thermon Mfg. Co. Heat transfer cement and panel constructions. 3,224,501, 12–21–65, Cl. 165—81.
Burdine, Nathan T., to Socony Mobil Oil Co., Inc. Method for drilling a borehole. 3,205,954, 9–14–65, Cl. 175—57.
Burditt, Frederic M. Stand for bicycles and the like. 3,202,-289, 8–24–65, Cl. 211—22.
Burdorf, Donald L.: *See*—
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Burdwood, Howard A. Machine for stripping insulation from cables. 3,176,549, 4–6–65, Cl. 81—9.51.
Bureau, Raymond. Votive lamp. 3,204,433, 9–7–65, Cl. 67—80.
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Parker, Robert B. 3,202,371.
Burfeindt, Karl L., to United Aircraft Corp. Overload protection circuit. 3,219,911, 11–23–65, Cl. 323—22.
Burfiend, Lloyd W. Safety prop. 3,173,644, 3–16–65, Cl. 248—356.
Burford, Earl E. Method and apparatus for tying bales. 3,202,087, 8–24–65, Cl. 100—3.
Burford, Robert M., W. V. Bault, and P. O'Neill, to Pennsalt Chemicals Corp. Chemical apparatus and method. 3,207,-365, 9–21–65, Cl. 222—1.
Burg, Anton B., and R. I. Wagner, to American Potash & Chemical Corp. B-halo phosphine borines. 3,188,345, 6–8–65, Cl. 260—543.
Burg, Elmer. Signal control system. 3,171,893, 3–2–65, Cl. 179—1.
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Burg, Marion, to E. I. du Pont de Nemours and Co. Diazothioether heterocyclic compounds. 3,192,194, 6–29–65, Cl. 260—141.
Burg, Marion, to E. I. du Pont de Nemours and Co. Photopolymerizable composition and element. 3,203,802, 8–31–65, Cl. 96—87.
Burg, Marion, to E. I. du Pont de Nemours and Co. Wax-coated photopolymerizable elements and processes for using same. 3,203,805, 8–31–65, Cl. 96—115.
Burg, Marion, to E. I. du Pont de Nemours and Co. 4-(2-cyano-2-propylazo) anisole. 3,222,356, 12–7–65, Cl. 260—193.
Burg, Marion, and A. B. Cohen, to E. I. du Pont de Nemours and Co. Photopolymerizable elements containing light stable coloring materials. 3,218,167, 11–16–65, Cl. 96—85.
Burgarella, John P., and M. S. Dietz, to Polaroid Corp. Photographic apparatus. 3,191,511, 6–29–65, Cl. 95—10.
Burgarella, John P., and J. M. Topaz, to Polaroid Corp. Shutter timing apparatus. 3,205,799, 9–14–65, Cl. 95—10.
Burgarella, John P., and J. M. Topaz, to Polaroid Corp. Shutter timing apparatus. 3,205,803, 9–14–65, Cl. 95—53.
Burgdorf, Kurt, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Nitrodiaminobenzenes and process for preparing them. 3,187,048, 6–1–65, Cl. 260—578.
Burge, Leonard L., to Sinclair Research, Inc. Method for consolidating loose sandy material. 3,223,161, 12–14–65, Cl. 166—33.

Burge, Leonard L., to Sinclair Research, Inc. Polymerization method. 3,223,162, 12–14–65, Cl. 166—33.
Burgen, Samuel. Anti-skid device. 3,165,137, 1–12–65, Cl. 152—236.
Burgeni, Alfred A., and J. C. Simkevich, to Johnson & Johnson. Surgical absorbent pad having ion exchange properties. 3,187,747, 6–8–65, Cl. 128—156.
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Burger, Fremont W. Gyroscopic presentation. 3,197,881, 8–3–65, Cl. 33—204.
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Burger, Herbert. Vacuum pump with rotating piston and a vertically arranged rotor. 3,217,977, 11–16–65, Cl. 230—15.
Burger, Nicholas J., to Electro-Therm, Inc. Electric immersion heater. 3,210,526, 10–5–65, Cl. 219—318.
Burger, Robert, and P. M. Handke, to Fisher Scientific Co. Stirrer. 3,206,173, 9–14–65, Cl. 259—114.
Burgers, Johan, C. W. Motl, and P. Selden, to The Procter & Gamble Co. Interesterification process. 3,170,798, 2–23–65, Cl. 99—118.
Burgert, Herbert A., to Unitechnic AG. Upholstering spring, especially for motor vehicle seats and backs. 3,197,192, 7–27–65, Cl. 267—107.
Burges, Glen W., to Clark Equipment Co. Retractable outrigger and the like. 3,167,188, 1–26–65, Cl. 212—145.
Burges, Joseph H. Building construction of modular panels. 3,217,455, 11–16–65, Cl. 52—404.
Burgess, Carl A., and J. D. Schaffer, to United States of America, Atomic Energy Commission. Treatment of aluminum surfaces. 3,175,931, 3–30–65, Cl. 148—6.15.
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Morningstar, Otto, Burgess, and Mathus. 3,189,294.
Burgess, Frank H. Cardboard box construction and blank therefor. 3,175,751, 3–30–65, Cl. 229—28.
Burgess, George A., to The Globe-Wernicke Co., Division of Globe-Wernicke Industries, Inc. Drawer suspension retainer. 3,194,623, 7–13–65, Cl. 312—333.
Burgess, Hovey M., and R. W. Mellentin, to General Foods Corp. Animal food and method of making the same. 3,202,514, 8–24–65, Cl. 99—2.
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Burgess, Thomas H., and M. P. Kesnar, to Fan Tron Corp. Rectifier unit with heat dissipator. 3,182,114, 5–4–65, Cl. 174—15.
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Burgess, Warren C., Jr. Method of conveying titanium dioxide. 3,186,537, 6–1–65, Cl. 198—220
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Burgess, William R., and C. D. Riley, to Continental Water Conditioning Corp. Resin transfer plant. 3,190,320, 6–22–65, Cl. 141—1.
Burgin, Kermit H., 80% to Frederick B. Cline. Water pump. 3,200,754, 8–17–65, Cl. 103—88.
Burgin, Kermit H., 80% to F. B. Cline. Water intake cleaner. 3,209,913, 10–5–65, Cl. 210—154.
Burgo, Paul A., J. H. Juengst, and A. E. Lake, Jr., to Eastman Kodak Co. Photosensitive inspection method and apparatus. 3,206,606, 9–14–65, Cl. 250—219.
Burgsmueller, Karl. Thread whirling method. 3,209,652, 10–5–65, Cl. 90—11.42.
Burgwald, Glenn M., L. Reiffel, W. K. Genthe, and C. Fyfe, to United States of America, Atomic Energy Commission. Mass flow measuring device. 3,164,019, 1–5–65, Cl. 73—228.
Burhans, William G., and W. H. Gray, to W.G.B. Oil Clarifier, Inc. Filter. 3,167,507, 1–26–65, Cl. 210—117.
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Burk, Emmett H., Jr., and W. D. Hoffman, to Sinclair Research, Inc. Production of isoprene. 3,209,048, 9–28–65, Cl. 260—680.
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Burk, Emmett H., Jr., and O. H. Thomas, to Sinclair Research, Inc. Method for transalkylation and isomerization of methyl benzenes. 3,211,798, 10–12–65, Cl. 260—668.
Burk, Emmett H., Jr., R. H. Jordan, and O. H. Thomas, to Sinclair Research, Inc. Method for the isomerization of methyl benzenes. 3,214,485, 10–26–65, Cl. 260—668.
Bürk, Eugen, to Siemens-Electrogerate Aktiengesellschaft. Method and apparatus for hydraulic deep-drawing of sheet material. 3,208,255, 9–28–65, Cl. 72—57.
Burke, Donald J. Dual bicycle connector. 3,175,843, 3–30–65, Cl. 280—209.
Burke, Earl J., to Sprague Electric Co. Method of making terminal lead. 3,168,117, 2–2–65, Cl. 140—102.5.
Burke, Earl J., to Sprague Electric Co. Soldering apparatus. 3,172,387, 3–9–65, Cl. 113—127.
Burke, Earl J., to Sprague Electric Co. Feed means for soldering apparatus. 3,172,705, 3–9–65, Cl. 302—2.
Burke, Earl J., N. H. Bond, and W. A. Mausert, to Sprague Electric Co. Encased electrical capacitor. 3,204,164, 8–31–65, Cl. 317—260.
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Burke, James D., R. J. Parks, and R. M. Stewart, to United States of America, Army. Range control for a ballistic missile. 3,188,958, 6–15–65, Cl. 102—50.
Burke, James J., to Independence Foundation and Koppers Co., Inc. Metallurgical apparatus. 3,171,878, 3–2–65, Cl. 13—10.
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Burke, Lawrence P., to General Precision Inc. Stress and strain measuring with tunnel diodes. 3,212,327, 10–19–65, Cl. 73—141.
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Burke, Oliver W., Jr., and C. B. Jackson; said Jackson assor. to said Burke. Cyclic process for producing silica pigment. 3,172,727, 3–9–65, Cl. 23—182.
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Burke, Oliver W., Jr., and C. B. Jackson; said Jackson assor. to said Burke. Addition of sea water during precipitation of silica pigment. 3,202,525, 8–24–65, Cl. 106—306.
Burke, Oliver W., Jr., P. Davis, and U. F. Nager, said Davis and Nager assors. to said Burke. New missile fuel compositions containing halogens and method of propulsion. 3,203,171, 8–31–65, Cl. 60—35.4.
Burke, Oliver W., Jr., and O. E. H. Klopfer, to Continental Oil Co. Catalyst systems and methods of making catalysts. 3,219,589, 11–23–65, Cl. 252—429.
Burke, William J., to Roll-O-Sheets, Inc. Portable apparatus for heat shrinking film about objects. 3,164,939, 1–12–65, Cl. 53—379.
Burke, William O., and R. Z. Buntic, to National Lock Co. Heel dowel construction. 3,178,835, 4–20–65, Cl. 36—34.
Burke, William O., to National Lock Co. Sectional cooler latch. 3,191,244, 6–29–65, Cl. 20—92.4.

Burkee, Arthur J., and J. W. Aquadro, to The Richardson Scale Co. Patchboard assembly. 3,184,700, 5–18–65, Cl. 339—18.
Burkert, Arthur S. Multiple century calendars. 3,209,478, 10–5–65, Cl. 40—109.
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Burkert, Herbert G., to The Thomas & Betts Co. Electrical terminal and connection. 3,183,471, 5–11–65, Cl. 339—95.
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Burkhardt, Gisbert, G. Hoyer, and H. Hannemann, to Telefunken Patentverwertungs-G.m.b.H. Apparatus for distinguishing between fluorescent and phosphorescent markings. 3,180,988, 4–27–65, Cl. 250—71.
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Burkitt, Harold H. Wall bushing for pipes and cables. 3,224,796, 12–21–65, Cl. 285—161.
Burkland, Charles W., to The Maytag Co. Clothes washing machine with control means for providing a varying speed tumble operation. 3,172,277, 3–9–65, Cl. 68—12.
Burkland, Charles W., to The Maytag Co. Fabric treating machine with drive means to effect a tumble, distribution and extraction operation. 3,172,278, 3–9–65, Cl. 68—12.
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Burko, Jakub, A. Pigeot, C. Jouannaud, and P. Nollet, to Commissariat a l'Energie Atomique. Method of preparing uranic oxide in granulated form. 3,212,846, 10–19–65, Cl. 23—14.5.
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Burleigh, Richard J., E. L. Kelly, J. H. Dorst, and C. G. Dols, to United States of America, Atomic Energy Commission. Magnet construction for a variable energy cyclotron. 3,175,131, 3–23–65, Cl. 317—158.
Burleigh, Richard J., and R. Peters, to United States of America, Atomic Energy Commission. Absorption of energy by rotating discs in particle beam deflector. 3,213,-379, 10–19–65, Cl. 328—234.
Burley, Billy, to Johnson Service Co. Modulating control for a plurality of current responsive loads. 3,211,975, 10–12–65, Cl. 318—19.
Burley, Billy, to Johnson Service Co. Transistorized R-C network. 3,225,214, 12–21–65, Cl. 307—88.5.
Burley, Billy, and K. Joel, to Johnson Service Co. Wheatstone bridge circuit for the measurement of a physical variable remote from the bridge, with compensating means for interlead capacitance. 3,225,297, 12–21–65, Cl. 324—62.
Burley, Charles W., to Electra Scientific Corp. Accelerometer. 3,206,626, 9–14–65, Cl. 310—8.4.
Burley, Harvey A., M. J. Diamond, J. P. Danforth, and A. D. Block, to General Motors Corp. Method and apparatus for measuring hydrogenous material. 3,213,280, 10–19–65, Cl. 250—83.1.
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Burmester, Henry, P. Duffing, deceased (by M., H., and L. Duffing, heirs), to Siemens-Schuckertwerke Aktiengesellschaft. Hydraulic operating mechanism. 3,211,852, 10–12–65, Cl. 200—82.
Burn, Derek, and V. Petrow, to The British Drug Houses Ltd. Process for the preparation of 3-oxo-Δ^4-6-methyl steroids. 3,166,551, 1–19–65, Cl. 260—239.55.
Burn, Derek, P. Feather, and V. Petrow, to The British Drug Houses Ltd. 17*a*-chlorethynyl steroids and process for their preparation. 3,202,684, 8–24–65, Cl. 260—397.5.
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Burnelli, Vincent J., deceased; H. G. Burnelli, executrix. Retractile tail. 3,181,820, 5–4–65, Cl. 244—87.
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Downs, Edgar S. 3,176,750.
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Burness, Donald M., to Eastman Kodak Co. Photographic composition containing epoxy hardening agents. 3,189,-459, 6–15–65, Cl. 96—111.
Burnet, Arthur L., and H. J. Woods, to Burlington Industries, Inc. System for processing textile fibers. 3,184,798, 5–25–65, Cl. 19—65.
Burnett, Arden L. Self-propelled dry dock pumping plant. 3,210,945, 10–12–65, Cl. 61—64.
Burnett, Arden L. Automatic block positioner. 3,218,814, 11–23–65, Cl. 61—66.
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Burnett, Elmer B., to Ingersoll-Rand Co. Cushion type impulse tool. 3,210,963, 10–12–65, Cl. 64—26.
Burnett, Elmer B., to Ingersoll-Rand Co. Centrifugal type impulse tool. 3,212,292, 10–19–65, Cl. 64—26.
Burnett, Elmer B., to Ingersoll-Rand Co. Centrifugal type impulse tool. 3,212,293, 10–19–65, Cl. 64—26.
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Burnett, James M. and H. C., to Detroit Tap & Tool Co. Holder for thread rolling tools. 3,217,523, 11–16–65, Cl. 72—112.
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Burnett, Richard T., to The Bendix Corp. Spot type disc brake. 3,166,159, 1–19–65, Cl. 188—73.
Burnett, Richard T., to The Bendix Corp. Two-piece adjusting screw brakes. 3,166,160, 1–19–65, Cl. 188—79.5.
Burnett, Richard T., to The Bendix Corp. Brake shoe retainer. 3,189,129, 6–15–65, Cl. 188—73.
Burnett, Richard T., to The Bendix Corp. Boot construction. 3,195,360, 7–20–65, Cl. 74—18.2.
Burnett, Richard T., to The Bendix Corp. Actuator for disk brake. 3,195,691, 7–20–65, Cl. 188—106.
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Burnett, Richard T., and J. J. Powlas, to The Bendix Corp. Caliper-type disc brake. 3,166,156, 1–19–65, Cl. 188—73.
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Burney, Charles D. Trawling otters. 3,190,025, 6–22–65, Cl. 43—9.
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Burnham, Peter B., and J. L. Coakley, to American Brake Shoe Co. Fluid power apparatus. 3,165,068, 1–12–65, Cl. 103—161.
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Burnight, Thomas R. Grain temperature sensing device. 3,199,353, 8–10–65, Cl. 73—352.
Burniston, Raymond J., to The Thomas & Betts Co., Inc. Insulated C rings in coherent strip form. 3,170,160, 2–23–65, Cl. 1—56.
Burns, Adele G. Multiple use knockdown unit. 3,220,773, 11–30–65, Cl. 297—440.
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Burns, Charles, to The British Iron and Steel Research Assn. Apparatus for testing surface quality of material. 3,176,-306, 3–30–65, Cl. 346—33.
Burns, Clence L., to Motorola, Inc. Bi-stable circuit having a multi-apertured magnetic core and a regenerative winding supplied through a transistor. 3,217,178, 11–9–65, Cl. 307—88.5.
Burns, David H., to Telautograph Corp. Roller hysteresis clutch. 3,179,218, 4–20–65, Cl. 192—21.5.
Burns, Doris E. Music teaching device. 3,186,292, 6–1–65, Cl. 84—470.
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Burns, James F., Jr. Ventilated footwear. 3,180,039, 4–27–65, Cl. 36—3.
Burns, James O., and G. S. Chandler, to Ormston Burns, Ltd. Bridges for stringed instruments such as for guitars. 3,181,409, 5–4–65, Cl. 84—313.
Burns, James O., and G. S. Chandler, to Ormston Burns, Ltd. Musical instruments. 3,196,729, 7–27–65, Cl. 84—171.
Burns, John K. A. Reeds for musical instruments. 3,165,-963, 1–19–65, Cl. 84—383.
Burns, John N., and J. M. Fernandez. Interlocking concrete decking. 3,197,933, 8–3–65, Cl. 52—538.
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Burns, Kay N., W. L. Ikard, and J. D. Skelton, to Esso Production Research Co. Apparatus and method for inverse fourier analysis of electrical transients. 3,209,250, 9–28–65, Cl. 324—77.
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Burns, Leslie L., Jr., to Radio Corp. of America. Superconductor films. 3,175,198, 3–23–65, Cl. 340—173.1.
Burns, Leslie L., Jr., to Radio Corp. of America. Insulation. 3,184,329, 5–18–65, Cl. 117—106.
Burns, Leslie L., Jr., and G. A. Alphonse, to Radio Corp. of America. Memory. 3,172,085, 3–2–65, Cl. 340—173.1.
Burns, Lester W., and G. K. Raider, to The Pyle-National Co. Combination acoustic ceiling panel and air diffuser. 3,200,-734, 8–17–65, Cl. 98—40.
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Burns, Robert L., and G. R. Van Duzee. Oil filter for an internal-combustion engine. 3,224,592, 12–21–65, Cl. 210—493.
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Burns, William E., to International Business Machines Corp. Core-transistor logical device. 3,185,969, 5–25–65, Cl. 340—174.
Burnside, Charles H., and C. G. Long, to Phillips Petroleum Co. Gel propellants comprising halogen-containing terpolymers. 3,181,982, 5–4–65, Cl. 149—19.
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Burow, Frank H., to Gulf Research & Development Co. Chromatographic apparatus. 3,181,344, 5–4–65, Cl. 73—23.1.
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Kupsky, George A. 3,168,667.
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La Beaume, Paul E. 3,188,520.
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Lee, Edwin S. 3,201,605.
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McRae, Robert A. 3,175,925.
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Rayfield, Harry F., and Nordman. 3,185,365.
Rayfield, Harry F., Wilkinson, and Aziz. 3,203,635.
Relis, Matthew J. 3,200,341.
Robbins, Neal R., and Dell. 3,211,895.
Rosenberg, Harvey. 3,218,471.
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Sakurai, Richard S. 3,194,674.
Samson, Robert, and Jones. 3,213,432.
Seymour, David W. 3,196,032.
Shafer, Philip E., Walendziewicz, Bird, and Woolard. 3,168,778.
Smith, John G., and Solyst. 3,176,714.
Somlyody, Arpad. 3,168,674.
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Tillman, Robert M., and Henry. 3,221,270.
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Weber, Frank W. 3,171,978.
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Burroughs, Wise, to Iowa State University Research Foundation. Administration of 2-mercaptoimidazole compounds to meat-producing ruminants. 3,210,194, 10–5–65, Cl. 99—2.
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Burrows, Dale L. Two-handed mitten. 3,203,005, 8–31–65, Cl. 2—158.
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Burstein, Elias, to Radio Corp. of America. Photosensitive superconductor device. 3,193,685, 7–6–65, Cl. 250—211.
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Burt, Wayne E., to United States of America, Navy. Mine counter measure ships degaussing status indicator. 3,215,904, 11–2–65, Cl. 317—157.5.
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Burtner, Richard L., to Goodyear Aerospace Corp. Apparatus for the automatic navigation and guidance of an aircraft or the like. 3,192,522, 6–29–65, Cl. 343—7.
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Burton, Coleman H., and M. E. Mitchell, to General Electric Co. Simplified error-control decoder. 3,222,644, 12–7–65, Cl. 340—146.1.
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Burton, Linwood P. Mixing and disintegrating head. 3,170,639, 2–23–65, Cl. 241—46.
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Burwen, Richard S., to Honeywell, Inc. Electronic apparatus. 3,209,277, 9–28–65, Cl. 330—69.
Burwen, Richard S., to Honeywell Inc. Signal detecting and amplifying circuit utilizing a saturable core. 3,210,689. 10–5–65, Cl. 331—113.
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Burzlaff, Karl H., to Ritter Co., Inc. Air driven turbine dental handpiece and air and water connection therefor. 3,173,207, 3–16–65, Cl. 32—27.
Burzlaff, Karl H., to Ritter Co., Inc. Apparatus for controlling the flow of fluids. 3,210,043, 10–5–65, Cl. 251—320.

Burzlaff, Karl H., E. R. Weickgenannt, and G. E. Martin, to Ritter Co., Inc. Surgical table. 3,176,975, 4–6–65, Cl. 269—325.
Busala, Alessandro, to Bell Telephone Laboratories, Inc. Transmission improvement in party-line telephone systems. 3,188,398, 6–8–65, Cl. 179—35.
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Busch, Max, and W. Hey, to American Enka Corp. Warp knit fabric. 3,222,893, 12–14–65, Cl. 66—192.
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Büsch, Siegfried, R. Hatschek, and F. Pischinger, to H. List. Device for varying the spatial position of specimens in electron microscopes. 3,168,646, 2–2–65, Cl. 250—49.5.
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Busch, Thomas N., to Timberline Equipment Co. Tree harvesting apparatus. 3,198,225, 8–3–65, Cl. 144—3.
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Buschbom, Floyd E., to Vandale Corp. Silo unloader drive hub attachment. 3,169,798, 2–16–65, Cl. 301—43.
Buschbom, Floyd E. Silo unloader driving mechanism and method for tensioning driving means. 3,207,332, 9–21–65, Cl. 214—17.
Buschbom, Floyd E., to Vandale Corp. Silo unloader tripod securing means. 3,211,407, 10–12–65, Cl. 248—193.
Buschbom, Floyd E., to Vandale Corp. Silo unloader lowering control. 3,217,907, 11–16–65, Cl. 214—17.
Buschbom, Floyd E., to Vandale Corp. Silo unloader. 3,221,904, 12–7–65, Cl. 214—17.
Buschbom, Floyd E. A., to Vandale Corp. Silo unloader structure. 3,223,256, 12–14–65, Cl. 214—17.
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Buschman, Francis X., and C. J. Beran, to Tensolite Insulated Wire Co., Inc. Manufacture of polytetrafluoroethylene insulated wires. 3,223,564, 12–14–65, Cl. 156—53.
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Bush, Vannevar, and J. A. Hastings, to Merck & Co., Inc. Device for inhalation aerosol. 3,183,907, 5–18–65, Cl. 128—208.
Bush, Vannevar, and J. A. Hastings, to Stewart-Warner Corp. Hydraulic pump or motor. 3,199,460, 8–10–65, Cl. 103—161.
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Bushman, Julius H., to The Stanley Works. Strapping tool. 3,211,186, 10–12–65, Cl. 140—93.4.
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Bushrod, Charles J., and C. J. Hall, to Chloride Batteries Ltd. Method of manufacturing sheath for electric accumulator plates. 3,216,864, 11–9–65, Cl. 136—148.
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Bussey, William H., and A. G. Gunter, Jr., to P. G. S. Mero. Recording device. 3,185,998, 5–25–65, Cl. 346—140.
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Butin, Henri, and R. Delesmontey. Device for holding workpieces on a machine-tool table. 3,197,197, 7–27–65, Cl. 269—81.

Buting, Walter E., to Eli Lilly and Co. Bis-β-(4-arylpiperazino) ethyl sulfones for treating schistosomiasis. 3,203,858, 8–31–65, Cl. 167—53.
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Butler, David H., and W. C. Falk, to United States of America, National Aeronautics and Space Administration. Miniature vibration isolator. 3,223,374, 12–14–65, Cl. 248—358.
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Butler, Frank D. Fluid pressure variable ratio reversible, combined hydrodynamical and multiply compounded planetary gearing driven transmission coupler, adaptable as forming a combined fluid torque convertor transmission coupler and rear traction-wheel-housing assembly, of and for an automotive vehicle. 3,221,575, 12–7–65, Cl. 74—730.
Butler, Graham F., and W. P. Engleheart, to The Nuclear Power Plant Co. Ltd. Nuclear reactors. 3,219,536, 11–23–65, Cl. 176—19.
Butler, Harold E., to Kenney Mfg. Co. Curtain rod bracket. 3,218,017, 11–16–65, Cl. 248—263.
Butler, Henry J., to Dunlop Rubber Co. Ltd. Spot type disc brakes for vehicles. Re. 25,817, 7–6–65, Cl. 188—73.
Butler, Henry J., to Dunlop Rubber Co. Ltd. Disc brakes. 3,184,004, 5–18–65, Cl. 188—73.
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Butler, James A. Popliteal support. 3,167,351, 1–26–65, Cl. 297—423.
Butler, James R., to Union Carbide Corp. Iron base alloy. 3,193,383, 7–6–65, Cl. 75—123.
Butler, James V., to Min-I-Soft. Water softening device. 3,208,595, 9–28–65, Cl. 210—282.
Butler, James W. Vacuum cold trap. 3,188,785, 6–15–65, Cl. 55—269.
Butler, Jesse L., to Sanders Associates, Inc. Radar countermeasures antenna system. 3,171,125, 2–23–65, Cl. 343—18.
Butler, John M., L. A. Miller, and G. L. Wesp, to Monsanto Co. Reaction products of acetylenic diesters and polyols. 3,201,370, 8–17–65, Cl. 260—47.
Butler, Kenneth, R. B. Woodward, and P. N. Gordon, to Chas. Pfizer & Co., Inc. 12*a*-deoxytetracycline oxidation process. 3,188,348, 6–8–65, Cl. 260—559.
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Butler, Richard A., R. H. Cadwallader, J. J. Isole, Jr., and G. Park, to International Business Machines Corp. Automatic programmer. 3,171,114, 2–23–65, Cl. 340—267.
Butler, Richard A., Jr., and N. T. Pierce; said Pierce assor. to said Butler. Web supply apparatus. 3,184,364, 5–18–65, Cl. 156—504.
Butler, Robert S. Mining apparatus. 3,207,306, 9–21–65, Cl. 209—11.
Butler, Robert W., and G. I. Keim, to Hercules Powder Co. Cationic epichlorohydrin modified polyamide reacted with water-soluble polymers. 3,224,986, 12–21–65, Cl. 260—9.
Butler, Roger M., J. L. Tiedje, and J. A. Bichard, to Esso Research and Engineering Co. Treating athabaska sands utilizing a flotation gas. 3,203,888, 8–31–65, Cl. 208—11.
Butler, Sammy A., and D. L. Critchlow, to International Business Machines Corp. Tunnel diode controlled magnetic triggers. 3,175,096, 3–23–65, Cl. 307—88.
Butler, Sammy A., R. J. Sahulka, and H. S. Yourke, to International Business Machines Corp. Normally oscillating circuit with non-oscillating state determined by a conditionable isolated time delay circuit. 3,209,168, 9–28–65, Cl. 307—88.5.
Butler, Vaughn H., to Scott & Williams, Inc. Knitting machine. 3,221,517, 12–7–65, Cl. 66—57.
Butler, Vernon A., and C. H. Wade, to Whirlpool Corp. Laundry agent dispensing device. 3,204,831, 9–7–65, Cl. 222—193.
Butler, Vincent A., to Parker-Hannifin Corp. Shut-off valve assembly having a removable plug. 3,202,166, 8–24–65, Cl. 137—115.
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Butsch, Richard W., to Faultless Caster Corp. Caster wheel scraper. 3,214,786, 11–2–65, Cl. 16—41.
Butsch, Richard W., to Bliss & Laughlin, Inc. Anti-fouling caster. 3,222,708, 12–14–65, Cl. 16—41.
Butson, Peter C., to The General Electric Co. Ltd. Microwave mixer. 3,169,224, 2–9–65, Cl. 325—446.
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Butter, George N., to Commercial Solvents Corp. Stabilized formaldehyde solutions. 3,214,476, 10–26–65, Cl. 260—606.
Butter, George N., to Commercial Solvents Corp. Stabilized formaldehyde solution. 3,214,477, 10–26–65, Cl. 260—606.
Butter, George N., to Commercial Solvents Corp. Stabilized formaldehyde solutions. 3,222,403, 12–7–65, Cl. 260—606.
Butter, Otto, to G. M. Pfaff, A.G. Stepping mechanism for a measurement marking and inscribing machine. 3,204,744, 9–7–65, Cl. 197—2.
Butterbaugh, Galen P., and L. C. Galleher, to Salsbury Corp. Compact centrifugal and one-way clutches with internal oil reservoir. 3,176,810, 4–6–65, Cl. 192—48.
Butterbaugh, Galen P., and E. F. Salsbury, to C. E. Fleming, Jr., and C. R. Anderson, Jr. Power transmission. 3,208,305, 9–28–65, Cl. 74—684.
Butterfield, David N. Concrete-mixing attachment. 3,211,436, 10–12–65, Cl. 259—178.
Butterfield, Floyd. Aerial toy. 3,220,142, 11–30–65, Cl. 46—82.
Butterfield, Lloyd H., ½ to J. H. Stewart. Mounting device for pressure gauge. 3,194,077, 7–13–65, Cl. 73—420.
Butterfield, Michael H., and G. M. Boxall, to The British Iron and Steel Research Assn. Apparatus for temporarily storing elongate material. 3,175,776, 3–30–65, Cl. 242—55.01.
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Butterworth, Archibald J. Hydraulic rams. 3,186,308, 6–1–65, Cl. 91—169.
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Buttery, Kenneth T., to KVP Sutherland Paper Co. Egg carton. 3,173,598, 3–16–65, Cl. 229—28.
Buttery, Kenneth T., to KVP Sutherland Paper Co. Dispensing carton suitable for plastic bags and the like. 3,195,772, 7–20–65, Cl. 221—33.
Buttery, Kenneth T., to KVP Sutherland Paper Co. Lined cartons. 3,195,796, 7–20–65, Cl. 229—14.
Buttery, Kenneth T., and D. D. Cornell, to KVP Sutherland Paper Co. Paper dispensing carton. Re. 25,876, 10–12–65, Cl. 225—48.
Buttery, Kenneth T., and T. Vander Lugt, Jr., to KVP Sutherland Paper Co. Covered carton. 3,168,974, 2–9–65, Cl. 229—51.
Buttery, Kenneth T., and T. Vander Lugt, Jr., to KVP Sutherland Paper Co. Carton having tear strip in cover flaps. 3,168,975, 2–9–65, Cl. 229—51.
Buttke, Richard A., to Globe-Union Inc. Apparatus for casting a post strap and welding same to the plates of a battery stack. 3,200,450, 8–17–65, Cl. 22—58.
Büttner, Artur, to Schnellpressenfabrik Aktiengesellschaft Heidelberg. Platen printing machines. 3,168,039, 2–2–65, Cl. 101—287.

Büttner, Karl-Heinz, and H. Völler, to Deutsche Edelstahlwerke Aktiengesellschaft. Method of producing pressings to form permanent magnets. 3,189,667, 6–15–65, Cl. 264—24.
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Butzler, George J., C. P. Zupic, and G. B. Sterling, to The Dow Chemical Co. Vinylidene chloride polymer compositions having improved low temperature properties. 3,165,491, 1–12–65, Cl. 260—31.8.
Butzler, George J., G. B. Sterling, and R. E. Lee, to The Dow Chemical Co. Vinylidene chloride polymer compositions having improved low temperature properties. 3,166,526, 1–19–65. Cl. 260—31.8.
Butzler, George J., G. B. Sterling, and R. E. Lee, to The Dow Chemical Co. Vinylidene chloride polymer-diolefin, low alkyl alkacrylate copolymer blend having improved low temperature properties. 3,194,778, 7–13–65, Cl. 260—31.8.
Butzler, George J., W. D. Shelburg, and G. B. Sterling, to The Dow Chemical Co. Vinylidene chloride polymer compositions having improved low temperature properties. 3,206,427, 9–14–65, Cl. 260—31.8.
Butzler, George J., W. D. Shelburg, and G. B. Sterling, to The Dow Chemical Co. Vinylidene chloride polymer compositions having improved low temperature properties. 3,215,661, 11–2–65, Cl. 260—31.8.
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Buxbaum, Edwin C., to E. I. du Pont de Nemours and Co. Anthraquinone dyes for gasoline. 3,164,449, 1–5–65, Cl. 44—59.
Buxton, Alan J., R. A. Heine, and R. G. Mannas, to Automatic Electric Laboratories, Inc. Fast-switching arrangement for the transfer of communication channels. 3,204,204, 8–31–65, Cl. 333—1.1.
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Buys, Adriaan, to Inland Steel Co. Methods of manufacturing threaded closures. 3,221,533, 12–7–65, Cl. 72—379.
Buys, Adriaan, to Inland Steel Co. Threaded closure. 3,221,920, 12–7–65, Cl. 220—39.
Buys, George R., and G. H. Nettleton, to General Electric Co. Circuit breaker trip mechanism. 3,185,792, 5–25–65, Cl. 200—116.
Buyze, Edwin K., and R. H. Vansteenkiste, to The Budd Co. Split housing spot type disk brake. 3,183,999, 5–18–65, Cl. 188—18.
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Buzas, André, to Interco Fribourg S.A. Therapeutic composition containing acetylglutamic acid salt of dimethylaminoethanol. 3,178,342, 4–13–65, Cl. 167—55.
Buzawa, Michael J., to Bausch & Lomb Inc. Photographic objective for use in enlarging or reducing devices. 3,190,176, 6–22–65, Cl. 88—57.
Buzbee, James M. Log periodic monopole array and image ground plane elements alternately connected to plural feed lines. 3,179,943, 4–20–65, Cl. 343—792.5.
Buzicky, Edmund J., R. E. Johnson, J. R. Hilmanowski, and R. J. Mlinar, to Whirlpool Corp. Apparatus for dispensing particulate material. Re. 25,814, 6–29–65, Cl. 222—129.
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Byars, Garner B., Sr., L. Johnson, and H. W. King, to Auto Fire Corp. Automatic dump type charcoal lighter. 3,167,040, 1–26–65, Cl. 110—1.
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Byatt, Dennis W. G., to The Marconi Co. Ltd. Television scanning systems. 3,188,386, 6–8–65, Cl. 178—6.8.
Byatt, Dennis W. G., to The Marconi Co. Ltd. Radio direction finders. 3,196,439, 7–20–65, Cl. 343—113.
Byberg, Jonas J. Feed grinder. 3,189,287, 6–15–65, Cl. 241—275.
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Byerly, James A., E. L. Doering, and B. B. Geye, to Shell Oil Co. Fractionation with side stripping. 3,210,271, 10–5–65, Cl. 208—355.
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Byrd, Charles R., and D. H. Walston, to Western Electric Co., Inc. Apparatus for testing a plurality of associated devices. 3,183,599, 5–18–65, Cl. 33—174.
Byrd, Glen M. Surface degreasing and cleaning gun. 3,194,500, 7–13–65, Cl. 239—8.
Byrd, Joe L., to United States of America, Army. Fluid accelerometer. 3,201,999, 8–24–65, Cl. 73—515.
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Wiegert, Robert E., and Byrne. 3,223,538.
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Byrnes, Richard J., and C. J. Weiss, to Cutler-Hammer, Inc. System for controlling electroresponsive means. 3,188,529, 6–8–65, Cl. 317—155.5.
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Cabbage, John T., to Phillips Petroleum Co. Isomerization process. 3,188,361, 6–8–65, Cl. 260—683.74.
Cabbage, John T., to Phillips Petroleum Co. Hydrogenation with demethylated reformer offgas. 3,213,150, 10–19–65, Cl. 260—667.
Cabernoch, Louis J., to Curtis-Electro Lighting, Inc. Flexible fixture suspension. 3,168,252, 2–2–65, Cl. 240—78.
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Cadiou, Jean, to Andre Citroen, Societe Anonyme. Method of regulating the input torque of a rotating barrel and plungers type hydraulic transmission. 3,213,618, 10–26–65, Cl. 60—53.

Cadiou, Jean, to Andre Citroen Societe Anonyme. Disc brakes controlled by a pair of levers, in particular for automobile vehicles. 3,219,153, 11–23–65, Cl. 188—73.
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Cadorette, George, to Draper Corp. Thread parting and clamping mechanism. 3,200,851, 8–17–65, Cl. 139—263.
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Cadwell, Ralph K., to Lacy Mfg. Co. Free ring floating roof seal. 3,204,809, 9–7–65, Cl. 220—26.
Cady, Charles A. Power failure responsive circuits. 3,189,-788, 6–15–65, Cl. 315—129.
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Cafolla, Constantine F., to Seneca Falls Machine Co. Index mechanism. 3,218,891, 11–23–65, Cl. 74—817.
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Cain, Dallas E., to General Electric Co. Circuit breaker with pancake type operating mechanism and improved force transmission means. 3,185,791, 5–25–65, Cl. 200—106.
Cain, Dallas E., and C. S. Duckwald, to General Electric Co. Method and apparatus for balancing rotors. 3,213,689, 10–26–65, Cl. 73—462.
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Cain, Ernest O., to Texas Instruments Inc. Motor control system utilizing semiconductor controlled rectifiers. 3,191,112, 6–22–65, Cl. 318—246.
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Cain, James F., M. H. Grabosky, and W. D. Gurdack, to Bayuk Cigars Inc. Display container. 3,190,438, 6–22–65, Cl. 206—45.
Cain, James F., to Lake Park Tool & Die Co. Hinge arrangement for pivotal closures. 3,216,054, 11–9–65, Cl. 16—135.
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Cain, William A., Jr., to Elgen Mfg. Corp. Apparatus to secure a flexible strip to metal strips. 3,191,283, 6–29–65, Cl. 29—243.5.
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Call, Daniel D., to Bell & Howell Co. Sensing switch. 3,202,779, 8–24–65, Cl. 200—61.42.

Call, George R. Low pressure warning device. 3,225,784, 12–28–65, Cl. 137—234.

Callaghan, Harriet L. Hygienic diaper. 3,192,926, 7–6–65, Cl. 128—286.

Callaghan, William I., to Production Machinery Corp. Unscrambler. 3,214,001, 10–26–65, Cl. 198—34.

Callahan, Albert B., to Blaw-Knox Co. Electrolytic reaction apparatus. 3,198,722, 8–3–65, Cl. 204—219.

Callahan, Bill R., to National Tank Co. Capacitance probe for fluids. 3,200,312, 8–10–65, Cl. 317—246.

Callahan, Francis J., and B. J. Gallagher, to Nuclear Products Co. Poppet check valve. 3,189,046, 6–15–65, Cl. 137—515.7.

Callahan, Gerard M., to Electrolert Inc. Burglar alarm system. 3,165,727, 1–12–65, Cl. 340—274.

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Callahan, James L., J. J. Szabo, and B. Gertisser, to The Standard Oil Co. Bismuth-molybdenum oxidation catalyst promoted with a Ba-Si oxide mixture. 3,186,955, 6–1–65, Cl. 252—435.

Callahan, James L., and B. Gertisser, to The Standard Oil Co. Mixed antimony oxide-iron oxide oxidation catalyst. 3,197,419, 7–27–65, Cl. 252—456.

Callahan, James L., and B. Gertisser, to The Standard Oil Co. Mixed antimony oxide-uranium oxide oxidation catalyst. 3,198,750, 8–3–65, Cl. 252—456.

Callahan, James L., and B. Gertisser, to The Standard Oil Co. Mixed antimony oxide-manganese oxide oxidation catalyst. 3,200,081, 8–10–65, Cl. 252—443.

Callahan, James L., and B. Gertisser, to The Standard Oil Co. Mixed antimony oxide-cerium oxide oxidation catalysts. 3,200,084, 8–10–65, Cl. 252—462.

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Smart, Charles H. 3,191,631.

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Callahan, William L., to Hughes Aircraft Co. Connector for subminiature electronic components. 3,195,017, 7–13–65, Cl. 317—99.

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Callander, Sidney E.: *See*—
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Callick, Eric B. B., and J. C. Firmin, to English Electric Valve Co. Ltd. Signal storage tubes. 3,179,833, 4–20–65, Cl. 313—71.

Callick, Eric B. B., and J. C. Firmin, to English Electric Valve Co. Ltd. Storage tube for scan standards conversion. 3,202,855, 8–24–65, Cl. 313—71.

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Corsette, Douglas F. 3,216,625.
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Calvert, Rodney K., and S. L. Wohar, to Lockheed Aircraft Corp. Joggle forming apparatus. 3,203,219, 8–31–65, Cl. 72—386.
Calvert, Willard R., to Oxy-Catalyst, Inc. Apparatus for improving the purification of exhaust gases from an internal combustion engine. 3,168,806, 2–9–65, Cl. 60—31.
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Calvert, Willard R., to Oxy-Catalyst, Inc. Process for producing spherical catalyst pellets. 3,177,151, 4–6–65, Cl. 252—435.
Calvert, Willard R., to Oxy-Catalyst, Inc. Maintenance of a catalytic exhaust purifier. 3,184,291, 5–18–65, Cl. 23—288.
Calvert, Willard R., to Oxy-Catalyst, Inc. Method of forming metal oxide catalytic pellets. 3,214,388, 10–26–65, Cl. 252—437.
Calvert, William B., to Metal Service Co., Inc. Stair unit assemblies. 3,175,654, 3–30–65, Cl. 189—43.
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Calvin, Charles A. Folding leg table construction. 3,224,390, 12–21–65, Cl. 108—132.
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Sier, Charles. 3,177,700.
Cambridge Rubber Co.: *See*—
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Ownby, Warren G. 3,171,486.
Ownby, Warren G. 3,171,488.
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Camerino, Bruno, B. Patelli, and R. Sciaky, to Societa Farmaceutic Italia. Process of preparing 4-hydroxy-3-keto-Δ^4-steroids. 3,178,458, 4–13–65, Cl. 260—397.4.
Camerino, Bruno, and G. Palamidessi, to Societa Farmaceutici Italia. Pyrazine derivatives. 3,185,686, 5–25–65, Cl. 260—250.
Cameron, Alexander P., to Voss Engineering Co. Adjustable transformer and core for tracer mechanism. 3,199,056, 8–3–65, Cl. 336—130.
Cameron, Allan E. and C. E. Throttle control device. 3,199,365, 8–10–65, Cl. 74—482.
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Cameron, Elbert H. Carriage for cutting torches. 3,174,736, 3–23–65, Cl. 266—23.
Cameron, Frank L., to Westinghouse Electric Corp. Current limiting fuse. 3,213,242, 10–19–65, Cl. 200—120.
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Allen, Herbert, and Le Rouax. 3,208,357.
Jones, Marvin R. 3,179,448.
Jones, Marvin R. 3,188,118.
Jones, Marvin R. 3,220,477.
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Cameron, James K., and P. C. Welch, to Continental Baking Co. Method and apparatus for the production of crumb shells. 3,202,114, 8–24–65, Cl. 107—54.
Cameron, John A., to General Foods Corp. Method of forming a scouring article. 3,185,604, 5–25–65, Cl. 156—210.
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Cameron, Russell J., and D. B. Abbott, to Ross Operating Valve Co. Convertible valve assembly. 3,176,954, 4–6–65, Cl. 251—29.
Cameron, William M., to National Research Council. Radio remote control system having counter means responsive to plural codes. 3,181,162, 4–27–65, Cl. 343—225.
Cameron, William M., and L. G. Powers, to Henry D. Whittlesey, d.b.a. Whittlesey, Powers and Cameron. Grip for ski poles and the like. 3,181,880, 5–4–65, Cl. 280—11.37.
Cameron-Johnson, Alan, to Dowty Rotol Ltd. Fluid-pressure machines. 3,198,129, 8–3–65, Cl. 103—162.
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Camilli, Concetto T., and L. S. Minckler, Jr., to Esso Research and Engineering Co. Wax compositions. 3,210,306, 10–5–65, Cl. 260—28.5.
Camilli, Guglielmo, to General Electric Co. Fluid insulated electrical apparatus. 3,164,666, 1–5–65, Cl. 174—17.
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Camp, George F., to Frank Wheatley, Pump & Valve Mfr. Controlled action check valve. 3,177,894, 4–13–65, Cl. 137—514.
Camp, James B., to United States Steel Corp. Gage-control system for strip mill. 3,174,317, 3–23–65, Cl. 72—12.
Camp, James B., to United States Steel Corp. Extensometer utilizing rotating magnetic memory wheels. 3,205,437, 9–7–65, Cl. 324—69.
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Connelly, Nicholas C. 3,220,407.
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Campbell, Alan M.: *See*—
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Bradbury, Frank R., and Campbell. 3,210,365.
Bradbury, Frank R., and Campbell. 3,210,367.
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Campbell, Alastair, and R. S. Fanshawe, to Imperial Chemical Industries Ltd. Process for producing bipyridyls. 3,210,362, 10–5–65, Cl. 260—296.
Campbell, Albert B., to Campbell Products Co. Cleaning apparatus with suction filter in a transparent receptacle. 3,169,843, 2–16–65, Cl. 55—467
Campbell, Alfred, to Parke, Davis & Co. Phenoxypropyl guanidine compounds. 3,174,997, 3–23–65, Cl. 260—501.
Campbell, Alfred, to Parke, Davis & Co. Cycloalkyloxyalkyl guanidine compounds. 3,203,988, 8–31–65, Cl. 260—564.
Campbell, Bill L. Can opener and pouring spout. 3,198,388, 8–3–65, Cl. 222—83.5.
Campbell, Charles J. Pant stretcher and creaser. 3,174,663, 3–23–65, Cl. 223—74.
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Campbell, Charles R., J. J. Hicks, Jr., and R. Johnson, to Monsanto Co. Separation of adipic acid, glutaric acid and succinic acid from mother liquors obtained in the manufacture of adipic acid. 3,180,878, 4–27–65, Cl. 260—346.8.
Campbell, Claude N., Jr., to Weyerhaeuser Co. Device for heat securing members together. 3,213,265, 10–19–65, Cl. 219—229.
Campbell, Claude N., Jr., to Weyerhaeuser Co. Shipping and dispensing container for liquids. 3,219,240, 11–23–65, Cl. 222—183.
Campbell, Cleatis. Floor cleaning and waxing machine. 3,204,280, 9–7–65, Cl. 15—314.
Campbell, Colin, to Walker Mfg. Co. Spring. 3,170,448, 2–23–65, Cl. 123—119.
Campbell, Dan N., to Monsanto Co. Inhibiting the polymerization of vinyl aromatic hydrocarbons. 3,222,263, 12–7–65, Cl. 202—57.
Campbell, David F., to The Bendix Corp. Series resistor-condenser starter for a transistorized oscillator. 3,222,-588, 12–7–65, Cl. 320—1.
Campbell, David H., and B. R. Lowrance, to Ethyl Corp. Preparation of beryllium alkyls. 3,202,722, 8–24–65, Cl. 260—665.
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Campbell, Donald. Swimmer's float. 3,179,080, 4–20–65, Cl. 115—31.
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Campbell, Douglas D., and T. Buchholtz, to Minnesota Mining and Mfg. Co. Foamed strip material and method of making. 3,173,826, 3–16–65, Cl. 161—161.
Campbell, Dudley H., and J. F. Sullivan, to Stackpole Carbon Co. Rocker-actuated electric slide switch. 3,217,112, 11–9–65, Cl. 200—16.
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Campbell, George T. R., and N. V. Laskey, to Algonquin Shipping and Trading Ltd. Combined tanker service unit. 3,182,669, 5–11–65, Cl. 134—105.
Campbell, George T. R., and N. V. Laskey, to Algonquin Shipping and Trading Ltd. Bilge, ballasting, deballasting and cargo oil pumping system. 3,209,715, 10–5–65, Cl. 114—74.
Campbell, George T. R., and N. V. Laskey, to Algonquin Shipping and Trading Ltd. Bow manoeuvring jet system for vessels. 3,209,717, 10–5–65, Cl. 114—151.
Campbell, George T. R., and N. V. Laskey, to Algonquin Shipping and Trading Ltd. Vessel stern gear systems. 3,209,-720, 10–5–65, Cl. 115—.5.
Campbell, H Albert, Jr., and H. R. Burt, to K.W.F. Industries, Inc. Magnetic tape feed assembly for tape recorders. 3,191,881, 6–29–65, Cl. 242—55.13.
Campbell, H Albert, Jr., and H. R. Burt, to K.W.F. Industries, Inc. Take-up spool and tape connector assembly for magnetic tape recorders. 3,208,687, 9–28–65, Cl. 242—74.
Campbell, Harris S., to Eastern Rorорcraft Corp. Automatic loading cargo release. 3,224,804, 12–21–65, Cl. 294—83.
Campbell, Hobert T., J. J. Monahan, and J. A. Roeder, to Western Electric Co. Inc. Wire feeding apparatus. 3,165,-207, 1–12–65, Cl. 214—1.
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Campbell, J. Allan, and J. C. Babcock, to The Upjohn Co. Process for the preparation of 6-methyl Reichstein S. 3,211,765, 10–12–65, Cl. 260—397.47.
Campbell, J. Gordon, Inc.: *See*—
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Campbell, James K., to Dow Corning Corp. Laminated panel. 3,197,356, 7–27–65, Cl. 161—93.
Campbell, John E., to Polaroid Corp. Fluid containers. 3,173,580, 3–16–65, Cl. 222—107.
Campbell, John E., and J. J. Dennis, Jr., to Polariod Corp. Stacked photosensitive elements. 3,206,311, 9–14–65, Cl. 96—87.
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Campbell, John F. Nozzle construction. 3,171,601, 3–2–65, Cl. 239—453.
Campbell, John J., V. P. Hendrickson, and A. W. Sieving, to Caterpillar Tractor Co. Wheel driven hydrodynamic retarder system. 3,185,261, 5–25–65, Cl. 188—90.
Campbell, John R., and R. E. Hatton, to Monsanto Co. Compositions comprising a vinylidene halide resin plasticized with an alkyl xylyl sulfone. 3,190,849, 6–22–65, Cl. 260—30.8.
Campbell, John W., to Babcock & Wilcox Ltd. Nuclear reactor core construction. 3,192,120, 6–29–65, Cl. 176—50.
Campbell, Kenneth N., and R. F. Majewski, to Mead Johnson & Co. Substituted aminobutynyl acetates. 3,176,019, 3–30–65, Cl. 260—293.4.
Campbell, Layard E., and I. B. Asp, to The Reliable Automatic Sprinkler Co., Inc. Sprinkler head and method of adjusting same. 3,195,647, 7–20–65, Cl. 169—1.
Campbell, Maxwell S., to Itek Corp. Panoramic camera. 3,168,858, 2–9–65, Cl. 95—16.
Campbell, Milford A. Vibratory work feeding and orienting unit. 3,224,553, 12–21–65, Cl. 198—33.
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Campbell, Albert B. 3,169,843.
Campbell, Rex C., to General Electric Co. Current shaping circuit for photosensitive device. 3,226,551, 12–28–65, Cl. 250—206.
Campbell, Richard H., Jr., and G. H. Hadden, to The Seeburg Corp. Electronic organ with punch card registration selection system. 3,172,939, 3–9–65, Cl. 84—1.03.
Campbell, Robert A. Ash-retaining safety cigarette. 3,165,-105, 1–12–65, Cl. 131—4.
Campbell, Robert A. Fastener means including an interior fluid-pressure expandable locking portion. 3,213,743, 10–26–65, Cl. 85—65.
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Campbell, Robert H., and I. H. Johnson, to Sun Oil Co. Method of refining oil. 3,165,464, 1–12–65, Cl. 208—276.
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Campbell, Ronald H.: *See*—
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Campbell, Ronald H., to United Kingdom Atomic Energy Authority. Method and apparatus to determine reactor flux distribution. 3,207,667, 9–21–65, Cl. 176—19.
Campbell, Ronald H., and R. S. Challender, to United Kingdom Atomic Energy Authority. Nuclear reactor core. 3,206,370, 9–14–65, Cl. 176—40.
Campbell, Ronald H., to United Kingdom Atomic Energy Authority. Control rod position indicating apparatus and method. 3,212,977, 10–19–65, Cl. 176—24.
Campbell, Ronald M., and S. M. Jones, to Canadian Westinghouse Co., Ltd. Pressure tube neutronic reactor. 3,208,915, 9–28–65, Cl. 176—31.
Campbell, Ronald W., to Hancock Industries, Inc. Seat slide mechanism. 3,171,698, 3–2–65, Cl. 308—3.8.
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Benson, Bernard S., and Campbell. 3,218,910.
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Campbell, Rouel R., and R. Auguste, to Bank of American National Trust and Savings Association. Automatic angle control device for panoramic camera. 3,183,810, 5–18–65, Cl. 95—16.
Campbell, Samuel J.: *See*—
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Campbell, Scott V., to Radiation Inc. Solid state relay utilizing two terminal two-state elements and controlled pulse producing means. 3,165,645, 1–12–65, Cl. 307—88.5.
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Campbell, Sherell E., and D. E. Raterman, to Addressograph-Multigraph Corp. Automatic copying machine. 3,215,055, 11–2–65, Cl. 95—77.5.
Campbell, Sherell E., and D. E. Raterman, to Addressograph-Multigraph Corp. Web and sheet detecting assembly. 3,215,793, 11–2–65, Cl. 200—61.41.
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Charland, George A. 3,199,672.
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Contractor, Gustad P., King, and McClure. 3,203,788.
Cunningham, Robert L., Grant, Ng-Yelim, and Gow. 3,180,987.
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Canada, Her Majesty the Queen in the right of, as represented by the Minister of National Defence: *See*—
Biringer, Paul P. 3,221,244.
Criddle, Ernest E. 3,223,116.
Edwards, John O., and Thomson. 3,216,821.
Eeles, Edwin G. 3,213,951.
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Hudson, Hugh P. 3,216,818.
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Sewell, Richard B. H., and Brown. 3,173,874.
Wright, Jerauld G. 3,220,252.
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Canada, Her Majesty The Queen in the right of, as represented by the Postmaster General: *See*—
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Bharucha, Kekhusroo R. 3,164,616.
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Murdock, James D. 3,223,655.
Robertson, Thomas R. 3,175,491.
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Hoffmann, Wolfgang, Follows, and Taylor. 3,221,474.
Read, Douglas E., Cranford, and Petricola. 3,210,240.
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Clermont, Louis-Philippe, and Bender. 3,218,226.
Fischer, Christopher L., Smialowski, Connock, and Vogelfanger. 3,191,842.
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Parups, Edwin V. 3,193,373.
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Mills, Kenneth D. 3,199,107.
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Cancel, Luis E., to The Commonwealth of Puerto Rico. Method of shelling coconuts. 3,225,804, 12–28–65, Cl. 146—223.
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Candelise, Alfred, to General Motors Corp. Means for introducing a pressurized fluid into an internal combustion engine combustion chamber through the spark plug opening. 3,195,518, 7–20–65, Cl. 123—26.
Candelise, Alfred, to General Motors Corp. Means for introducing a pressurized fluid into an internal combustion engine combustion chamber through the spark plug opening. 3,204,139, 8–31–65, Cl. 313—120.
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Candilis, Emmanuel E., to Hewlett-Packard Co. Tunnel diode pulse generator having independently controllable pulse width and repetition rate. 3,170,124, 2–16–65, Cl. 331—111.
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Adler, Franklin P., Van Der Sluys, and Candlin. 3,191,548.
Candlin, James E., Jr., and W. Van Der Sluys, to Pullman Inc. Fifth wheel stand for railroad cars. 3,183,854, 5–18–65, Cl. 105—368.
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Regnier, Gilbert L., Canevari, and Le Douarec. 3,193,559.
Canevari, Teresio; deceased, by A. Gianotti, sole heiress and legal representative, to Friden, Inc. Calculating machine with control of decimal places. 3,181,786, 5–4–65, Cl. 235—60.15.
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Cannon, Michael R., deceased (by E. L. Cannon, executrix), R. E. Manning, and W. A. Lloyd, to Cannon Instrument Co. Constant temperature bath. 3,214,937, 11–2–65, Cl. 62—384.
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Cantonwine, Charles R. Electric motor construction having various distribution factors and partial winding starting. 3,221,232, 11–30–65, Cl. 318—224.
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Neracher, Otto E., Cantor, and Schmidt. 3,170,910.
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Longuemare, Robert N., Jr., and Canzoneri. 3,195,057.
Caouette, Armand J. Thin aluminum silk screen frame. 3,169,475, 2–16–65, Cl. 101—127.1.
Caouette, Zephirin A., and D. L. Fitton, to United Aircraft Corp. Reenforced seal for rocket nozzle. 3,184,917, 5–25–65, Cl. 60—35.55.
Capalbo, Eugene V. Ice resurfacing machine having conveyor to remove scraped material from blade. 3,178,837, 4–20–65, Cl. 37—13.
Caparone, Michael J., to Robertshaw Controls Co. Combination diaphragm valve and pressure regulator control and system of control. 3,172,601, 3–9–65, Cl. 236—21.
Caparosa, Ralph J. Electric socket plug removal means. 3,215,971, 11–2–65, Cl. 339—45.
Caparrelli, Frederick, to The Foregger Co. Inc. Vaporizing of liquid anesthetic. 3,215,140, 11–2–65, Cl. 128—188.
Capaul, Eugen. Four column planer. 3,175,466, 3–30–65, Cl. 90—34.
Capaul, Raymond W., to Forty-Eight Insulations, Inc. Acoustical structural panel. 3,183,996, 5–18–65, Cl. 181—33.
Cape Ann Mfg. Co.: *See*—
Bell, Harold. 3,193,842.
Bell, Harold. 3,217,335.
Cape, Arthur T.: *See*—
Berson, Jerome A., and Cape. 3,166,402.
Berson, Jerome A., and Cape. 3,171,734.
Cape, Arthur T., to Coast Metals, Inc. Preparation of brazing alloys and products formed thereby. 3,167,406, 1–26–65, Cl. 29—198.
Cape, Arthur T., to Coast Metals, Inc. Use of carbonyl nickel in nickel-chromium-tungsten alloys. 3,171,739, 3–2–65, Cl. 75—134.
Cape, Arthur T., to Coast Metals, Inc. Method of treating metal powders for brazing purposes. 3,175,285, 3–30–65, Cl. 29—496.
Cape, Arthur T., to Coast Metals, Inc. Method of treating metal powders for brazing purposes. 3,175,286, 3–30–65, Cl. 29—496.
Cape, Arthur T., to Coast Metals, Inc. Brazed structure. 3,189,421, 6–15–65, Cl. 29—196.
Cape, Arthur T., to Powder Melting Corp. Powder melting torch. 3,194,501, 7–13–65, Cl. 239—85.
Cape, Arthur T., to Coast Metals, Inc. Methods of brazing. 3,197,859, 8–3–65, Cl. 29—501.
Cape, Arthur T., to Coast Metals, Inc. Brazed structure and method of brazing. 3,198,609, 8–3–65, Cl. 29—196.
Cape, Arthur T., to Powder Melting Corp. Powder melting torch. 3,220,652, 11–30–65, Cl. 239—85.
Cape, Thomas H., to Ford Motor Co. Method for fabricating a structural member. 3,209,432, 10–5–65, Cl. 29—155.
Capel, Gilbert O., to Dor-Seal Ltd. Pane support and seal. 3,221,456, 12–7–65, Cl. 52—400.
Capella Corp.: *See*—
Holme, Leroy M. 3,215,583.
Capellaro, David F.: *See*—
Kapany, Narinder S., Capellaro, and Ostensen. 3,183,815.
Kapany, Narinder S., Capellaro, and Ostensen. 3,192,843.
Capelli, Marino P. G., to International Standard Electric Corp. Radio altimeters. 3,167,767, 1–26–65, Cl. 343—14.
Capen, Harold N., F. A. Modavis, and L. M. Vallese, to International Telephone and Telegraph Corp. Antenna utilizing the Hall effect. 3,204,186, 8–31–65, Cl. 325—448.
Caperan, Jean, and P. Alyre, to Neyrpic, Etablissements. Soil drilling apparatus having means to change the direction of the drill. 3,190,374, 6–22–65, Cl. 175—74.
Capers, Claude V. Canister with built-in measuring dispenser. 3,168,223, 2–2–65, Cl. 222—158.
Capewell Developments Ltd.: *See*—
Woosnam, Maxwell S., and Capron. 3,169,348.
Capewell Mfg. Co., The: *See*—
Craven, Wilbur J. 3,189,966.
Craven, Wilbur J., and Dewey. 3,200,463.
Stacherl, John. 3,169,291.
Warner, Alden Y., Craven, and Stacherl. 3,189,963.
Capgras, Rene. System for applying draft force to an elongated object. 3,170,567, 2–23–65, Cl. 205—22.
Capiaux, Jacques: *See*—
Kulbicki, Georges L., Sahores, Vanuxem, Enjalbert, and Capiaux. 3,225,493.
Capistrant, Eugene J., and R. E. Olson, to Paul E. Hawkinson Co. Tire retreading mold and lifting means therefor. 3,193,880, 7–13–65, Cl. 18—18.
Capitaine, Detlev, to Sulzer Freres, S.A. Method and apparatus for starting a steam power plant. 3,163,991, 1–5–65, Cl. 60—107.
Capitol Hardware Mfg. Co., Inc.: *See*—
Berman, Marvin A., and Mayer. 3,174,592.
Berman, Marvin A., and Mayer. 3,224,153.
Capitol Products Corp.: *See*—
Chimienti, Anthony. 3,205,982.
Capitol Records, Inc.: *See*—
Ueck, Edward H. 3,226,125.
Caplan, David M.: *See*—
Firth, Francis G., and Caplan. 3,208,750.
Caplan, David M., to H. K. Porter Co., Inc. Method and apparatus for making reinforced corrugated hose. 3,194,705, 7–13–65, Cl. 156—143.
Caplow, Abraham I., to Philip Borkat. Liquid atomizers. 3,206,177, 9–14–65, Cl. 261—30.
Caplow, Stuart D., to United Aircraft Corp. Coating method. 3,205,090, 9–7–65, Cl. 117—113.
Caporali, Giorgio: *See*—
Giordano, Nicola, Caporali, and Ferlazzo. 3,226,421.
Caporaso, Anthony J., E. D. Kolb, and R. A. Laudise, to Bell Telephone Laboratories, Inc. Hydrothermal growth of zinc oxide crystals. 3,201,209, 8–17–65, Cl. 23—301.
Capowich, George, S. F. Lutters, and P. A. Meck, to United Aircraft Corp. Blade sealing means. 3,168,144, 2–2–65, Cl. 170—159.
Capp, Clifford W., G. W. Godin, R. F. Neale, J. B. Williamson, and B. W. Harris, to The Distillers Co. Ltd. Process for the production of halo-substituted olefins. 3,194,847, 7–13–65, Cl. 260—656.
Cappa, Giulio: *See*—
Barassi, Carlo, and Cappa. 3,224,482.
Cappel, Leona R. Illuminated table type rabbit immobilizer. 3,187,721, 6–8–65, Cl. 119—103.
Cappellari, Elio, to Enrico Boselli S.p.A. Springless, tilting plates clock driven by two oval gears. 3,220,174, 11–30–65, Cl. 58—2.
Cappello, Triest J., to Liberty National Bank and Trust Co. Speed control circuit for D.C. motor. 3,176,209, 3–30–65, Cl. 318—332.
Capper, Brian L.: *See*—
Lewis, Harry S., Capper, and Harris. 3,194,906.
Capper, Sam D.: *See*—
King, Arthur S. 3,203,373.
Cappotto, Samuel D., to SCM Corp. Impression control mechanism in power driven typewriters. 3,164,237, 1–5–65, Cl. 197—17.
Cappotto, Samuel D., and T. S. Bolton, to SCM Corp. Power device apparatus in a data transferring device. 3,181,680, 5–4–65, Cl. 197—17.
Cappotto, Samuel D., and E. C. Hunter, to SCM Corp. On-off switch with cover interlock and overriding means for typewriter. 3,223,219, 12–14–65, Cl. 197—12.
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Capps, David B.: *See*—
Elslager, Edward F., Worth, Capps, and Werbel. 3,218,327.
Elslager, Edward F., Worth, Capps, Werbel, and Short. 3,218,309.
Capps, David C. Pneumatic cotton harvester with cyclonic action. 3,174,265, 3–23–65, Cl. 56—12.
Capps, Frank R. Sand molds for metal casting and methods therefor. 3,212,144, 10–19–65, Cl. 22—129.
Capps, Randolph P., to Multi-Zoner, Inc. Multiple zone heating system. 3,214,099, 10–26–65, Cl. 236—9.
Cappuccio, Vittorio, to Montecatini Societa Generale per l'Industria Mineraria e Chimica. Trimethylol propane diallyl ether treatment of polyolefin-polymeric nitrogenous compound mixtures and fibers and product thereof. 3,195,975, 7–20–65, Cl. 8—115.5.
Cappuccio, Vittorio, and C. Corso, to Montecatini Societa Generale per L'Industria Mineraria e Chemica. Articles having improved tinctorial properties and method of preparing same. 3,215,487, 11–2–65, Cl. 8—115.5.
Capra, Ottavio A. Wrench of the pivoted jaw type. 3,184,999, 5–25–65, Cl. 81—101.
Capranica, Robert R., to Bell Telephone Laboratories Inc. Validity checking circuit. 3,169,168, 2–9–65, Cl. 179—6.3.

Caprio, Gerald L., and L. J. Mattingly, to Motorola, Inc. Signal coupling and trap network. 3,217,096, 11–9–65, Cl. 178—5.8.

Caprioli, Carlo, to Plastic Packaging Products Ltd. Food package and tray. 3,212,907, 10–19–65, Cl. 99—171.

Capron, David J.: *See*—
Woosman, Maxwell S., and Capron. 3,169,348.

Capron, Nicholas J., deceased (by S. W. Capron, administratrix), R. A. Ferren, and W. S. Barnhart, to Pennsalt Chemicals Corp. Stretch orientation of polyvinylidene fluoride. 3,197,538, 7–27–65, Cl. 264—288.

Capron, Nicholas J., and A. Christofas, to Pennsalt Chemicals Corp. Coating composition of vinylidene fluoride polymers. 3,169,120, 2–9–65, Cl. 260—29.6.

Capron, Nicholas J., A. C. Whiton, and A. Christofas, to Pennsalt Chemicals Corp. Solutions of vinylidene fluoride polymers. 3,211,687, 10–12–65, Cl. 260—30.8.

Capron, Shelia W.: *See*—
Capron, Nicholas J., Ferren, and Barnhart. 3,197,538.

Caps (Research) Ltd: *See*—
Cooper, Arthur H., and Frankel. 3,207,051.
Jeffree, John H., and Sutton. 3,168,986.
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Capsie, Inc.: *See*—
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Berendt, Ralph S. and C. D., and Bernthal. 3,186,714.

Capuano, Italo A., to Union Carbide Corp. Measurement of the concentrtaion of dissolved oxygen in liquids. 3,218,-242, 11–16–65, Cl. 204—1.

Capuano, Italo A., and M. D. Weiss, to Union Carbide Corp. Measurement of catalyst activity. 3,214,354, 10–26–65, Cl. 204—1.

Capucio, Eugene. Flip-open container. 3,204,852, 9–7–65, Cl. 229—20.

Capucio, Eugene. Closure cap. 3,216,607, 11–9–65, Cl. 220—39.

Caputi, Alfred A. Race simulating game having interchangeable transmission units of various speed ratios. 3,204,963, 9–7–65, Cl. 273—86.

Caputo, James B., and T. I. Sokolowski, to Sperry Rand Corp. High power broadband waveguide window structure having septum to reduce reflection and ghost mode. 3,183,459, 5–11–65, Cl. 333—98.

Capwell, Howard B., to Woodward Governor Co. Speed and acceleration regulator. 3,225,814, 12–28–65, Cl. 158—36.4.

Car, Tony, A. O. Machnik, M. J. Milkovich, and A. Ivosic. Modular wall construction. 3,221,455, 12–7–65, Cl. 52—285.

Carabateas, Eustratois N: *See*—
Hatsopoulos, George N., and Carabateas. 3,215,869.

Carabateas, Philip M., to Sterling Drug Inc. Methyl 1-aminopiperidine-4-carboxylate. 3,198,801, 8–3–65, Cl. 260—294.3.

Carabateas, Philip M., to Sterling Drug Inc. 1-(3-oximino-3-phenylpropyl)-4-phenyl-4-propionoxy-piperidine. 3,217,009, 11–9–65, Cl. 260—294.3.

Carabateas, Philip M., to Sterling Drug Inc. 1-[N-aryl-N-acylaminoalkyl]-4-aryl-1,2,3,6-tetrahydropyridines, the corresponding piperidines and their salts. 3,226,392, 12–28–65, Cl. 260—293.4.

Carabet, George F.: *See*—
Voegeli, Donald H., and Carabet. 3,200,432.

Carabet, George F., and R. F. Dyer, to The Hoover Co. Control means for a steam and spray iron. 3,218,742, 11–23–65, Cl. 38—77.

Caracciolo, Anthony. Massage apparatus. 3,194,231, 7–13–65, Cl. 128—41.

Caracciolo, Anthony, Sr. Abrader. 3,169,536, 2–16–65, Cl. 132—73.6.

Caraccioli, Walter A.: *See*—
Pizzarello, Roy A., Caraccioli, and Poltersdorf. 3,189,398.

Caracristi, Virginius Z.: *See*—
Powell, Elno M., and Caracristi. 3,169,374.
Schuss, Jack A., and Caracristi. 3,191,658.
Schuss, Jack A., and Caracristi. 3,195,610.
Schuss, Jack A., and Caracristi. 3,212,555.

Caradco Inc.: *See*—
Glab, William T. 3,173,798.
Glab, William T. 3,208,864.
Sitterly, Charles K. 3,208,564.

Caramanna, George, to General Motors Corp. Dual master cylinder push rod equalizing system. 3,220,189, 11–30–65, Cl. 60—54.6.

Caramanna, George, to General Motors Corp. Safety hinge and latch for a vehicle body closure. 3,225,856, 12–28–65, Cl. 180—69.

Caramelli, Carl F. Movable seat mounting. 3,165,289, 1–12–65, Cl. 248—416.

Caravella, Frank, ½ to A. Bellanti. Belt buckle. 3,175,233, 3–30–65, Cl. 7—14.25.

Caravella, Frank S. Roll support. 3,180,586, 4–27–65, Cl. 242—55.2.

Caravella, Frank S. Signal system. 3,186,472, 6–1–65, Cl. 158—122.

Caraway, John B., to Electronics Research, Inc. Circular-type antenna with symmetrically movable arms providing capacitive and inductive variation for tuning. 3,176,299, 3–30–65, Cl. 343—744.

Carbary, Richard J., to General Electric Co. Unitary ice cube tray and storage bin with pivotal connection. 3,187,517, 6–8–65, Cl. 62—344.

Carbary, Richard J., to General Electric Co. Refrigerator cabinet. 3,216,776, 11–9–65, Cl. 312—296.

Carbert, Ralph E., to Tel-E-Lect Products, Inc. Earth-boring apparatus. 3,165,157, 1–12–65, Cl. 173—28.

Carbert, Ralph E., and H. R. Larson, to Tel-E-Lect Products, Inc. Utility equipment. 3,189,194, 6–15–65, Cl. 214—3.

Carbogen Corp.: *See*—
Roberts, Edward S., and Christmann. 3,166,390.

Carbon Paper Co. Ltd.: *See*—
Mino, Shozo, and Otani. 3,203,832.

Carbone, Frank A. Mooring whip anchoring means. 3,187,-707, 6–8–65, Cl. 114—230.

Carbonell, Jose, E. Merian, and R. Neier, to Sandoz Ltd. Process for dyeing shaped articles of polymers of olefinic unsaturated compounds. 3,203,750, 8–31–65, Cl. 8—4.

Carbonetti, Italo. Device to sustain a vehicle driver's thighs. 3,173,722, 3–16–65, Cl. 297—423.

Carboni, Rudolph A., to E. I. du Pont de Nemours and Co. 2,3;4,5-dibenzo-1,3a,6,6a-tetraazapentalenes. 3,166,567, 1–19–65, Cl. 260—308.

Carboni, Rudolph A., to E. I. du Pont de Nemours and Co. 1,1'-bibenzotriazoles and their preparation. 3,184,472, 5–18–65, Cl. 260—308.

Carboni, Rudolph A., to E. I. du Pont de Nemours and Co. 2,5-diaryl-1,2,3,4,5,6-hexaazapentalenes. 3,190,886, 6–22–65, Cl. 260—308.

Carboni, Rudolph A., to E. I. du Pont de Nemours and Co. Certain 2-(O-aminophenyl)-tetrahydrobenzothiazole compounds. 3,197,475, 7–27–65, Cl. 260—308.

Carboni, Rudolph A., and J. R. Roland, to E. I. du Pont de Nemours and Co. 3-amino-2,4 bis sulfonyl-crotononitriles and production thereof. 3,166,582, 1–19–65, Cl. 260—465.

Carbonic Development Corp.: *See*—
Kervin, Willis D. 3,203,441.

Carborundum Co., The: *See*—
Cantrell, John. 3,203,775.
Crean, John E. 3,186,135.
Foot, Donald G. 3,175,894.
Joy, Paul W. 3,210,891.
Kuhn, William E. 3,166,380.
Kuhn, William E. 3,175,884.
Lambertson, Wingate A., and Carroll. 3,205,465.
McCord, Andrew T. 3,205,053.
McGahan, John J., and Caine. 3,175,918.
O'Neil, Joseph R., Jr., Kirsch, and Buell. 3,200,543.
Shaffer, Peter T. B. 3,189,477.
Shulze, Charles E. 3,165,864.
Taylor, Kenneth M. 3,166,614.
Taylor, Kenneth M. 3,189,472.
Taylor, Kenneth M. 3,205,043.

Carcano, Donato: *See*—
Ragazzini, Mario, Carcano, Garbuglio, and Doria. 3,193,-543.

Card, Joseph L., and B. H. Wittler, to The Singer Co. Pattern attachment for tufting machines. 3,207,105, 9–21–65, Cl. 112—79.

Card, Londa Y. Infant-holding attachment for seats. 3,165,-358, 1–12–65, Cl. 297—389.

Card, Roy T., to The Singer Co. Pattern attachment for tufting machines. 3,224,395, 12–21–65, Cl. 112—79.

Cardenas, Victor N., and A. M. Saldivar, to Axial S.A. Novel safety plug and receptacle for low-tension installations. 3,214,726, 10–26–65, Cl. 339—189.

Carder, Victor H.: *See*—
McCartney, Duane N., and Carder. 3,220,585.

Carder, Victor H., to Cochran Equipment Co. High lift trailer. 3,220,698, 11–30–65, Cl. 254—2.

Cardile, Angelo J.: *See*—
Coleman, John W., and Cardile. 3,171,956.
Coleman, John W., and Cardile. 3,171,957.

Cardile, Angelo J., to Radio Corp. of America. Temperature controlled and adjustable specimen stage for scientific instruments. 3,171,955, 3–2–65, Cl. 250—49.5.

Cardin, Richard C., Jr.: *See*—
Quan, Wasson, and Cardin. 3,187,091.

Cardina, James A., to The Goodyear Tire & Rubber Co. Method of bonding a rubbery composition to a reinforcing element. 3,190,764, 6–22–65, Cl. 117—62.2.

Cardinal Chemical Co.: *See*—
Quattlebaum, William M., Jr., and Harwicke. 3,208,969.

Cardinal Scale Mfg. Co.: *See*—
Perry, William H., Jr. 3,174,566.

Cardinet, Guy, and E. Faudemay, to Gillette France. Method for making knives of undulatory contour. 3,168,843, 2–9–65, Cl. 76—104.

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Di Toro, Michael J. 3,206,687.
Di Toro, Michael J. 3,206,688.

Cardiosonics Medical Instrument Co.: *See*—
Dudler, Hans A. 3,185,251.
Littmann, David. 3,168,161.
Littmann, David, and Goodnow. 3,168,160.
Machlup, Gustav F. 3,215,224.
Weber, Russell E. 3,224,526.

Cardis, Donald R.: *See*—
Hart, Jack B., Butler, and Cardis. 3,210,986.

Cardner, Vloden N.: *See*—
Jarman, Harry L. 3,169,280.

Cardoza, Irving A. Output control for accordions. 3,175,448, 3–30–65, Cl. 84—376.

Cardwell, John G., Jr., to General Electric Co. Electric incandescent lamp. 3,211,943, 10–12–65, Cl. 313—315.
Cardwell, John G., Jr., to General Electric Co. Electric incandescent lamp with integral fuse. 3,211,950, 10–12–65, Cl. 315—74.
Cardwell, Lloyd, to Cardwell Westinghouse Co. Friction draft gear. 3,178,036, 4–13–65, Cl. 213—33.
Cardwell, Lloyd. Golfer's head movement indicator. 3,178,187, 4–13–65, Cl. 273—183.
Cardwell Machine Co., The: *See*—
Jarrett, Edwin A., and Bultman. 3,171,872.
Cardwell Westinghouse Co.: *See*—
Cardwell, Lloyd. 3,178,036.
Rauglas, Gerard. 3,177,985.
Cardwell, William T., Jr. Double bipolar photosculpture. 3,213,757, 10–26–65, Cl. 90—13.
Careddu, Orazio. Four strokes, four pistons, I.C. engine with toric cylinder. 3,221,716, 12–7–65, Cl. 123—11.
Careje, Michel, to Derefa Etablissement pour le Developpment, Recherches et Fabrications Industrielles, Societe dite. Milling cutters. 3,203,072, 8–31–65, Cl. 29—105.
Carel, Alfred B., D. L. Kohler, and J. W. Hastings, Jr., to Continental Oil Co. Receiver assembly for vacuum distillation apparatus. 3,219,551, 11–23–65, Cl. 202—161.
Carels, Peter F.: *See*—
Brandenberg, Karl A., and Carels. 3,175,581.
Caressa, Inc.: *See*—
Taicher, Leonard L. 3,170,249.
Carew, Howard J. Flexible and extensible building wall constructions. 3,216,156, 11–9–65, Cl. 52—94.
Carew, Howard J. Integrated building framing and floor therefor. 3,216,163, 11–9–65, Cl. 52—251.
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Braun, William H. 3,215,047.
Carey, Philip, Mfg. Co., The: *See*—
Theobald, Paul F. 3,190,040.
Carey, Richard T., and R. M. Blanken, to The Borden Co. Process for preparing dried eggs. 3,201,261, 8–17–65, Cl. 99—210.
Carey, Ross J., to General Foods Corp. Bleaching yellow corn flour. 3,203,810, 8–31–65, Cl. 99—232.
Carey, William R.: *See*—
Tinder, David V., and Carey. 3,182,525.
Cargile, Neil H., Jr. Hydraulic drive means for dredge comprising means for the selective injection or withdrawal of pressure fluid from a motor driving circuit. 3,206,875, 9–21–65, Cl. 37—67.
Cargill, Don A. Manufacturing system using free floating fixture line. Re. 25,886, 10–26–65, Cl. 29—200.
Cargill, Inc.: *See*—
Wilson, Samuel G., Olson, and Tweet. 3,192,061.
Cargill, James T., to The Kendall Co. Yarn furnishing device. 3,209,558, 10–5–65, Cl. 66—132.
Cargocaire Engineering Corp.: *See*—
Asker, Gunnar C. F. 3,210,954.
Cariani, Silvio J. Reuseable caps for candlepins. 3,193,291, 7–6–65, Cl. 273—82.
Caribonum Ltd.: *See*—
Francis, Frederick G., Huxford, Seaward, and Burton. 3,164,074.
Caridis, Andrew A.: *See*—
Benson, Clark K., and Caridis. 3,209,678.
Benson, Clark K., and Caridis. 3,223,024.
Carifi, Ralph. Razor blade holders. 3,171,201, 3–2–65, Cl. 30—335.
Carillon Lighting Ltd.: *See*—
McIntosh, Lawrie G. 3,214,724.
Carinthia-Elektrogerate Gesellschaft m.b.H.: *See*—
Heyek, Gerhard. 3,213,535.
Heyek, Gerhard. 3,216,286.
Carisi, Vincent J. Corner fastening. 3,195,196, 7–20–65, Cl. 20—92.
Carissimi, Vincent L., and O. L. Taylor, to Westinghouse Electric Corp. Wiring device and wire engagement means therefor. 3,165,614, 1–12–65, Cl. 200—166.
Carissimi, Vincent L., and O. L. Taylor, to Westinghouse Electric Corp. Biasing mechanism for silent toggle action. 3,194,929, 7–13–65, Cl. 200—153.
Carkhuff, Le Roy F.: *See*—
Peppler, William S., and Carkhuff. 3,165,984.
Carl, Paul R., to Socony Mobil Oil Co., Inc. Process for producing high energy jet fuels. 3,222,274, 12–7–65, Cl. 208—143.
Carl, Ralph W.: *See*—
Linsk, Jack, Carl, and Field. 3,164,537.
Carl, Wellington C., and H. A. Zollinger, to Westinghouse Electric Corp. Load maneuvering apparatus. 3,189,196, 6–15–65, Cl. 214—14.
Carlberg, Robert E.: *See*—
Kossan, Robert L., Carlberg, Weber, Allen, Wermager, Scheurich, and Matson. 3,215,040.
Landstrom, Sven, and Carlberg. 3,166,975.
Carle, Don W., and M. R. Burnell, to Beckman Instruments, Inc. Gas chromatograph. 3,174,326, 3–23–65, Cl. 73—23.1.
Carle, Robert A., and N. T. Blasor, to Phillips Petroleum Co. Tape application. 3,206,911, 9–21–65, Cl. 53—137.
Carlen, Bo R. J., to Bonnierforetagen, AB. Device for counting newspapers and the like. 3,174,686, 3–23–65, Cl. 235—98.
Carlen, Bo R. J., to Bonnierforetagen, AB. Reversing belt conveyor apparatus. 3,224,558, 12–21–65, Cl. 198—35.
Carleton, James J., and E. J. King, to General Motors Corp. Guide roller assembly. 3,199,930, 8–10–65, Cl. 308—6.
Carleton, John T., to United States of America, Atomic Energy Commission. Neutronic reactor structure. 3,200,046, 8–10–65, Cl. 176—41.
Carleton, Richard L., to Butler Mfg. Co. Signboard engaging means. 3,201,841, 8–24–65, Cl. 24—243.
Carletti, Ledo R. Exhaust manifold system for internal combustion engines. 3,221,492, 12–7–65, Cl. 60—13.
Carley, Leon A.: *See* —
Harris, Donald B. 3,196,821.
Carley-Macauly, Kenneth W., and M. MacKenzie, to United Kingdom Atomic Energy Authority. Methods of producing carbon-impregnated artefacts. 3,164,487, 1–5–65, Cl. 117—46.
Carlick, Daniel J.: *See*—
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Carlin, Robert, and J. R. Plate, to Allis-Chalmers Mfg. Co. Hydraulic implement control for tractors. 3,182,729, 5–11–65, Cl. 172—7.
Carlin, William W.: *See*—
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Carling, Conrad I., to Carling Electric, Inc. Insulating and/or dust cover for switches. 3,165,574, 1–12–65, Cl. 174—59.
Carling, Conrad I., to Carling Electric, Inc. Interlocking mechanism for a dual rocker-button actuated electric multiswitch. 3,225,153, 12–21–65, Cl. 200—50.
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Carling, Conrad I. 3,225,153.
Hagberg Hugo E. 3,165,611.
Hagberg, Hugo E. 3,169,172.
Sahrbacker, Edward V. 3,225,156.
Sorenson Wesley T. 3,165,603.
Sorenson, Wesley T. 3,165,604.
Sorenson, Wesley T. 3,168,612.
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Carlini, Richard E. Protective helmet. 3,186,004, 6–1–65, Cl. 2—3.
Carlisle Chemical Works, Inc.: *See*—
Ackerman, Bernard. 3,197,423.
Barbanson, Edouard. 3,183,238.
Hechenbleikner, Ingenuin, and Bresser. 3,167,527.
Hechenbleikner, Ingenuin, Bresser, and Homberg. 3,196,129.
Hechenbleikner, Ingenuin, Bresser, and Homberg. 3,217,004.
Hechenbleikner, Ingenuin, and Homberg. 3,209,017.
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Hechenbleikner, Ingenuin, and Molt. 3,209,013.
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Carlisle Research and Development Corp.: *See*—
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Carlisle, Richard W. 3,204,585.
Carlisle, Richard S., to Carlisle Research and Development Corp. Segmented helmet. 3,197,784, 8–3–65, Cl. 2—3.
Carlisle, Richard W., to Carlisle Research and Development Corp. Blast resistant structure. 3,204,585, 9–7–65, Cl. 109—1.
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Carlisle, Willis C.: *See*—
McCarvell, John H., and Carlisle. 3,192,869.
Carlisle, Willis C., and J. H. McCarvell, to Macco Oil Tool Co., Inc. Fluid-operated gas lift apparatus. 3,194,175, 7–13–65, Cl. 103—232.
Carliss, Oswald S., to Yale & Towne, Inc. Vacuum system for load handling. 3,219,380, 11–23–65, Cl. 294—64.
Carlo, Julius R. Produce bagging apparatus. 3,183,643, 5–18–65, Cl. 53—261.
Carlon, Hugh R., to United States of America, Army. Automatic glower supply. 3,202,870, 8–24–65, Cl. 315—116.
Carlon, Hugh R., and H. Tannenbaum. Portable infrared detector comprising a filter wheel. 3,194,962, 7–13–65, Cl. 250—43.5.
Carloni, Mario. Process for the treatment of shaped food paste. 3,172,765, 3–9–65, Cl. 99—85.
Carls, William. Manifold construction. 3,195,572, 7–20–65, Cl. 137—608.
Carls, William. Lever operated valve assembly with lost motion connection. 3,195,574, 7–20–65, Cl. 137—625.69.
Carls, William. Combined air muffler and metering valve with replaceable cartridge. 3,208,551, 9–28–65, Cl. 181—36.
Carls, William. Two-piece multiple valve manifold. 3,213,883, 10–26–65, Cl. 137—608.
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Veistrup, Hans J. 3,220,617.
Carlsberg, Robert E.: *See*—
Bauer, Myron J., Carlsberg, and Wilson. 3,166,976.
Carlseen, Howard E. Apparatus for processing strips of roll film. 3,195,437, 7–20–65, Cl. 95—94.
Carlsen, Carl E. Hand stamps. 3,221,647, 12–7–65, Cl. 101—125.

Carlsen, Kurt. Reversible Marine propulsion system. 3,225,-732, 12–28–65, Cl. 115—.5.
Carlsen, William R., to Michigan Tool Co. Cutting tool. 3,209,430, 10–5–65, Cl. 29—95.
Carlsmith, Lawrence A., to Improved Machinery Inc. Continuous upflow digester. 3,206,356, 9–14–65, Cl. 162—237.
Carlson, Albert M. Apparatus for lifting and vertically separating a plurality of heavy vertically stacked objects. 3,224,731, 12–21–65, Cl. 254—131.
Carlson, Alva H.: *See*—
Carlson, Judith A., and A. H. 3,177,571.
Carlson, Arne: *See*—
Ahlbor, Valter A., and Carlson. 3,220,783.
Carlson, Arne, to Arenco Aktiebolag. Arrangement for eliminating tobacco wastage in cigar machines. 3,171,311, 3–2–65, Cl. 83—98.
Carlson, Arne E., to E. I. du Pont de Nemours and Co. Method for increasing sugar content of sugar cane. 3,224,-865, 12–21–65, Cl. 71—2.6.
Carlson, Axel S. Ground vase. 3,190,039, 6–22–65, Cl. 47—41.1.
Carlson, Barber C., and R. C. Hartlein, to The Dow Corning Corp. Use of silanes as concrete additives. 3,190,762, 6–22–65, Cl. 106—90.
Carlson, Carl M. Air impulse counter. 3,186,311, 6–1–65, Cl. 91—443.
Carlson, Carl M. Multi-channel valve. 3,189,049, 6–15–65, Cl. 137—625.24.
Carlson, Carl O., D. B. Congleton, and D. A. Grafton, to The National Cash Register Co. Method and apparatus employing metachromatic material for forming a plurality of individual micro-images. 3,185,026, 5–25–65, Cl. 88—24.
Carlson, Chesley F. Mask. 3,202,071, 8–24–65, Cl. 95—79.
Carlson, Chester F., to Xerox Corp. Image forming apparatus and method. 3,182,591, 5–11–65, Cl. 101—426.
Carlson, Chester F., to Xerox Corp. Xerographic fusing and drying apparatus. 3,199,223, 8–10–65, Cl. 34—155.
Carlson, David A. Retractable sink with disposable basin. 3,206,770, 9–21–65, Cl. 4—169.
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Carlson, Donald A., to Sundstrand Corp. Thermal disconnect. 3,212,613, 10–19–65, Cl. 192—101.
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Stephens, Frederick N., Carlson, and Krug. 3,218,216.
Zebrath Ralph S., Lewis and Carlson. 3,200,562.
Carlson, Elmer A., to Honeywell Inc. Control apparatus. 3,193,198, 7–6–65, Cl. 236—1.
Carlson, Elmer A., to Honeywell Inc. Zone temperature control apparatus with shifting authority. 3,206,120, 9–14–65, Cl. 236—68.
Carlson, Elmer T., to Cutler-Hammer, Inc. Busway. 3,196,-294, 7–20–65, Cl. 307—147.
Carlson, Elmer V., to Industrial Research Products, Inc. Electro-mechanical transducer. 3,177,412, 4–6–65, Cl. 317—173.
Carlson, Elmer V., and O. E. Pyle, to Industrial Research Products, Inc. Method of making self-supporting coils and mandrel therefor. 3,182 384, 5–11–65, Cl. 29—155.57.
Carlson, Ernest, and F. H. Burkhardt, to Ex-Cell-O Corp. Boring head and method of using same. 3,169,416, 2–16–65, Cl. 77—58.
Carlson, Ernest R., to Harvey Hubbell Inc. Electrical wiring device having improved contact-terminal means. 3,173,-739, 3–16–65, Cl. 339—210.
Carlson, Ernest R., and C. Mackiewicz, to Harvey Hubbell, Inc. Plunger operated alternate action electrical snap switch. 3,213,229, 10–19–65, Cl. 200—68.
Carlson, Floyd E., J. B. Prigg, and P. V. Levin, to Air Products and Chemicals, Inc. Mold filling apparatus. 3,212,-128, 10–19–65, Cl. 18—4.
Carlson, Floyd E., J. B. Prigg, and N. E. Swedberg, to Air Products and Chemicals Inc. Foaming apparatus. 3,215,-581, 11–2–65, Cl. 156—443.
Carlson, Fred O. Closure operator. 3,189,142, 6–15–65, Cl. 189—47.
Carlson, Frederick G., and R. J. Brandt. Distance measuring device. 3,191,310, 6–29–65, Cl. 33—141.
Carlson, George R., to Warwick Electronics Inc. Transistorized deflection system. 3,197,671, 7–27–65, Cl. 315—27.
Carlson, Gerald J., to General Electric Co. Magnetron having internal conductive material coated area between anode terminals. 3,223,883 12–14–65, Cl. 315—39.51.
Carlson, Gilbert F., to International Telephone and Telegraph Corp. Hot water heating system having auxiliary pressurizing means. 3,202,355, 8–24–65, Cl. 237—8.
Carlson, Gilbert F., to International Telephone and Telegraph Corp. Pressurized hot water heating system having auxiliary pressurizing vessel. 3,202,357, 8–24–65, Cl. 237—8.
Carlson, Gilbert F., to International Telephone and Telegraph Corp. Device for connecting tubes or pipes. 3,218,093, 11–18–65, Cl. 285—197.
Carlson, Gustave R., deceased; M. N. Carlson, executrix of said G. R. Carlson. Apparatus for chlorination of toilet disposal. 3,195,149, 7–20–65, Cl. 4—10.
Carlson, Harold C. and R. Article carrier. 3,207,212, 9–21–65, Cl. 165—80.

Carlson, Harold V., to The Firestone Tire & Rubber Co. Sealing means for cracked surfaces. 3,223,005, 12–14–65, Cl. 94—17.
Carlson, Harry R.: *See*—
Bauer, Konrad E., and Carlson. 3,225,815.
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Curran, Kenneth E., Ver Planck, and Carlson. 3,198,494.
Carlson, John I., and H. J. Hazelton, to Carlson Tool & Machine Co. Strip brush making machine. 3,178,230, 4–13–65, Cl. 300—2.
Carlson, John I., Sr., and C. P. Page, to General Electric Co. Material transferring apparatus. 3,179,262, 4–20–65, Cl. 214—1.
Carlson, John I., Sr., and C. P. Page, to General Electric Co. Sheet material handling apparatus. 3,198,518, 8–3–65, Cl. 271—86.
Carlson, John W., to The Colorado Fuel and Iron Corp. Burner tuyere arrangement for a blast furnace. 3,166,-621, 1–19–65, Cl. 266—41.
Carlson, John W., to Speed-O-Print Business Machines Corp. Sheet dispensing device. 3,174,643, 3–23–65, Cl. 221—41.
Carlson, John W., to Speed-O-Print Business Machines Corp. Duplicating machines. 3,195,884, 7–20–65, Cl. 271—10.
Carlson, John W., to The Colorado Fuel and Iron Corp. Iron blast furnace fuel injection. 3,197,305, 7–27–65, Cl. 75—42.
Carlson, John W., to Speed-O-Print Business Machines Corp. Trays. 3,202,074, 8-24-65, Cl. 95—95.
Carlson, Joseph A., and D. A. Massa, to Warwick Electronics Inc. Hingedly joined television cabinet that provides for front and rear exposure of components. 3,184,543, 5–18–65, Cl. 178—7.9.
Carlson, Judith A., and A. H. Adjustable hub cap tool. 3,177,571, 4–13–65, Cl. 29—245.
Carlson, Lorien A., and J. J. Kozacik, to Wood Conversion Co. Tool for producing fissures in mineral felt. 3,202,025, 8–24–65, Cl. 83—2.
Carlson, Margit N.: *See*—
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Carlson, Maurice A., and W. R. Wheeler, to Varian Associates. Metal vacuum joint. 3,208,758, 9–28–65, Cl. 277—171.
Carlson, Maurice A., and W. R. Wheeler, to Varian Associates. Tube coupling having deforming means. 3,214,200, 10–26–65, Cl. 285—323.
Carlson, Norman G., to Minnesota Mining and Mfg. Co. Cast porous metal. 3,210,166, 10–5–65, Cl. 29—180.
Carlson, Raymond: *See*—
Carlson, Harold C. and R. 3,207,212.
Carlson, Raymond H., to Textron Industries, Inc. Self-tapping screw and method of manufacture. 3,180,126, 4–27–65, Cl. 72—365.
Carlson, Raymond H., to Textron Industries, Inc. Fluted lobular thread-forming members. 3,209,383, 10–5–65, Cl. 10—152.
Carlson, Reuben C.: *See*—
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Carlson, Reuben C., to Admiral Corp. Bell crank drive. 3,181,052, 4–27–65, Cl. 318—460.
Carlson, Reuben C., to Admiral Corp. Combination switch and relay. 3,192,339, 6–29–65, Cl. 200—87.
Carlson, Reuben C., and J. N. Marchese, to Admiral Corp. Pre-set fine tuning. 3,192,494, 6–29–65, Cl. 334—29.
Carlson, Richard E. Gas heating structure. 3,171,402, 3–2–65, Cl. 126—116.
Carlson, Richard E. Vent cap for gas heating structure. 3,211,079, 10–12–65, Cl. 98—46.
Carlson, Richard H., to G-M Laboratories, Inc. Motor construction. 3,196,300, 7–20–65, Cl. 310—89.
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Carlson, Robert M., P. M. Estes, and D. E. Feeman, to Western Electric Co., Inc. Resiliently supportable, rigidly held terminal. 3,202,757, 8–24–65, Cl. 174—153.
Carlson, Roland P.: *See*—
Hart, Benjamin F., Carlson, and Zubal. 3,206,964.
Carlson, Roy E.: *See*—
Wirz, Christian J., and Carlson. 3,198,511.
Carlson Tool & Machine Co.: *See*—
Carlson, John I., and Hazelton. 3,178,230.
Peterson, Harold C. 3,191,478.
Carlson, Walter B., to Babcock & Wilcox Ltd. Fuel burners having air control means. 3,208,502, 9–28–65, Cl. 158—1.5.
Carlson, Wilbur L., to General Motors Corp. Method of making a pinion and disc. 3,206,840, 9–21–65, Cl. 29—159.2.
Carlson, William L., Jr., to Honeywell Inc. Conductive fluid resolver. 3,177,383, 4–6–65, Cl. 310—11.
Carlsson, Åke S. Method and means for equalizing quality fluctuations in manufacture of fibre mass. 3,182,966, 5–11–65, Cl. 259—4.
Carlsson, Erik H.: *See*—
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Carlstedt, Ragnar L., to Kennametal, Inc. Boring bar. 3,164.041, 1–5–65, Cl. 77—58.

Carlstedt, Ragnar L., to Kennametal, Inc. Vibration damping device. 3,207,009, 9–21–65, Cl. 77—58.
Carlstedt, Ragnar L., to Kennametal, Inc. Method and apparatus for damping vibrations. 3,207,014, 9–21–65, Cl. 82—34.
Carlstrom, Borge I., and K. Rumberg, to Hoeganaes Development Co., Ltd. Acid-cured furfuryl alcohol or furfuryl alcohol/furfural polymer, with plaster of Paris. 3,220,970, 11–30–65, Cl. 260—37.
Carlton, Chester F.: *See*—
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Kramer, Vance M., and Carlton. 3,168,604.
Carlton, Louis A.: *See*—
Peters, Beldon A., Rich, and Carlton. 3,176,304.
Carlton, Louis A., and A. E. Pierce, to Esso Production Research Co. Pipe collar locator. 3,185,997, 5–25–65, Cl. 346—33.
Carlton, Raymond R., to Omark Industries, Inc. Brush cutting chain. 3,180,378, 4–27–65, Cl. 143—135.
Carlton, Raymond R., to Omark Industries, Inc. Saw chain. 3,183,948, 5–18–65, Cl. 143—135.
Carlton, Robert H., to Universal Oil Products Co. Retarding corrosion of heat exchangers. 3,189,537, 6–15–65, Cl. 208—47.
Carlton, Sydney E. Swing type check valve with internal relief valve. 3,212,520, 10–19–65, Cl. 137—493.1.
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Carlyle, William C., to Square D Co. Electrical panelboard enclosure. 3,202,881, 8–24–65, Cl. 317—119.
Carmack, Allen H., and J. W. De Frees. Phototypographic apparatus. 3,191,510, 6–29–65, Cl. 6.
Carmack, Cleo F. Means forming radial holes by a vertically traveling punch. 3,165,787, 1–19–65, Cl. 18—42.
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Carman, Edward C., and H. Ritter, to Avco Corp. Transportable shelter. 3,187,852, 6–8–65, Cl. 189—2.
Carman, Ernest H. D.: *See*—
Cross, Harry E., Carman, and Read. 3,174,927.
Carman, Justice N., to Carman Laboratories, Inc. Glass encapsulated semiconductor device. 3,200,310, 8–10–65, Cl. 317—234.
Carman Laboratories, Inc.: *See*—
Carman, Justice N. 3,200,310.
Carmichael, Duncan G., to Eastman Kodak Co. Dyed cellulose ester textile materials resistant to chlorine fading. 3,201,190, 8–17–65, Cl. 8—61.
Carmichael, George N., and V. Rylka, to Triangle Conduit & Cable Co., Inc. Apparatus for coating elongated bodies. 3,166,440, 1–19–65, Cl. 118—109.
Carmichael, Gershom N. Bow making machine. 3,180,542, 4–27–65, Cl. 223—46.
Carmichael, Henry St. G. T., Jr. Method of and means for modifying race courses. 3,203,396, 8–31–65, Cl. 119—15.5.
Carmichael, Robert, and W. A. Vulpio, to Union Carbide Corp. Combined safety blow-out and gas permeable membrane for galvanic cells. 3,218,197, 11–16–65, Cl. 136—133.
Carmichael, Robert, and J. Southworth, Jr., to Union Carbide Corp. Method of sealing a galvanic cell. 3,223,559, 12–14–65, Cl. 136—175.
Carmichael, Thomas F., and E. C. Ayer, to Synchro Corp. Inductance-capacitance device and method of manufacture. 3,202,592, 8–24–65, Cl. 204—58.
Carmmell Laird and Co. (Shipbuilders & Engineers) Ltd.: *See*—
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Carnall, Edward, Jr., to Eastman Kodak Co. Lanthanum fluoride infrared transmitting optical elements. 3,206,279, 9–14–65, Cl. 23—88.
Carnall, Edward, Jr., and P. B. Mauer, to Eastman Kodak Co. Hot molded compacts for use in vacuum coating of optical interference films and method of preparing such films therefrom. 3,178,307, 4–13–65, Cl. 117—66.
Carnation Co.: *See*—
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Claus, Wilbur S., and Brooks. 3,190,753.
Ciraolo, Samuel. 3,200,974.
Moore, Robert D. 3,205,860.
Moore, Robert D. 3,205,861.
Carner, John W. Support clamp. 3,170,664, 2–23–65, Cl. 248—59.
Carney, Delmar E.: *See*—
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Carney, John L., Jr., and B. A. Trompeter, to ACF Industries Inc. Hatch cover for railway cars. 3,190,238, 6–22–65, Cl. 105—377.
Carney, Peter R. Analyzing instruments. 3,209,999, 10–5–65, Cl. 235—70.
Carney, Richard R., to Union Carbide Corp. Cryogenic apparatus. 3,178,897, 4–20–65, Cl. 62—35.
Carney, Richard R., and F. D. Bond, Jr., to Union Carbide Corp. Vacuum-insulated valve for cryogenic fluids. 3,195,564, 7–20–65, Cl. 137—375.
Carney, William M., Jr., to The Greif Bros. Cooperage Corp. Device for securing the filler neck of a container liner to the container. 3,167,210, 1–26–65, Cl. 220—63.
Carnine, Robert L.: *See*—
Wilmotte, Raymond M., and Carnine. 3,214,592.
Carniol, Bohdan, to Tesla, narodni podnik. Method and device for maintaining stationary position of a ferromagnetic body freely floating in electromagnetic field. 3,215,901, 11–2–65, Cl. 317—123.
Carns, Vernon J. Serpentine tube heat exchanger assembly. 3,205,940, 9–14–65, Cl. 165—144.
Caro, Michael R. Drilling apparatus. 3,215,214, 11–2–65, Cl. 175—319.
Carolan, Raymond J., to Puritan Compressed Gas Corp. Oxygen supply system. 3,205,670, 9–14–65, Cl. 62—52.
Caroli, Gerhard, and O. Lutz. Hydraulic clutch. 3,180,571, 4–27–65, Cl. 230—270.
Carolina Knitting Machine Corp.: *See*—
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Haddad, Salomao J. 3,200,617.
Haddad, Salomao J. 3,209,616.
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Caron, Eugene J., to TRW Inc. Temperature compensating trimmer capacitor. 3,214,656, 10–26–65, Cl. 317—248.
Caron, Jacob C.: *See*—
Smithuysen, Wilhelm C., van Velzen, Caron, and de Bruine. 3,190,835.
Caron, Philip E. Steaming apparatus. 3,213,549, 10–26–65, Cl. 34—145.
Caron, Racine. Blaster device. 3,163,963, 1–5–65, Cl. 51—11.
Carondelet Foundry Co.: *See*—
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Caropreso, Frank E., J. H. Craddock, and M. L. Spector, to Pullman Inc. Process for the halogenation of hydrocarbons. 3,214,482, 10–26–65, Cl. 260—659.
Caroselli, Remus F., and R. K. Gagnon, to Owens-Corning Fiberglas Corp. Dyed glass fiber yarn. 3,201,931, 8–24–65, Cl. 57—153.
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Carpenter, Alfred B.: *See*—
Penza, Salvatore J., and Carpenter. 3,208,346.
Carpenter, Arthur J., to General Motors Corp. Brake pedal switch actuating mechanism. 3,219,775, 11–23–65, Cl. 200—61.89.
Carpenter, Arvell A., and H. A. Wright; said Carpenter assor. to H. A. Wright. Central vacuum cleaning apparatus. 3,167,414, 1–26–65, Cl. 55—296.
Carpenter, Clifford L., to Cabot Corp. Apparatus and process for the production of titanium dioxide. 3,203,762, 8–31–65, Cl. 23—202.
Carpenter Corp.: *See*—
Carpenter, William R. 3,181,356.
Carpenter, Dale L., to The Marquardt Corp. Mammalian biopack and method. 3,220,382, 11–30–65, Cl. 119—1.
Carpenter, Frederick D., to General Dynamics Corp. Work holder for supporting a brittle article during a machining operation. 3,180,636, 4–27–65, Cl. 269—224.
Carpenter, George, to British & Overseas Minerals Ltd. Methods of expanding perlite and like materials. 3,201,099, 8–17–65, Cl. 263—21.
Carpenter, Grant H., to Jones & Laughlin Steel Corp. Wire rope configuration. 3,181,291, 5–4–65, Cl. 57—148.
Carpenter, Herbert L., and H. L. Carpenter, Jr., to The Greif Bros. Cooperage Corp. Method of manufacturing plastic lined fiber containers. 3,182,571, 5–11–65, Cl. 93—55.1.
Carpenter, Herbert L., Jr.: *See*—
Carpenter, Herbert L., and H. L. Carpenter, Jr. 3,182,571.
Carpenter, Herbert L., Sr., to Greif Bros. Cooperage Corp. Fiber drums having slip-on closures. 3,179,321, 4–20–65, Cl. 229—5.7.
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Van Winkle, Roy L., Lankford, and Carpenter. 3,181,165.
Van Winkle, Roy L., Lankford, and Carpenter. 3,222,679.
Carpenter, Ivan H., and A. J. Simon. Exhaust system. 3,216,181, 11–9–65, Cl. 55—256.
Carpenter, James W. Paint distributor attachments for rotary-powered paint brushes. 3,225,372, 12–28–65, Cl. 15—29.
Carpenter, Joel C., to Oglebay Norton Co. Hot top refractory and/or exothermic unit. 3,216,689, 11–9–65, Cl. 249—201.
Carpenter, John H., to Cameron and Jones, Inc. Regulable off-gas flow control. 3,178,162, 4–13–65, Cl. 263—29.
Carpenter, Keith H., to General Motors Corp. Windshield cleaning system. 3,190,184, 6–22–65, Cl. 91—219.
Carpenter, Keith H., W. E. Fritz, and F. J. Terkoski, to General Motors Corp. Brush and sealing means for an electric speedometer assembly. 3,226,498, 12–28–65, Cl. 200—24.
Carpenter, Louis L., to Union Carbide Corp. Process for improving bursting strength of plastic pipe. 3,205,289, 9–7–65, Cl. 264—280.
Carpenter, Otis R.: *See*—
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Carpenter, Robert E., to The Glidden Co., Pemco Division. Inorganic coloring materials. 3,201,270, 8–17–65, Cl. 106—302.
Carpenter, Samuel J.: *See*—
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Carpenter, Scott H., to D. E. Smiley. Reciprocating hydraulic motor. 3,173,341, 3–16–65, Cl. 91—401.
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Goda, Kermit J., Jr., and Gross. 3,192,040.
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Carruth, Winford B., M. Slavin, and P. S. Manson, to The Bendix Corp. Direct coupled transistor amplifier including feedback and temperature responsive means. 3,207,-999, 9–21–65, Cl. 330—17.
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Carson, Don B., to Universal Oil Products Co. Fluid distributing means for packed chambers. 3,208,833, 9–28–65, Cl. 23—288.
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Carson, Thomas A., to The Ni-Arb Co., Inc. Device for testing automotive cooling systems. 3,196,673, 7–27–65, Cl. 73—118.
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Carter, Loyd H. Emergency trailer wheel. 3,190,674, 6–22–65, Cl. 280—150.
Carter, Mitchell. Open-celled stretchable putting surface and associated stretch measuring means. 3,215,436, 11–2–65, Cl. 273—176.
Carter, Nelson. Movable vehicle head lamps. 3,168,251, 2–2–65, Cl. 240—62.51.
Carter Parts Co.: *See*—
Frantz, Nicholas, and Kawamoto. 3,166,649.
Carter, Paul H., and R. L. Morse, to Universal Machine Co., Inc. Confectionary novelty and container therefor. 3,165,-252, 1–12–65, Cl. 229—5.5.
Carter, Paul H., to Maryland Cup Co. Hermetical paper containers, lids, and method of providing same. 3,170,568, 2–23–65, Cl. 206—46.
Carter, Paul H., to Maryland Cup Corp. Die for forming container lids. 3,195,423, 7–20–65, Cl. 93—1.3.
Carter, Paul H., R. L. Morse, and T. E. Marion, to Joseph Sharpiro. Manufacture of novelty ice cream products. 3,171,367, 3–2–65, Cl. 107—54.
Carter, Paul H., T. E. Marion, and R. L. Morse, to Universal Machine Co., Inc. Flexible electrical switch post. 3,193,-638, 7–6–65, Cl. 200—61.41.
Carter, Philip M.: *See*—
Horwitt, Laurence G., Carter, and Gurtler. 3,203,246.
Carter Products, Inc.: *See*—
Reich, Irving, and Ayres. 3,171,572.
Carter, Ralph B., Co.: *See*—
Davenport, Robert W. 3,191,539.
Carter, Ralph E., and G. E. Myers, to United States of America, Navy. Quick attach panel fastener. 3,219,158, 11–23–65, Cl. 189—36.
Carter, Ralph H., to Halcon International, Inc. Purification of solid adipic acid. 3,207,783, 9–21–65, Cl. 260—537.
Carter, Richard O., to Miniature Precision Bearings, Inc. Self-aligning spherical bearing assembly and method of assembling same. 3,179,477, 4–20–65, Cl. 308—72.
Carter, Richard T. Methods of removing expendable plastic patterns. 3,222,738, 12–14–65, Cl. 22—196.
Carter, Robert A.: *See*—
Ellenberger, Francis R., and Carter. 3,180,614.
Carter, Robert C., and R. H. Rogers, to Collins Radio Co. Transistor amplifier-oscillator with a feedback switching circuit. 3,193,777, 7–6–65, Cl. 331—59.
Carter, Roger C., Jr., to Hartford Steel Ball Co. Split cone ball bearing. 3,192,002, 6–29–65, Cl. 308—193.
Carter, Ronald P., W. A. Cowin, and M. C. Hall, to The English Electric Co., Ltd. Electrical protection systems. 3,225,256, 12–21–65, Cl. 317—28.
Carter, Sidney T., to Geo. J. Meyer Mfg. Co. Label-pressing device for labeling machines. 3,197,354, 7–27–65, Cl. 156—476.
Carter, Sidney T., to Geo. J. Meyer Mfg. Co. Means for positioning a label relatively to a picker. 3,202,564, 8–24–65, Cl. 156—569.
Carter, Sidney T., to Geo. J. Meyer Mfg. Co. Hold-down apparatus for labeling machines. 3,215,255, 11–2–65, Cl. 198—165.
Carter, Sidney T., to Geo. J. Meyer Mfg. Co. Label magazine. 3,215,582, 11–2–65, Cl. 156—564.
Carter, Sidney T., and J. L. Fedler, to Geo. J. Meyer Mfg. Co. Grip-finger assembly for labeling machines. 3,222,240, 12–7–65, Cl. 156—482.
Carter, Thomas G., Jr. Positive clutch. 3,220,522, 11–30–65, Cl. 192—67.
Carter, Uriel F., and A. F. Kolb, to Cutler-Hammer, Inc. Interlocking operating mechanism. 3,196,227, 7–20–65, Cl. 200—50.
Carter, Valene J.: *See*—
Hewett, Walter R. 3,225,427.
Carter-Wallace, Inc.: *See*—
Ayres, John E. 3,217,938.
Carter, William A.: *See*—
Jensen, Otto, and Carter. 3,210,590.
Carter, William A., to I-T-E Circuit Breaker Co. Gas deflecting plate and operating rod. 3,177,323, 4–6–65, Cl. 200—144.
Carter, William A., W. C. Keathley, and J. L. Price, to United Aircraft Corp. Method of explosively forming a scarf type joint. 3,197,855, 8–3–65, Cl. 29—470.1.
Carter, William B.: *See*—
Acciarri, Jerry A., and Carter. 3,218,343.
Carter, William, Co., The: *See*—
Morin, Joseph F. 3,168,881.
Wells, Richard D. 3,166,763.
Carter, William J., Jr., to The Firewell Co., Inc. Internally cooled gas pump. 3,193,192, 7–6–65, Cl. 230—210.
Carter, William L., to Sundstrand Corp. Retainer assembly. 3,214,204, 10–26–65, Cl. 287—53.
Carter, William S.: *See*—
Cartwright, Cecil L. 3,180,048.
Carthage Mills Inc.: *See*—
Seedorf, Ralph F. Re. 25,751.
Cartier, Philip P.: *See*—
Spencer, Dana R., and Cartier. 3,214,733.
Cartmell, James V.: *See*—
Hsieh, Paul Y., and Cartmell. 3,164,505.
Cartomatic Corp.: *See*—
Grant, Harold J. 3,219,205.
Carton, Jean. Self-balancing servo system with superimposed alternating current for reducing static friction. 3,179,865, 4–20–65, Cl. 318—28.
Carton, Jean, J. Feytis, and P. Fouquet, to Compagnie Francaise Thomson-Houston. Apparatus for the treatment of plastic materials. 3,195,178, 7–20–65, Cl. 18—2.
Cartotecnica Poligrafica A. & G. Fratelli Bianchi S.p.A.: *See*—
Bianchi, Filippo. 3,223,230.
Cartoux, Henri, and F. Dubrous, to Pechiney, Compagnie de Produits Chimiques et Electrometallurgiques. Cast iron protection. 3,197,828, 8–3–65, Cl. 22—216.5.
Cartwright, Cecil L., 50% to W. S. Carter. Detachable thumb rest for fishing reels. 3,180,048, 4–27–65, Cl. 43—25.
Cartwright, Frederick D. Control of directional properties of metals and their alloys. 3,192,756, 7–6–65, Cl. 72—167.
Cartwright, Theodore R.: *See*—
Voight, Robert H. 3,205,419.
Cartwright, Victor F., to Traid Corp. Double sideband-suppressed carrier doppler distance measuring system. 3,168,-735, 2–2–65, Cl. 343—12.
Cartwright, Victor F., to The Ralph M. Parsons Co. Proximity measuring system. 3,174,148, 3–16–65, Cl. 343—12.
Cartwright, Willard E.: *See*—
Baker, Thomas R., and Cartwright. 3,176,978.
Carus Chemical Co., Inc.: *See*—
Carus, Milton B. 3,172,830.
Carus, Milton B., to Carus Chemical Co., Inc. Removal of impurities and recovery of potassium hydroxide in the production of potassium permanganate. 3,172,830, 3–9–65, Cl. 204—82.

Carusi, Alexander, and R. F. Kolec, to Olympic Screw & Rivet Corp. Blind rivet assembly. 3,194,106, 7–13–65, Cl. 85—72.

Caruso, Gerard P., to Shell Oil Co. Process for preparation of oleophilic clay powder thickened fluids. 3,210,274, 10–5–65, Cl. 252—28.

Caruso, John. Device for reducing air pollution from internal combusion engines. 3,177,650, 4–13–65, Cl. 60—30.

Caruthers, Felix P., to Automated Specialties, Inc. Transducer assembly. 3,218,591, 11–16–65, Cl. 336—131.

Carver Foods Co.: *See*—
Dunnam, Thomas R. 3,171,365.

Carver, George P., to Ford Motor Co. Bistable control valve, 3,215,162, 11–2–65, Cl. 137—625.44.

Carver, Lawrence M., and H. Levick, to Stelma, Inc. Electronic relay. 3,170,037. 2–16–65. Cl. 178—70.

Carver, Richard N., R. J. Lohr, and J. Smith, to Lous Marx & Co., Inc. Robot toy and mechanism for actuating the same. 3,199,249, 8–10–65, Cl. 46—247.

Carver, Thurman W., to The Boeing Co. Air mass relative motion meter. 3,222,926, 12–14–65, Cl. 73—180.

Carver, William M., and E. W. Sherrard, to State of Nebraska. Concrete pavement sawed joint depth marker. 3,176,405, 4–6–65, Cl. 33—169.

Carwil Enterprises Inc.: *See*—
Gaska, Cass W. 3,177,959.

Cary, James E., and W. D. Walker, to Sweden Freezer Mfg. Co. Beverage dispensing head. 3,199,738, 8–10–65, Cl. 222—129.2.

Cary, Philip E., to International Harvester Co. Inductor with anti-jam feature. 3,210,510, 10–5–65, Cl. 219—10.43.

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Blinn, Charles E., and Caryotakis. 3,210,593.

Casablancas High Draft Co. Ltd.: *See*—
Noguera, Joseph. 3,195,833.

Casadio, Silvano, to Instituto de Angeli, S.p.A. Aluminum panoate. 3,223,720, 12–14–65, Cl. 260—448.

Casagrande, John T. Position plotting device. 3,187,434, 6–8–65, Cl. 33—1.

Casagrande, Norman: *See*—
Hall, Irvin G., and Casagrande. 3,216,486.

Casale, Charles T., II, to Sperry Rand Corp. Binary counter. 3,180,975, 4–27–65, Cl. 235—92.

Casale, Salvatore A., T. M. Cawthon, Jr., G. G. Joris, and J. R. Tuttle, to Allied Chemical Corp. Olefin polymerization in presence of purified carbon black. 3,179,648, 4–20–65, Cl. 260—94.9.

Casaleggi, Charles J.: *See*—
Scavuzzo, William J., Walulik, and Casaleggi. 3,224,585.

Casaroll, Eugene A.: *See*—
Welch, Russell A. Sr. 3,223,827.

Casas, Edmond R., to Ateliers Provencaux de Reparations Novales et Industrielles. Keel-blocks. 3,184,925, 5–25–65, Cl. 61—66.

Casas-Campillo, Carlos, to Syntex Corp. Process for the preparation of 11α-hydroxy-Δ^4-3-keto steroids from 11-unsubstituted Δ^5-3-hydroxy and 3-acyloxy steroids using psilocybe caerulescens var. mazatatecorum. 3,190,809, 6–22–65, Cl. 195—51.

Casas-Campillo, Carlos, to Syntex Corp. 11α-hydroxylation of 6-substituted-11-desoxy steroids with microorganisms of the genus fusarium, liseola section. 3,203,869, 8–31–65, Cl. 195—51.

Casavant, Robert S., to Lockheed Aircraft Corp. Electronic waveform character generator. 3,207,075, 9–21–65, Cl. 346—33.

Cascade Corp.: *See*—
Faust, Donald M. 3,197,053.
Weinert, Harry F. 3,221,840.

Cascade Humidifiers, Inc.: *See*—
Ayres, Russell W., and Van Doren. 3,209,744.

Cascade Industries, Inc.: *See*—
West, Robert E. 3,184,764.

Casciaro, Arthur: *See*—
Sutherland, John W. 3,179,207.

Casco, Aktiebolaget: *See*—
Franksson, Jan R. 3,164,648.

Casco Products Corp., The: *See*—
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Gurtler, Roman. 3,209,949.
Horwitt, Laurence G., and Krenke. 3,192,343.

Cas-Craft, Inc.: *See*—
White, John L. 3,184,819.

Case, Benjamin T., to Highway Safety Products Corp. Highway safety guard. 3,210,051, 10–5–65, Cl. 256—13.1.

Case, Bernard: *See*—
Ming, Donald L., and Case. 3,224,250.

Case, David A., to The Yellow Springs Instrument Co. Conductivity test cell with automatic compensation for sample temperature. 3,710,111, 2–16–65, Cl. 324—30.

Case, Everett N., and J. Podlipnik, to Sinclair Research, Inc. Handling wax-coated articles. 3,177,091, 4–6–65, Cl. 117—113.

Case, Everett N., and R. Koncos, to Sinclair Research, Inc. Fuel containing anti-icing additive. 3,219,424, 11–23–65, Cl. 44—63.

Case, Everett N., S. H. Patinkin, and D. R. Carlson, to Sinclair Research Inc. Glycerol esters in leaded gasoline. 3,222,146, 12–7–65, Cl. 44—69.

Case, Grover. Holder for injector type razor blades to scrape with. 3,201,867, 8–24–65, Cl. 30—169.

Case Institute of Technology: *See*—
Mergler, Harry W., and Weston. 3,220,260.

Case, J. I., Co.: *See*—
Arnold, Bruce C. 3,202,016.
Baker, Donald C., and Budd. 3,169,039.
Baker, Malvern S. 3,196,903.
Bennett, Milton C. 3,224,196.
Carra, Emil F., Jr., and Wenzel. 3,223,176.
Clarke, Evans L. 3,198,261.
Clarke, Evans L., and Martens. 3,174,446.
Evans, Thomas. 3,215,259.
Gawreluk, Demeter. 3,198,107.
Gawreluk, Demeter. 3,203,429.
Hadler, Howard D. 3,220,171.
Lehmann, Harold A. 3,222,866.
Long, Elton B. 3,216,597.
Long, Elton B. 3,220,580.
Manke, Raymond F. 3,178,148.
Miller, Raymond J. 3,188,119.
Miller, Raymond J. 3,222,865.
Pedersen, Carl O., and Maurer. 3,220,581.
Shumaker, John F. 3,197 050.
Skromme, Robert B. 3,198,106.
Wenning, Maurice H. 3,190,423.
Wenning, Maurice H. 3,204,431.
Wenning, Maurice H. 3,204,754.
Wenzel, Philip D. 3,177,976.
Wenzel, Philip D. 3,219,125.
Wilkinson, Orville L., and Cooke. 3,198,123.
Wilkinson, Orville L., and Cooke. 3,205,906.
Wright, Malcolm E. 3,185,221.
Yeske, Laurel R. 3,199,279.

Case, John S., to Anchor Post Products, Inc. Post and rail fence. 3,195,864, 7–20–65, Cl. 256—65.

Case, John S., to Anchor Post Products, Inc. Split anchor shoe for four cornered structure. 3,195,697, 7–20–65, Cl. 189—30.5.

Case, John S., to Anchor Post Products, Inc. Adjustable terminal attachment for fence rails. 3,195,937, 7–20–65, Cl. 287—54.

Case, Leslie C. 4,4′-diisocyanato-3,5-di-lower alkyl-diphenylmethane. 3,180,883, 4–27–65, Cl. 260—453.

Case, Noel L., and W. A. Gilbert, to Louis Marx & Co., Inc. Railway and road toy. 3,179,063, 4–20–65, Cl. 104—149.

Case Plumbing Mfg. Co.: *See*—
Ducey, James A. 3,172,128.

Case, Ralph T. Anvil providing rivet holding clamp. 3,205,695, 9–14–65, Cl. 72—457.

Case, Robert O., Jr., to North American Aviation, Inc. High resolution scanning radar. 3,178,711, 4–13–65, Cl. 343—16.

Case, Robert O., Jr., R. G. Shelley, and J. M. Page, to North American Aviation, Inc. Position indicating system. 3,177,484, 4–6–65, Cl. 343—7.

Case, Robert O., Jr., and C. H. Child, to North American Aviation, Inc. Monopulse receiver system. 3,185,982, 5–25–65, Cl. 343—16.

Case, Thomas, to International Telephone and Telegraph Corp. Pulse-count control circuit wherein the input is sampled and inhibited upon input exceeding predetermined frequency. 3,187,202, 6–1–65, Cl. 307—88.5.

Casella Lighting Co.: *See*—
De Garmo, Ralph G. M. 3,192,379.

Casely, Robert E., and D. R. Noel, to Armour and Co. Antiseptic compositions. 3,177,115. 4–6–65, Cl. 167—30.

Casey, Charles L., to Reliable Engineering Co. Dispensing machine for articles. 3,194,430, 7–13–65, Cl. 221—11.

Casey, Charles L., to Reliable Engineering Co. Card vending machine. 3,220,605, 11–30–65, Cl. 221—231.

Casey, Cullen. Man's undergarment. 3,207,155, 9–21–65, Cl. 128—159.

Casey, Cullen. Electromagnetic linear positioning apparatus. 3,218,534, 11–16–65, Cl. 318—135.

Casey, Donald F.: *See*—
Anderson, William F., and Casey. 3,176,761.

Casey, Edward H.: *See*—
Mudd, James F., and Casey. 3,203,766.

Casey, Hubert P., to Handi-Smoke, Inc. Cigarette dispensers. 3,197,063, 7–27–65, Cl. 221—195.

Casey, James H., to Minnesota Mining & Mfg. Co. Hand dispenser for adhesive tape. 3,170,613, 2–23–65, Cl. 225—66.

Casey, James H., to Minnesota Mining and Mfg. Co. Method and apparatus for applying easy-opening seal of adhesive tape. 3,221,468, 12–7–65, Cl. 53—14.

Casey, James P.: *See*—
Ashbridge, G. Harry, Casey, Francois, Lohan, Smith, and Mitchell. 3,218,518.

Casey, James P., to Ex-Cell-O Corp. Recording head holder. 3,218,648, 11–16–65, Cl. 346—74.

Casey, James P., and M. L. Ripley. Transducer head locking means. 3,196,215, 7–20–65, Cl. 179—100.2.

Casey, Robert F., to Arthur D. Little, Inc. Electromagnetic indicator. 3,183,503, 5–11–65, Cl. 340—378.

Casey, Robert T., to General Electric Co. High pressure current limiting device. 3,218,412, 11–16–65, Cl. 200—113.

Casey, Robert T., to General Electric Co. Protective device panel assembly. 3,218,519, 11–16–65, Cl. 317—119.

Casey, Robert T., to General Electric Co. Circuit breaker panel assembly. 3,218,520, 11–16–65, Cl. 317—119.

Casey, Robert W. Spark plug cover. 3,181,523, 5–4–65, Cl. 123—198.

Casey, William D., Jr. Nail clipper with protective guard. 3,189,996, 6–22–65, Cl. 30—28.

Casey, William J.: *See*—
Doundoulakis, George J. 3,204,026.
Cash, Burns A., and R. C. Anderson, to United States of America, Air Force. Support means for resistance furnace. 3,179,731, 4–20–65, Cl. 13—6.
Cash, Carl G.: *See*—
Bick, Philip C., and Cash. 3,216,883.
Cash, David R., to James Cash Machine Co. Quilting machine. 3,180,293, 4–27–65, Cl. 112—118.
Cash, James, Machine Co.: *See*—
Cash, David R. 3,180,293.
Cash, James A., Jr. Bedding component manufacturing machine. 3,192,886, 7–6–65, Cl. 112—2.
Cash, Virgil W. Building block with electrical terminal box cast therein. 3,213,578, 10–26–65, Cl. 52—173.
Cashen, William S., and A. Tinkler, to United Kingdom Atomic Energy Authority. Sampling apparatus. 3,169,588, 2–16–65, Cl. 175—51.
Cashin, Colin H., and W. Oldfield, to The Distillers Co. Ltd. Cyclohexanespirohydantoins. 3,213,104, 10–19–65, Cl. 260—309.5.
Cashman, Robert W., to Saginaw Machine and Tool Co. Clamp apparatus. 3,178,789, 4–20–65, Cl. 24—252.
Cashman, Robert W., and A. Wasco, Jr., to Saginaw Machine and Tool Co. Slide assembly. 3,198,588, 8–3–65, Cl. 308—6.
Cashman, Robert W., and A. Wasco, Jr., to Saginaw Machine and Tool Co. Machine tool construction. 3,203,316, 8–31–65, Cl. 90—15.
Cashore, Louis J. Apparatus and method for detecting cord length irregularities in creels. 3,181,354, 5–4–65, Cl. 73—159.
Casillas, Salvador, to El Paso Natural Gas Co. Photoelectric transducer unit. 3,164,011, 1–5–65, Cl. 73—116.
Casimir, Manfred, to Daimler-Benz Aktiengesellschaft. Hydro-pneumatic shock absorber. 3,212,768, 10–19–65, Cl. 267—34.
Casini, Raymond A.: *See*—
Black, Archie S., and Casini. 3,177,120.
Casius Corp. Ltd.: *See*—
Akerfors, Ingvar. 3,204,315.
Caskey, Walter A.: *See*—
Starkey, George W., and Caskey. 3,181,721.
Casner, James P., and J. B. Pesiri. Collapsible lace hook. 3,197,097, 7–27–65, Cl. 223—113.
Caspar, F. A.: *See*—
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Casper, Stanley E., to Chandler Evans Inc. Process and product of chrome plating nitrided steel. 3,205,153, 9–7–65, Cl. 204—37.
Caspers, James W.: *See*—
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Caspers, James W., to United States of America, Navy. Sequential data converter. 3,206,747, 9–14–65, Cl. 343—7.
Casperson, Dariell D., to Koppers Co., Inc. Lance carriage mounted pneumatic jack hammer. 3,175,239, 3–30–65, Cl. 15—104.1.
Cass, Lester E. Valve apparatus for tilting outboard motor. 3,186,375, 6–1–65, Cl. 115—41.
Cass, Ralph S., and R. W. Goetz, to Edcliff Instruments, Inc. Fluid pressure transducer. 3,181,368, 5–4–65, Cl. 73—412.
Cassagne, Pierre: *See*—
De France, Henri, and Cassagne. 3,213,191.
Cassani, Francesco, to Societa Accomandita Motori Endotermici F. Cassani & C. (S.A.M.E.). Control system for a tool-lifting device for tractors. 3,220,485, 11–30–65, Cl. 172—9.
Cassano, James R., to General Motors Corp. Vehicle speed maintaining control system and method. 3,216,522, 11–9–65, Cl. 180—82.1.
Cassano, James R., and W. E. Fritz, to General Motors Corp. Vehicle road speed control mechanism. 3,195,673, 7–20–65, Cl. 180—82.1.
Casse, Marcel. Machine for pressure dyeing felt blanks and the like. 3,199,752, 8–10–65, Cl. 223—10.
Casse, Marcel. Method and machine for producing a web of textile fibres held together by a binder. 3,201,499, 8–17–65, Cl. 264—121.
Cassel, Calvin D.: *See*—
Bell, Vincent G., and Cassel. 3,221,653.
Cassel, Harry A.: *See*—
Maissel, Leon I., and Cassel. 3,178,271.
Cassel, Walter D. Automatic cattle sprayer. 3,173,402, 3–16–65, Cl. 119—157.
Cassella, Albino: *See*—
Astrove, Edgar, Cassella, and Goldman. 3,199,089.
Cassella Farbwerke Mainkur Aktiengesellschaft: *See*—
Gruber, Gunter, and Wannow. 3,188,232.
Zerweck, Werner, Fleischhauer, and Bender. 3,184,280.
Zerweck, Werner, Fleischhauer, and Bender. 3,215,686.
Casselli, Aveo J., to The Singer Co. Locked tufting stitch. 3,225,725, 12–28–65, Cl. 112—410.
Cassey, Harold C.: *See*—
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Cassidy, Francis T., Jr., to International Telephone and Telegraph Corp. Start-stop regenerator. 3,188,387, 6–8–65, Cl. 178—70.
Cassidy, Harry E. Zirconium acetate hair treating composition and process of using same. 3,208,910, 9–28–65, Cl. 167—87.
Cassidy, Irwin B. Continuous feed paint roller. 3,193,868, 7–13–65, Cl. 15—553.
Cassidy, John D.: *See*—
Bauer, Donald R., Cassidy, Hance, and Mullen. 3,181,279.
Cassie, Norman M., and L. C. Hofmann, to Armour and Co. Pressure or vacuum release closure for a container or the like. 3,181,720, 5–4–65, Cl. 215—56.
Cassidy, Paul C., and M. Giella, to Swift & Co. Gel sealant for patent leather. 3,220,962, 11–30–65, Cl. 260—18.
Cassiers, Paul M.: *See*—
De Haes, Louis M., Cassiers, Rott, Wage, and Willems. 3,186,842.
Cassilly, Robert R.: *See*—
Bryson, James R., and Cassilly. 3,187,834.
Castagna, Michael. Trailer step assembly. 3,207,260, 9–21–65, Cl. 182—106.
Castanet, Alain, and M. Lavergne, to Institut Francais du Petrole, des Carburants et Lubrifiants and Compagnie Generale de Geophysique. Vibrator controlling system. 3,208,550, 9–28–65, Cl. 181—.5.
Castany Ferré, Jose. Sewing system for producing alternate stitches on both sides of a material. 3,207,107, 9–21–65, Cl. 112—170.
Castedello, William: *See*—
Schwartz, Morris, and Castedello. 3,211,054.
Castela, Andre, to Institut Francais du Petrole, des Carburants et Lubrifiants. Gripping clamps for pull-off endless chains. 3,216,639, 11–9–65, Cl. 226—173.
Castelijns, Henri F., to International Standard Electric Corp. Electro-dynamic motor operated valve. 3,167,094, 1–26–65, Cl. 137—625.33.
Castellana, Jack P., and R. R. Roberts, to General Motors Corp. Brake control mechanism. 3,166,951, 1–26–65, Cl. 74—531.
Castellani, Edward, and J. T. Schneider, to Pacific Transportation Lines, Inc. Truck holding device. 3,219,152, 11–23–65, Cl. 188—4.
Castellanos, Leo J., to Esso Production Research Co. Marine structure repair caisson. 3,197,968, 8–3–65, Cl. 61—63.
Castelletti, Lewis. Hand operated button sewer. 3,165,080, 1–12–65, Cl. 112—112.
Castelli, Charles, to Johnson & Johnson. Antiseptic dispenser. 3,170,633, 2–23–65, Cl. 239—327.
Castelli, Charles, to Johnson & Johnson. Container with sifter top. 3,194,455, 7–13–65, Cl. 222—545.
Castelli, Charles, to Johnson & Johnson. Dispenser for adhesive tape. 3,199,394, 8–10–65, Cl. 83—578.
Castelli, Deno. Gage element for masonry construction. 3,196,581, 7–27–65, Cl. 50—82.
Castellini, Nello R. System for determining collision courses. 3,179,939, 4–20–65, Cl. 343—112.
Castellion, George A., to American Cyanamid Co. Semiconducting materials. 3,211,517, 10–12–65, Cl. 23—14.
Castellot, Antonio E. Ejector type pumping apparatus. 3,212,450, 10–19–65, Cl. 103—260.
Castillo, Joe. Method and apparatus for the handling of fish. 3,166,043, 1–19–65, Cl. 119—3.
Casten, Ray J., to Faris Corp. Navigational plotter. 3,196,543, 7–27–65, Cl. 33—75.
Castle, Alfred B., to United States of America, Navy. Mechanical graphic recording omni-directional accelerometer. 3,183,512, 5–11–65, Cl. 346—7.
Castle, Alfred B. Latches. 3,201,161, 8–17–65, Cl. 292—173.
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Guild, James C., and Castle. 3,183,164.
Castoe, John H. Spring compressor tool. Re. 25,874, 10–5–65, Cl. 254—10.5.
Castoe, John H. Pressure fluid operated bushing inserting and removing press. 3,217,394, 11–16–65, Cl. 29—252.
Castoe, John H. Tool for adjusting vehicle steering knuckle. 3,218,032, 11–16–65, Cl. 254—126.
Caston, Lowell T. Reversible fan. 3,177,949, 4–13–65, Cl. 170—160.43.
Caston, Thomas C. J. Hook rod and line holder combined. 3,199,243, 8–10–65, Cl. 43—26.
Castor, Charles R.: *See*—
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Castro, William R., to Burroughs Corp. Utility printed circuit board. 3,217,208, 11–9–65, Cl. 317—101.
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Edwards, Eric D., and Elliott. 3,218,256.
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Casty, Richard, H. Abel, A. Maeder, and A. Berger, to Ciba Corp. Process for dyeing wool. 3,218,116, 11–16–65, Cl. 8—54.
Casull, Don C. Flow control valve for drinking containers and the like. 3,184,126, 5–18–65, Cl. 222—487.
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Kussy, Frank W., Thomas, Cataldo, and Kralik. 3,226,-500.
Cataldo, John B., R. W. Thomas, and M. L. Mead, to I-T-E Circuit Breaker Co. Plug-in section for bus duct. 3,206,-706, 9–14–65, Cl. 339—22.
Cataldo, John B., and F. W. Kussy, and G. Witzmann, to I-T-E Circuit Breaker Co. Selector switch means. 3,210,-488, 10–5–65, Cl. 200—50.
Cataldo, John B., Kralik, Kussy, and Thomas, to I-T-E Circuit Breaker Co. Circuit interrupter casing and base. 3,217,130, 11–9–65, Cl. 200—168.
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Catania, Basilio, to Marelli Lenkurt S.p.A. Amplitude detecting device. 3,195,060, 7–13–65, Cl. 329—192.
Catania, Salvatore J. Beauticians' comb with removable auxiliary teeth. 3,192,934, 7–6–65, Cl. 132—136.
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Beyers, Marvin E., and Carter. 3,191,324.
Bullard, David E. 3,198,585.
Burris, Richard A. 3,168,302.
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Diamond, John L., and Pierce. 3,217,500.
Durham, Donald F., and Minor. 3,211,462.
Fair, Jack E. 3,211,560.
Fangman, Charles N., Kronenberg, and Lamport. 3,198,295.
Freedy, Allan L., and Wittry. 3,181,430.
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Gardner, Charles W. 3,198,358.
Hampton, Andrew V., and Morris. 3,165,181.
Hein, Allyn J. 3,210,869.
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Johnson, Gordon W., Lohbauer, and Smith. 3,174,500.
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Johnson, Lloyd E. 3,203,177.
Junck, John A., Klaus, Winters, and Baer. 3,218,106.
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Kampf, Dennis D., Ramsel, and Rohweder. 3,175,502.
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Kupfert, Bernard F., and Yocum. 3,180,648.
Liess, Richard K. 3,210,868.
Lohbauer, Kenneth R., Myers, and Winters. 3,181,667.
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McIndoo, Robert G. 3,211,310.
Mogk, Karl J., Nordling, Ramsel, and Rohweder. 3,217,-851.
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Parken, Dwight W., and Philipsen. 3,165,390.
Peterson, Robert A. 3,185,528.
Ramsel, Charles A. 3,175,664.
Ramsel, Charles A., and Rohweder. 3,198,027.
Ramsel, Charles A., Rohweder, and Shoemaker. 3,181,-394.
Reinama, Harold L. 3,218,107.
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Cates, Lorwin. Safety seat harness. 3,178,226, 4–13–65, Cl. 297—389.
Cathala, Marie E. J. Method and apparatus for burning liquids of low volatility. 3,212,553, 10–19–65, Cl. 158—4.
Catheron, Allan R., L. G. S. Wood, and W. H. Howe, to The Foxboro Co. Electronic control apparatus. 3,196,900, 7–27–65, Cl. 137—487.5.
Cathers, George I., and R. L. Jolley, to United States of America, Atomic Energy Commission. Separation of plutonium hexafluoride from uranium hexafluoride by selective sorption. 3,178,258, 4–13–65, Cl. 23—14.5.
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Strobel, Albert F., and Catino. 3,215,725.
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Catlin, Francis D., to Hardinge Bros., Inc. Indexing means for turrets. 3,184,996, 5–25–65, Cl. 74—822.
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Catlin, Robert T., A. J. Landa, R. J. Service, and R. O. Swain, to Remington Arms Co., Inc. Explosively actuated flaring tool. 3,192,758, 7–6–65, Cl. 72—316.
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Cator, Edward J. to Crawford Fitting Co. Quick-connect magnetic couplings. 3,181,895, 5–4–65, Cl. 285—1.
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Cavallini, Guido, and E. Massarani, to Francesco Vismara S.p.A. Bisglyoxalyldiphenyl derivatives. 3,201,475, 8–17–65, Cl. 260—592.
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Cech, Edward T., Sr., to W. Kaiser. Fluid flow device. 3,225,700, 12–28–65, Cl. 103—139.
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Cech, Robert E., to General Electric Co. Method for reducing copper oxide. 3,186,833, 6–1–65, Cl. 75—72.
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Manning, John A., Jr., Bishop, and Kight. 3,210,451.
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Miller, William B., and Bishop. 3,169,089.
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Cesta, Frank, 35% to A. W. Fisher, 37½% to P. P. Huffard, III, 5% to J. Mucciarelli, and 2½% to M. L. Pagliughi. Replaceable heels for shoes. 3,201,877, 8–24–65, Cl. 36—36.
Cetran, Louis, and K. R. Frechette, to Royal Typewriter Co., Inc. Multi-uniform and variable pitch escapement mechanism. 3,225,886, 12–28–65, Cl. 197—84.
Cetrone, Larry E. Orthopedic belt. 3,171,409, 3–2–65, Cl. 128—99.
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Chabert, Jacques, and M. Remillieux, to Electricite de France (Service National). Device for the correction of river beds. 3,167,922, 2–2–65, Cl. 61—2.
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Chadha, Rajendra N., to W. R. Grace & Co. Polymerization of vinyl monomers. 3,198,772, 8–3–65, Cl. 260—78.4.
Chadha, Rajendra N., to W. R. Grace & Co. Vinyl polymerization process using a catalyst of aluminum alkyl compound, oxygen and peroxidized vinyl monomer. 3,200,103, 8–10–65, Cl. 260—89.1.
Chadha, Rajendra N., D. E. Jefferson, and F. X. Werber, to W. R. Grace & Co. Interpolymer comprising acrylic acid, an acrylic acid ester and a maleic anhydride derivative and a process of preparation. 3,184,440, 5–18–65, Cl. 260—78.5.
Chadwick, Abraham B., to American Radiator & Standard Sanitary Corp. Control circuit for hydronic system. 3,170,630, 2–23–65, Cl. 236—1.
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Chadwick, Alexander, to Chrysler Corp. Fuel control system for a gas turbine engine. 3,183,667, 5–18–65, Cl. 60—39.28.
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Chadwick, Earl L. Device for kitchen tools and the like. 3,224,018, 12–21–65, Cl. 7—14.25.
Chadwick, Earl L., 3.75% to D. A. Schafer, and 1.25% to W. E. Caufield. Saw chain. 3,224,476, 12–21–65, Cl. 143—135.
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Chafee, Glenn R., Jr., to General Electric Co. Ambient-compensated control system for clothes dryers. 3,224,107, 12–21–65, Cl. 34—45.
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Chaffee, Emory L., to Frederick G. Keyes, Inc. Flame photometers. 3,198,062, 8–3–65, Cl. 88—14.
Chaffee, Mack R., and D. W. Leach, to International Business Machines Corp. Rotary stapler. 3,223,304, 12–14–65, Cl. 227—81.
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Chaggaris, Elias G., to General Precision Inc. Bearing race counter rotation apparatus for gyros. 3,200,652, 8–17–65, Cl. 74—5.
Chagnon, Pierre, and R. Platzer, to Commissariat a l'Energie Atomique. Apparatus for the continuous electrolytic regeneration of ion exchange resins. 3,198,723, 8–3–65, Cl. 204—299.
Chaikin, Malcolm, and A. Samson, ½ to Unisearch Ltd., University of New South Wales. Treatment of fibre assemblies with fluids. 3,199,126, 8–10–65, Cl. 8—156.
Chaikin, Saul W., to Stanford Research Institute. Process for inhibition of electrical-contact failure. 3,222,489, 12–7–65, Cl. 200—166.
Chait, Stanley, to Macarr, Inc. Dual rate battery charger with D.C. reference source. 3,193,750, 7–6–65, Cl. 320—22.
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Chalk, Alan J., to General Electric Co. Preparation of stable mixtures of organosilicon compositions in the presence of a nitrogen-containing ligand. 3,188,299, 6–8–65, Cl. 260—46.5.
Chalk, Alan J., to General Electric Co. Preparation of stable copolymerizable organosilicon compositions containing a platinum catalyst and a phosphorus ligand. 3,188,300, 6–8–65, Cl. 260—46.5.
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Chalk, Graeme O., to English Electric Valve Co. Ltd. AGC for electron beam parametric amplifier. 3,215,945, 11–2–65, Cl. 330—4.7.
Chall, Harold J., and C. F. Clemons, to Friden, Inc. Progressive latches for calculating machines. 3,184,159, 5–18–65, Cl. 235—60.
Chall, Harold J., to Friden, Inc. Calculating machine. 3,210,000, 10–5–65, Cl. 235—134.
Chall, Harold J., to Friden Inc. Calculating machine for performing division. 3,216,657, 11–9–65, Cl. 235—60.
Chall, Harold J., and G. W. Bowers, Jr., to Friden, Inc. Multiplication control for calculating machine. 3,212,704, 10–19–65, Cl. 235—60.
Chall, Harold J., and G. Pastrone, to Friden, Inc. Control for short cut multiplication. 3,212,705, 10–19–65, Cl. 235—60.
Chall, Harold J., and G. Pastrone, to Friden, Inc. Multiplication control for calculating machine. 3,214,097, 10–26–65, Cl. 235—145.
Challacombe, Carl N., G. G. Ensign, and W. H. Lienert, to Elgin National Watch Co. Electrically actuated time integrating device. 3,224,183, 12–21–65, Cl. 58—28.
Challen, Henry D., and D. R. Cooper, to Taylor & Challen Ltd. Coining presses. 3,191,525, 6–29–65, Cl. 101—4.
Challender, Robert M.: *See*—
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Challender, Ronald S., to United Kingdom Atomic Energy Authority. Apparatus for replacing an impeller. 3,181,232, 5–4–65, Cl. 29—202.
Challender, Ronald S., and A. C. A. Saunders, to United Kingdom Atomic Energy Authority. Fuel elements for nuclear reactors. 3,216,904, 11–9–65, Cl. 176—81.

Challender, Ronald S., and J. J. Griffiths, to United Kingdom Atomic Energy Authority. Pressure vessel for a nuclear reactor. 3,171,790, 3–2–65, Cl. 176—50.
Challender, Ronald S., J. M. Laithwaite, W. T. Lawton, and J. J. Griffiths, to United Kingdom Atomic Energy Authority. Nuclear reactor systems. 3,192,121, 6–29–65, Cl. 176—60.
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Olsen, Cleo B. 3,166,926.
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Chamberlin, Donald W., to FMC Corp. Apparatus for orienting pear shaped articles. 3,205,993, 9–14–65, Cl. 193—43.
Chamberlin, Donald W., to FMC Corp. Article detecting device. 3,219,169, 11–23–65, Cl. 198—33.
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Chambers, Bynom L., to Belindco, Inc. Apparatus for serging and fringing. 3,188,990, 6–15–65, Cl. 112—64.
Chambers, Bynom L., to Belindco, Inc. Sewing machine needle bar step-over device. 3,213,813, 10–26–65, Cl. 112—79.
Chambers, Harry D., to Eaton Axles Ltd. Vehicle suspension systems. 3,191,964, 6–29–65, Cl. 280—124
Chambers, Harry D., to Eaton Axles Ltd. Yielding connection for anchoring a rigid arm to a vehicle frame. 3,215,-384, 11–2–65, Cl. 248—204.
Chambers, Howard S., to The Panghorn Corp. Blasting wheel construction. 3,191,346, 6–29–65, Cl. 51—9.
Chambers, Isaac M., to Henry Miller Spring and Mfg. Co. Squaring spring flat for coiling machine. 3,225,579, 12–28–65, Cl. 72—142.
Chambers, Jack D. Production of animated pictures. 3,168,-742, 2–2–65, Cl. 352—50.
Chambers, John M., 55% to Berks Associates, Inc. Crankcase oil refining. 3,173,859, 3–16–65, Cl. 208—184.
Chambers, Robert B., to Belt-Scales Corp. Temperature compensating means for closed hydraulic system. 3,189,051, 6–15–65, Cl. 138—30.
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Chambers, Torrence H., to United States of America, Navy. FM search radar employing expanding and collapsing lobe structure. 3,196,435, 7–20–65, Cl. 343—11.
Chambers, Torrence H., and L. F. Kalnoskas, to United States of America, Navy. Delay line storage system. 3,171,-118, 2–23–65, Cl. 343—5.
Chambers, Victor S., and L. H. Howland, to United States Rubber Co. Method of making a synthetic rubber latex employing an alkali polyacrylate. 3,184,424, 5–18–65, Cl. 260—29.7.
Chambers, Warren D., A. H. Osborne, and J. Y. Woo, to The Bendix Corp. Brake mechanism and means to cool same. 3,208,559, 9–28–65, Cl. 188—264.
Chambers, William A.: *See*—
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Chambers, William H. Bladed implement. 3,173,206, 3–16–65, Cl. 30—169.
Chambers, William W., to Robertshaw Controls Co. Temperature control circuit. 3,211,214, 10–12–65, Cl. 165—28.
Chambers, Willie B. Variable diameter pulley. 3,200,661, 8–17–65, Cl. 74—230.17.
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Chamblee, Paul G. Device for softening and dispensing an edible spread. 3,197,076, 7–27–65, Cl. 222—146.
Chamot, Walter M., to Nalco Chemical Co. Condensate polymers, uses thereof, and compositions containing said polymers. 3,184,294, 5–18–65, Cl. 44—62.
Champ, Dennis C., to Union Carbide Canada Ltd. Water-resistant polymers of ethylene oxide. 3,197,332, 7–27–65, Cl. 117—138.8.
Champ, Roger, to La Societe Les Produits Semi-Conducteurs. Manufacture of pure bismuth. 3,218,159, 11–16–65, Cl. 75—63.
Champagnat, Alfred, to The British Petroleum Co. Ltd. Process for recovering pure yeasts. 3,186,922, 6–1–65, Cl. 195—82.
Champagnat, Alfred, and J. Filosa, to The British Petroleum Co. Ltd. Production of yeasts. 3,193,390, 7–6–65, Cl. 99—96.
Champagne, Emory C., to The Berger Brothers Co. Conformal brassiere construction. 3,203,423, 8–31–65, Cl. 128—489.
Champagne, George L. Resuscitator. 3,185,147, 5–25–65, Cl. 128—29.
Champel, Gerard F. M. Device for regulating the humidity of a gaseous mass. 3,206,118, 9–14–65, Cl. 236—44.
Champion Chemicals, Inc.: *See*—
White, William S., Jr. 3,171,485.
Champion Pants Mfg. Co., Inc.: *See*—
Neinken, Maurice A. 3,178,727.
Champion Papers, Inc.: *See*—
Bray, Leonard E. 3,167,231.
Gardner, Alfred T. 3,220,546.
Rhodes, Philip H. 3,226,343.
Warner, Edgar. 3,179,083.
Whitchurch, William E. 3,223,268.
Champion, Robert S. Arrow-shaped frame with adjustable foot and golf-ball position indicators. 3,166,327, 1–19–65, Cl. 273—187.
Champion Spark Plug Co.: *See*—
Hahn, Louis W. 3,193,087.
Champion, William T. Rubber heel having a rear impact section and a collapsible skirt-like portion. 3,196,561, 7–27–65, Cl. 36—35.
Champ-Items, Inc.: *See*—
Dumpis, Janis. 3,177,020.
Champlain Co., Inc.: *See*—
Caulfield, Joseph R. 3,179,405.
Heatley, William A., Jr., and Schaffer. 3,165,056.
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Champlain-Zapata Plastic Machinery, Inc.: *See*—
Lambert, Frank H. 3,190,501.
Champlin, Charles L., to Packaging Corp. of America. Carrying carton for containers. 3,176,902, 4–6–65, Cl. 229—40.
Champlin, Charles L., and J. L. Funke, to PKG Corp. Cartons. 3,214,075, 10–26–65, Cl. 229—16.
Champlin, Charles L., and R. J. Hickin, to Packaging Corp. of America. Shipper carton and package. 3,217,868, 11–16–65, Cl. 206—46.
Champlin, John C.: *See*—
Baker, Lloyd A., and Champlin. 3,214,766.
Chan, William: *See*—
Bowman, Roy E., and Chan. 3,214,598.
Chance, A. B., Co.: *See*—
Curtis, Thomas E., and Gebhardt. 3,226,499.
Fink, Miller H. 3,225,862.
McAuley, Anthony. 3,170,673.
Chance, Joe L., to W. R. Grace & Co. Composition consisting essentially of crystalline urea coated with sugar. 3,195,-999, 7–20–65, Cl. 71—28.
Chance, Leon H., to United States of America, Agriculture. Process for treating cotton textiles with N,N'-ethylene bis [P,P-bis(aziridinyl)-N-methyl phosphinic amide]. 3,205,-034, 9–7–65, Cl. 8—116.2.
Chance, William E., to C. W. Cheney & Son Ltd. Handles. 3,185,272, 5–25–65, Cl. 190—57.
Chance, William E., to C. W. Cheney & Son Ltd. Luggage fittings. 3,185,513, 5–25–65, Cl. 292—281.
Chancellor, Bonnie S.: *See*—
Chancellor, Byron A. and B. S. 3,211,076.
Chancellor, Byron A. and B. S. Air cooling unit for truck tractors. 3,211,076, 10–12–65, Cl. 98—2.
Chancellor, Forrest E. and R. O. Deep well pumping system. Re. 25,786, 6–1–65, Cl. 103—179.
Chancellor, Robert O.: *See*—
Chancellor, Forrest E. and R. O. Re. 25,786.
Chancellor, Roy D. Bottle stopper. 3,181,718, 5–4–65, Cl. 215—9.
Chandler, Clark, deceased; by L. C. Hilton, Jr., executor. Powered edge-shaping tools. 3,215,008, 11–2–65, Cl. 81—15.
Chandler, Coy N., to Avco Corp. System for handling and transporting cargo. 3,204,797, 9–7–65, Cl. 214—518.
Chandler, Coy N., H. W. Bryan, Jr., and R. T. Roach, to Avco Corp. Cargo transporting system. 3,168,959, 2–9–65, Cl. 214—517.

Chandler, David H.: *See*—
Macdonald, John B., and Chandler. 3,221,186.
Chandler, Edward C.: *See*—
Scholefield, William A., and Chandler. 3,206,168.
Chandler Evans Corp.: *See*—
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Maljanian, John M., and Meyer. 3,166,902.
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Chandler, Gordon S.: *See*—
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Burns, James O., and Chandler. 3,196,729.
Chandler, Herman. Thermal-pressure relief device. 3,181,792, 5–4–65. Cl. 236—92.
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Chandler, Richard F.: *See*—
Taylor, Ellis R., Chandler, and Rhein. 3,200,814.
Chandler, Roger E.: *See*—
Kahn, Donald J., and Chandler. 3,185,704.
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Chaneac, André A. L. and H. G. Interacting fluid suspension and vehicles fitted with these suspensions. 3,203,708, 8–31–65, Cl. 280—124.
Chaneac, Henri G.: *See*—
Chaneac, André A. L. and H. G. 3,179,432.
Chaneac, André A. L. and H. G. 3,202,708.
Chaney, Paul W. Aircraft with non-combustion air reaction engine. 3,194,011, 7–13–65, Cl. 60—35.5.
Chaney, Preston E.: *See*—
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Chang, Chang-Sun, to The Bendix Corp. Magnetostrictive transducer. 3,207,958, 9–21–65, Cl. 317—143.
Chang, James T. H., J. F. Dillon, Jr., and U. F. Gianola, to Bell Telephone Laboratories, Inc. Magnetic-optical information storage unit and apparatus. 3,164,816, 1–5–65, Cl. 340—174.
Chang, Joseph J.: *See*—
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Chang, Kern K. N., to Radio Corp. of America. Solid-state nonreciprocal signal amplifier. 3,171,087, 2–23–65, Cl. 330—60.
Chang, Kern K. N., to Radio Corp. of America. Magnetoresistance nonreciprocal signal amplifier. 3,185,937, 5–25–65, Cl. 330—63.
Chang, Kern K. N., to Radio Corp. of America. Signal translating system. 3,189,828, 6–15–65, Cl. 325—451.
Chang, Kern K. N., to Radio Corp. of America. Low-noise high-gain stabilized negative conductance diode frequency converter. 3,195,051, 7–13–65, Cl. 325—449.
Chang, Kern K. N., and H. J. Prager, to Radio Corp. of America. Tunnel diode converter with forward bias of the diode by rectification of signal wave. 3,166,713, 1–19–65, Cl. 325—449.
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Chang, Sheldon S. L., to Robbins & Myers, Inc. Helical multiple pump. 3,203,350, 8–31–65, Cl. 103—4.
Chang, Street, to High Voltage Engineering Corp. Temperature sensing device and method. 3,221,553, 12–7–65, Cl. 73—343.
Chang, Timothy S.: *See*—
Whitmoyer, Clarence W., Wiley, and Chang. 3,192,107.
Chang, Wen-Hsuan, and M. Wismer, to Pittsburgh Plate Glass Co. 2,6,7-trioxa-1-phosphabicyclo[2.2.2]octane sulfo-oxo, and seleno derivatives and process for making same. 3,189,633, 6–15–65, Cl. 260—461.
Chang, William J. H., to The Yoder Co. Quick mass assembly of mill housings. 3,221,529, 12–7–65, Cl. 72—224.
Chang, Winston H., to General Electric Co. Heat treatment of refractory metals. 3,194,697, 7–13–65, Cl. 148—133.
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Channell, James W. and W. H. 3,209,067.
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Manning, Howard H. 3,192,805.
Channer, Orin D.: *See*—
Bloom, John H., and Channer. 3,179,234.
Channing, Derek A., and K. A. W. Kemp, to C.A.V. Ltd. Liquid fuel pumps. 3,196,796, 7–27–65, Cl. 103—2.
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Fillion, Romeo. 3,180,622.
Chantiles, Fred J., and C. W. Reiber; said Reiber assor. to said Chantiles. Control means for vehicle heating system. 3,200,732, 8–17–65, Cl. 98—2.
Chantler, Donald A.: *See*—
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Chantler, Richard: *See*—
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Chantry, William A., and A. E. Molini, to E. I. du Pont de Nemours and Co. High strength polyethylene terephthalate yarn. 3,216,187, 11–9–65, Cl. 57—140.
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Anderson, Maynard E., Chapa, and Polkinghorn. 3,206,573.
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Bellinger, Kenneth P., and Chapdelaine. 3,171,767.
Bellinger, Kenneth P., and Chapdelaine. 3,219,489.
Chapdelaine, Eugene G., to Conversion Chemical Corp. Electroplating test cell and method. 3,215,609, 11–2–65, Cl. 204—1.
Chapin, Almon J., to The Johnson Furnace Co. Round-to-rectangular heat exchanger. 3,195,623, 7–20–65, Cl. 165—129.
Chapin, Daryl M., to Bell Telephone Laboratories, Inc. Multibit magnetic transducer. 3,196,450, 7–20–65, Cl. 346—74.
Chapin, Earl C.: *See*—
Abramo, John G., and Chapin. 3,203,993.
Chapin, Howard R., and J. J. Kaleba, to Controls Co. of America. Snap-action electrical switch having planar terminals mounted in a common plane. 3,189,703, 6–15–65, Cl. 200—67.
Chapin, Howard R., and R. J. Fuchs, to Controls Co. of America. Molded cam assembly. 3,212,353, 10–19–65, Cl. 74—567.
Chapin, Jack R. Berry picking apparatus. 3,165,879, 1–19–65, Cl. 56—330.
Chapin, R. E., Mfg. Works, Inc.: *See*—
Kryman, Edwin F. 3,207,171.
Schedel, Walter R. 3,180,580.
Chapin, Richard D. Plant watering device. 3,199,784, 8–10–65, Cl. 239—65.
Chapin, Richard D. Water distributing system. 3,199,791, 8–10–65, Cl. 239—542.
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Chaplin, Charles J., to Diamond National Corp. Molded pulp package. 3,166,191, 1–19–65. Cl. 206—65.
Chaplin, Hubert O.: *See*—
Berrill, William H., Chaplin, and Pratt. 3,182,354.
Chaplin, Hubert O., to United Shoe Machinery Corp. Leather conditioning. 3,201,812, 8–24–65, Cl. 12—146.
Chaplin, John B., to Bell Aerospace Corp. Ground effect machine. 3,174,573, 3–23–65, Cl. 180—7.
Chaplin, Joseph E., Sr. Sheet metal roofing fastener bender. 3,166,961, 1–26–65, Cl. 81—15.
Chapline, Julea S.: *See*—
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Chapman, Alan, C. D. Marrable, W. P. Mills, and R. Price, to Imperial Chemicals Industries Ltd. Process for the dyeing of stereoregular polypropylene textile materials with aqueous dispersions containing water-insoluble dyestuff. 3,171,710, 3–2–65, Cl. 8—55.
Chapman, Aubrey I., Jr., and B. E. Martel, to Texas Instruments Inc. Optical system for airborne ground mapping radar apparatus. 3,184,735, 5–18–65, Cl. 343—5.
Chapman, Aurelius F., to E. I. du Pont de Nemours and Co. Delustering of glossy surfaces by the use of a non-particle containing coating composition. 3,212,920, 10–19–65, Cl. 117—76.
Chapman, Burton B. Power-driven mixing apparatus. 3,166,303, 1–19–65, Cl. 259—135.
Chapman, Charles C.: *See*—
Hettick, George R., Van Pool, and Chapman. 3,204,011.
Chapman, Charles C., to Phillips Petroleum Co. Process for the elimination of heavy alkylate. 3,211,803, 10–12–65, Cl. 260—683.49.
Chapman, Charles W., to General Electric Co. Starting circuit for wound rotor motors. 3,178,626, 4–13–65, Cl. 318—240.
Chapman Chemical Co.: *See*—
Behr, Eldon A., Tobey, and Hill. 3,220,858.
Reddin, Robert M., and Branch. 3,181,696.
Stutz, Robert E. 3,199,945.
Chapman, Dave, to Mohasco Industries, Inc. Sound insulating building structure with movable partition. 3,165,165, 1–12–65, Cl. 181—33.
Chapman, David D., G. M. Christensen, A. J. Pilgrim, J. A. Stern, and I. Zommers, to The Boeing Co. Transformation of algae to a human nutrient. 3,197,309, 7–27–65, Cl. 99—1.
Chapman, David D., and R. H. Bogan, to Boeing Airplane Co. Process of disposing of human waste. 3,219,575, 11–23–65, Cl. 210—7.
Chapman, Donald M., Jr., to The Smith-Gates Corp. Heating mat. 3,209,128, 9–28–65, Cl. 219—528.
Chapman, Douglas W., to Mallinckrodt Chemical Works. m-(alkanamidoalkanamido)2,4,6-triiodobenzoic acid compounds. 3,210,412, 10–5–65, Cl. 260—518.
Chapman, Duane K., to Ashland Oil & Refining Co. Production of phenylnapthalene. 3,210,434, 10–5–65, Cl. 260—670.
Chapman, Duane K., and G. J. Rozman, to Ashland Oil & Refining Co. Interconversion of hydrocarbon ring compounds. 3,197,518, 7–27–65, Cl. 260—668.
Chapman, Elden G.: *See*—
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Chapman, Evart R.: *See*—
Wood, Palmer R., Chapman, and Spragins. 3,188,479.
Chapman, Everett, to Nordberg Mfg. Co. Magnetic clutch. 3,189,150, 6–15–65, Cl. 192—84.
Chapman, Fred M., and L. J. Sweeney, to Pioneer Products, Inc. Folding barbecue stoves. 3,179,104, 4–20–65, Cl. 126—9.
Chapman, George C., to Owens-Illinois Glass Co. Apparatus for forming glass. 3,192,028, 6–29–65, Cl. 65—199.
Chapman, George R. Silage handling machines. 3,197,040, 7–27–65, Cl. 214—17.
Chapman, George S. Wire dish drainer with glass holding elements. 3,169,641, 2–16–65, Cl. 211—74.
Chapman, H. J., & Co. (Adglow) Ltd.: *See*—
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Chapman, Harvey W., and H. L. Dunlap, deceased (by M. E. Dunlap, special administratrix), to Evans Products Co. Freight bracing apparatus. 3,202,111, 8–24–65, Cl. 105—369.
Chapman, Howard D., and H. C. Banke, to Clarin Mfg. Co. Seating structure. 3,174,795, 3–23–65, Cl. 297—160.
Chapman, Howard H., to United States Rubber Co. Solid tire. 3,179,148, 4–20–65, Cl. 152—310.
Chapman, Hyatt. Aquatic float and assembly. 3,193,855, 7–13–65, Cl. 9—11.
Chapman, James E., and E. S. Cox, to The Garrett Corp. Resilient mount assembly for shaft structure. 3,186,779, 6–1–65, Cl. 308—184.
Chapman, James R., and D. B. Puryear, to The Bendix Corp. Flow metering valve. 3,184,211, 5–18–65, Cl. 251—15.
Chapman, John E., to Dukane Corp. Intercommunication system. 3,202,760, 8–24–65, Cl. 179—1.
Chapman, John H., W. Graham, and R. M. Evans, to Glaxo Laboratories Ltd. Esters of tetraiodoanthranilic acid. 3,218,349, 11–16–65, Cl. 260—471.
Chapman, Martha W.: *See*—
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Ward, Robert E., Jr. 3,195,264.
Chapman, Marvin W. Coin operated dispenser having a message means. 3,186,588, 6–1–65, Cl. 221—3.
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Chapman, Norman W., to General Precision, Inc. Interrogator-responder signalling system. 3,172,102, 3–2–65, Cl. 343—6.5.
Chapman, Ralph, to Wood Processes, Oregon Ltd. Apparatus for applying an adhesive to planar articles such as webs or sheets of veneer. 3,170,604, 2–23–65, Cl. 222—233.
Chapman, Richard D., to Monsanto Co. Method of increasing polyamide viscosity. 3,210,438, 10–5–65, Cl. 260—857.
Chapman, Richard D., to Monsanto Co. Method of improving Young's Modulus of polyamide by condensation in presence of polycarbonate. 3,225,114, 12–21–65, Cl. 260—857.
Chapman, Richard F., to International Telephone and Telegraph Corp. Function encoding system. 3,187,318, 6–1–65, Cl. 340—204.
Chapman, Richard M., to North American Aviation, Inc. Gauge for locating the equator of a spherical cavity. 3,197,879, 8–3–65, Cl. 33—174.
Chapman, Robert D.: *See*—
Carroll, John F., Jr., and Chapman. 3,220,842.
Chapman, Roger, to International Standard Electric Corp. Electrical amplifiers. 3,175,046, 3–23–65, Cl. 179—81.
Chapman, Roger C., Jr., to Bell Telephone Laboratories, Inc. Cumulative type decoder. 3,217,147, 11–9–65, Cl. 235—154.
Chapman, Ronald W., and R. M. Dille, to Texaco Inc. Novel catalyst for the preparation of acetaldehyde from acetylene. 3,189,556, 6–15–65, Cl. 252—428.
Chapman, William C. Adjustable end wrench with locking means. 3,190,154, 6–22–65, Cl. 81—315.
Chapman, William M. Telephone book mark with magnifying lens. 3,209,648, 10–5–65, Cl. 88—39.
Chapman, William P.: *See*—
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Chapman, Zeph S. Cushioned support for headset. 3,192,326, 6–29–65, Cl. 179—178.
Chappell, Frank A., to L. Oertling Ltd. Balances provided with approximate weighing devices. 3,196,968, 7–27–65, Cl. 177—248.
Chappell, Frank A., and D. C. Tappin, to L. Oertling Ltd. Balances for fine weighing. 3,168,154, 2–2–65, Cl. 177—251.
Chappell, Robert E., to Diamond Power Specialty Corp. Long travel soot blower with contoured rail. 3,216,044, 11–9–65, Cl. 15—317.
Chappell, Robert E., to Diamond Power Specialty Corp. Long travel soot blower with telescopic feed tube. 3,216,046, 11–9–65, Cl. 15—317.
Chappell, Robert E., to Diamond Power Specialty Corp. Retractable furnace slurry sprayer. 3,221,994, 12–7–65, Cl. 239—186.
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Bejat, Jean N., Durand, Girard, Savelli, Chappey, Tsoucaris, Soula, and Delmas. 3,176,153.
Chapps, Matthew F. Mounting bracket. 3,199,824, 8–10–65, Cl. 248—289.
Chappuis, Louis L. Apparatus for discharging material from a vessel or other containers. 3,207,382, 9–21–65, Cl. 222—254.
Chapuis, Henri, E. Colombu, P. Granger, and P. Pierrat, to Textile and Chemical Research Co. Ltd. Double twist cabling apparatus. 3,172,247, 3–9–65, Cl. 57—58.52.
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Charbonneau, Robert R., and J. F. Abere, to Minnesota Mining and Mfg. Co. Packaging films. 3,188,265, 6–8–65, Cl. 161—188.
Charbonneau, Robert R., and J. F. Abere, to Minnesota Mining and Mfg. Co. Interface bonding of polymers and product thereof. 3,188,266, 6–8–65, Cl. 161—188.
Charbonnier, Roger, to Rochar Electronique. Electronic bistable circuit. 3,223,853, 12–14–65, Cl. 307—88.5.
Chard, Miles M.: *See*—
Griswold, Donald G., Chard, Wyckoff, and Grau. 3,173,439.
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Chardack, William M. Implantable controls for cardiac pacemakers. 3,198,195, 8–3–65, Cl. 128—419.
Chardack, William M. Electrode and lead. 3,216,424, 11–9–65, Cl. 128—418.
Charland, George A., to Campbell Soup Co. Multiple test unit tester and method. 3,199,672, 8–10–65, Cl. 209—72.
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Charland, Telesphore L., and Y. Tao, to Westinghouse Electric Corp. Process of preparing thermoelectric elements. 3,182,391, 5–11–65, Cl. 29—420.5.
Charle, Roger: *See*—
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Charle, Roger, J. Gascon, and R. Lantz, to Societe Anonyme dite: L'Oreal. Method of using diphenylazo compounds as direct dyes in alkaline media on human hair. 3,164,522, 1–5–65, Cl. 167—88.
Charle, Roger, and R. Lantz, to L'Oreal. Color stabilized hair dye composition of ammonia and trihydroxybenzene. 3,167,478, 1–26–65, Cl. 167—88.
Charle, Roger, and R. Lantz, to Societe Anonyme dite: L'Oreal. N-(substituted-phenyl)-2,4-dihydroxy-anilines. 3,214,472, 10–26–65, Cl. 260—571.
Charles, Asa F., and W. E. Kemp, to ACF Industries, Inc. Railway hopper car. 3,173,381, 3–16–65, Cl. 105—240.
Charles, Daniel, to CSF-Compagnie Generale de Telegraphie Sans Fil. Cathode ray tube deflection system utilizing an auxiliary electron beam. 3,195,008, 7–13–65, Cl. 315—18.
Charles, Geoffrey R. S., and W. T. Sanderson, to Chelton (Hong Kong) Ltd. Ornamental beads and like bodies. 3,192,738, 7–6–65, Cl. 63—2.
Charles, Harold H., to Reynolds Metals Co. Hyperbolic paraboloidal construction. 3,186,128, 6–1–65, Cl. 50—52.
Charles, Max E., and J. G. Hamar, to Iden Mfg. Co., Inc. Packing for washing machines. 3,187,887, 6–8–65, Cl. 206—46.
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Keilen, John J., Jr., and Browder. 3,225,360.
Charlesworth, Robert K., S. A. Murdock, and K. G. Shaw, to The Dow Chemical Co. Recovering polymer from dilute polymer solutions. 3,201,365, 8–17–65, Cl. 260—34.2.
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Clin, Roland J. H., and Charlet. 3,187,108.
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Charlo, Louis F., to Olin Mathieson Chemical Corp. Apparatus for assembly of a primer component with a centerfire cartridge case. 3,187,622, 6–8–65, Cl. 86—12.
Charlop, Herbert, to Metco, Inc. Flame spray construction. 3,179,371, 4–20–65, Cl. 251—321.
Charlop, Herbert, to Metco, Inc. Flame spray construction. 3,185,366 5–25–65, Cl. 226—176.
Charlop, Herbert, to Metco Inc. Flame spray construction. 3,190,559, 6–22–65, Cl. 239—84.
Charlton, Francis R., and F. D. Trischler, to Koppers Co., Inc. Cross-linked triisocyanate-coal tar coating and sealing reaction product. 3,182,032, 5–4–65, Cl. 260—28.
Charlton, Richard E., Jr., and R. E. Hudson, Jr., to West Point-Pepperell, Inc. Process of manufacturing nonwoven fabrics. 3,199,167, 8–10–65, Cl. 28—72.2.
Charlton, Richard J.: *See*—
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Charlton, Weddle & Co. Ltd.: *See*—
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Charlwood, Reginald E., and D. W. Fath, to Cutler-Hammer, Inc. Timing and sequencing control system for sheet fed rotary printing press. 3,195,456, 7–20–65, Cl. 101—184.
Charnock, John A., and K. F. Hammer, to New York Business Development Corp. Fluid filter construction. 3,178,028, 4–13–65, Cl. 210—487.
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Levecque, Marcel, and Charpentier. 3,215,514.
Charpentier, Roger. Magnetic structure having a fixed and variable air gap. 3,204,155, 8–31–65, Cl. 317—201.
Charreau, Paul A. J. Process and apparatus for purifying solvents, more especially for the dry cleaning industry. 3,177,126, 4–6–65, Cl. 202—48.

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Chen, William K.-W., and M. S. Mintz, to American Machine and Foundry Co. Fluid treatment. 3,203,887, 8–31–65, Cl. 204—180.
Chen, William K.-W., and M. S. Mintz, to American Machine & Foundry Co. Multiple chamber electrodialysis apparatus. 3,219,573, 11–23–65, Cl. 204—301.
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Chen, Wu, W. L. Poland, and H. F. Welsh, to Sperry Rand Corp. Multiple aperture photosensitive reader. 3,192,388, 6–29–65, Cl. 250—219.
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Cheney, Grant W., to The Dow Chemical Co. Machine for making and filling blown plastic bottles. 3,196,592, 7–27–65, Cl. 53—140.
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Cheney, Harry A., to Shell Oil Co. Propylene polymerization by titanium trichloride, aluminum dialkyl halide and water. 3,207,740, 9–21–65, Cl. 260—93.7.
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Chenicek, Joseph A., to Universal Oil Products Co. N,N'-bis-(1,3-dimethyl-3-methoxybutyl)-p-phenylene-diamine. 3,189,-650, 6–15–65, Cl. 260—573.
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Chidsey, Francis A., Jr., to Container Corp. of America. Three-piece, enclosed, wrap-around carrier carton. 3,217,924, 11–16–65, Cl. 220—112.

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Chouings, Leslie C., to Automotive Products Co. Ltd. Fluid pressure braking systems. 3,183,671, 5–18–65, Cl. 60—54.5.
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Claes, Arthur L., and D. A. Singer, to Calumet & Hecla, Inc. Apparatus for fabricating extended surface plates. 3,187,-417, 6–8–65, Cl. 29—202.

Claessen, Wilhelmus H. L., to North American Philips Co., Inc. Means for controlling bistable transistor trigger circuits. 3,193,702, 7–6–65, Cl. 307—88.5.

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Claesson, Per H. E., and K. E. Jarnbrink. Contact spring group for relays, change-over switches and the like. 3,182,-159, 5–4–65, Cl. 200—166.

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Claeys, David M., to Orange Research. Pressure responsive indicator. 3,182,630, 5–11–65, Cl. 116—70.

Claeys, Etienne, to Syncoglas N.V. Glass fiber reinforced plastic and method. 3,186,866, 6–1–65, Cl. 117—126.

Claflin, Raymond E., Jr. Position transducers. 3,178,696, 4–13–65, Cl. 340—199.

Claggett, Kermit K. Food conveyor system for restaurants. 3,219,149, 11–23–65, Cl. 186—1.

Claiborne, Marshall L., and E. G. Durrett. Mud scraper. 3,176,771, 4–6–65, Cl. 166—173.

Clair, Verne, Jr., to Kelsey-Hayes Co. Cold pressure welding apparatus. 3,224,658, 12–21–65, Cl. 228—1.

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Clamp, David W. L., to Joseph Lucas (Industries) Ltd. Weighbridges. 3,173,507, 3–16–65, Cl. 177—211.

Clamp, David W. L., to Joseph Lucas (Industries) Ltd. Weighbridges. 3,173,508, 3–16–65, Cl. 177—211.

Clamp, David W. L., to Joseph Lucas (Industries) Ltd. Weighing apparatus. 3,175,631, 3–30–65, Cl. 177—46.

Clamp, Melvin, and G. F. McLean, Jr., to United Shoe Machinery Corp. Heel holddowns for use in heel attaching machines. 3,197,106, 7–27–65, Cl. 227—152.

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Clancey, James T., and R. J. Meyers, to Consolidation Coal Co. Continuous vacuum filter and combustion system utilizing the same. 3,195,484, 7–20–65. Cl. 110—106.

Clancey, James T., T. J. Regan, and E. J. Wasp, to Consolidation Coal Co. Process for concentrating a slurry containing particulate material. 3,203,465, 8–31–65, Cl. 159—47.

Clancy, John J., J. Drougas, and D. W. Lovering, to Arthur D. Little, Inc. Spirit varnish comprising shellac and a urea-formaldehyde resin and process for preparing same. 3,215,-655, 11–2–65, Cl. 260—24.

Clancy, Robert J., and C. P. Sears, to Ford Motor Co. Adjustably supported seat structure. 3,165,351, 1–12–65, Cl. 296—65.

Clancy, Robert J., and R. E. Elliott, to Ford Motor Co. Trim molding fastener. 3,197,935, 8–3–65, Cl. 52—718.

Clapp, Charles W., to General Electric Co. Motion detecting transducer. 3,210,746, 10–5–65, Cl. 340—199.

Clapp, Daniel E., to King-Seeley Thermos Co. Oven heating system. 3,201,565, 8–17–65, Cl. 219—413.

Clapp, Daniel E., to King-Seeley Thermos Co. Thermal switch with calibration means. 3,222,480, 12–7–65, Cl. 200—122.

Clapp, John M.: *See*—
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Clapp, John M., to Ingersoll-Rand Co. Automatic releasing clutch mechanism responsive to torque loads for use in power tools. 3,199,644, 8–10–65, Cl. 192—56.

Clapp, John M., to Ingersoll-Rand Co. Automatic throttle torque responsive power tool. 3,205,992, 9–14–65, Cl. 192—150.

Clapp, John W., and R. C. Hart, to Eastman Kodak Co. Process for treating textile filaments. 3,177,555, 4–13–65, Cl. 28—72.

Clapp, Lewis C. Maser systems. 3,215,988, 11–2–65, Cl. 340—173.

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Clapp, Roy A., to Pako Corp. Compensating circuit for photographic timers. 3,178,999, 4–20–65, Cl. 88—24.

Clapp, Roy A. Photosensitive photographic exposure timer. 3,217,167, 11–9–65, Cl. 250—207.

Clapp, Roy A., to Pako Corp. Photographic printer. 3,220,-304, 11–30–65, Cl. 88—24.

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Clapper, Genung L., to International Business Machines Corp. Zener diode noise generator with feedback for threshold maintenance. 3,165,707, 1–12–65, Cl. 331—78

Clapper, Genung L., to International Business Machines Corp. Pulse shaper and differentiator. 3,174,055, 3–16–65, Cl. 307—88.5.

Clapper, Genung L., to International Business Machines Corp. System for voice answer-back from data processor. 3,183,-303, 5–11–65, Cl. 179—1.

Clapper, Genung L., to International Business Machines Corp. Regenerative amplifier. 3,185,861, 5–25–65, Cl. 307—88.5.

Clapper, Genung L., to International Business Machines Corp. Voice inflection detection circuit. 3,188,388, 6–8–65, Cl. 179—1.

Clapper, Genung L., to International Business Machines Corp. Analogue to binary conversion apparatus. 3,193,668, 7–6–65, Cl. 235—154.

Clapper, Genung L., to International Business Machines Corp. Frequency selective amplifier. 3,193,774, 7–6–65, Cl. 330—28.

Clapper, Genung L., to International Business Machines Corp. Dynamic compression circuit with controlled clipping. 3,200,344, 8–10–65, Cl. 330—24.

Clapper, Genung L., to International Business Machines Corp. Gated oscillator with variable amplitude control. 3,209,-283, 9–28–65, Cl. 331—109.

Clapper, Genung L., to International Business Machines Corp. Multimode transistor circuits. 3,218,483, 11–16–65, Cl. 307—88.5.

Claps, Albert L., to Magnatronics. Theft proof system for automotive ignition systems. 3,194,970, 7–13–65, Cl. 307—10.

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Clar, Milton, ⅓ to R. M. Malamut, and ⅓ to W. T. Dunlap. Apparatus for producing lens patterns from spectacle frame lens openings. 3,170,374, 2–23–65, Cl. 90—13.9.

Clar, Philip L., to Motorola, Inc. Broadband single pole multi-throw diode switch with filter providing matched path between input and on port. 3,223,947, 12–14–65, Cl. 333—7.

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Clarey, Alexander. Heavy duty electrical rotary switches with push-button snap-action. 3,184,557, 5–18–65, Cl. 200—4.

Clargo, Arthur H., and M. O. Pearce, to The Plessey Co. Ltd. Sealed electrolytic capacitor and method of making same. 3,214,649, 10–26–65, Cl. 317—230.

Claridge, Elmond L., to Shell Oil Co. Centrifugal exchangers. 3,179,333, 4–20–65, Cl. 233—15.

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Clark, Alfred J., to Motorola, Inc. Tuning system. 3,177,729, 4–13–65, Cl. 74—10.33.

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Clark, Alfred J., to Motorola, Inc. Tuning apparatus. 3,212,343, 10–19–65, Cl. 74—10.37.

Clark, Arthur R. and M. M., to National Rosin Oil Products, Inc. Liquid polymers of turpentine. 3,220,994, 11–30–65, Cl. 260—93.3.

Clark, Benjamin F., and J. F. Haller, to Olin Mathieson Chemical Corp. Hydrogenation of chlorovinylboranes. 3,226,432, 12–28–65, Cl. 260—543.

Clark, Calvin M., to California Research Corp. Recording storage tube readout method and apparatus. 3,176,274, 3–30–65, Cl. 340—172.5.

Clark, Calvin M., to Chevron Research Co. Well bore gamma-ray spectrum equalization. 3,226,544, 12–28–65. Cl. 250—71.5.

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Clark, Charles W., Jr., to Sweden Freezer Mfg. Co. Freezing cylinder. 3,221,513, 12–7–65, Cl. 62—519.

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Clark, Chester A., to United States of America, Navy. Energy conversion and power amplification system. 3,205,969, 9–14–65, Cl. 181—.5.

Clark, Chester A. Undulating surface driving system. 3,221,702, 12–7–65, Cl. 115—.5.

Clark, Clare L., to J. Kogabshak and J. Kohl. Receptacle support and closure operator. 3,208,706, 9–28–65, Cl. 248—147.

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Clark, Edward B., and W. Hamilton, III, to Jones and Laughlin Steel Corp. Swaging tool. 3,186,205, 6–1–65, Cl. 72—125.

Clark, Edward G., to Burroughs Corp. Transistor bistable device. 3,178,584, 4–13–65, Cl. 307—88.5.

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Clark, George L., and F. L. Prendergast, to Thompson Ramo Wooldridge Inc. Optical attenuator. 3,195,405, 7–20–65, Cl. 88—61.

Clark, George L., and J P. Smith, to Thompson Ramo Wooldridge Inc. Image converter camera. 3,201,654, 8–17–65, Cl. 317—100.

Clark, George L., and J. J. Hickey, to TRW Inc. Time delay circuit. 3,212,011, 10–12–65, Cl. 328—67.

Clark, George L., and J. J. Hickey, to TRW Inc. Protective circuit. 3,225,254, 12–21–65, Cl. 315—163.

Clark, George M. Suction-type matrix drier with means for controlling drying time and suction. 3,186,108, 6–1–65, Cl. 34—053.

Clark, George R. Aircraft landing gear wheel safety device. 3,182,934. 5–11–65, Cl. 244—103.

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Clark, Harold E., to Xerox Corp. Red sensitive xerographic plate and process therefor. 3,170,790, 2–23–65, Cl. 96—1.

Clark, Harold E., to Xerox Corp. Xerographic copying apparatus. 3,190,199, 6–22–65, Cl. 95—1.7.

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Clark, Harold E., to General Motors Corp. Combined magnetic suspension and transformer. 3,199,932, 8–10–65, Cl. 308—10.

Clark, Harold E., to Xerox Corp. Vapor fusing apparatus. 3,215,116, 11–2–65, Cl. 118—637.

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Clark, James A., to Bausch & Lomb Inc. Slide projector including slide positioning means. 3,179,006, 4–20–65, Cl. 88—28.

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Clark, James A., and J. O. Morrison. Combination valve and liquid level gauge. 3,177,715, 4–13–65, Cl. 73—306.

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Clark, James E., to Bell Telephone Laboratories, Inc. Semiconductor encapsulation. 3,193,366, 7–6–65, Cl. 65—54.

Clark, James H., and R. Landron, Jr., to Texas Instruments Inc. Semi-conductor header. 3,193,443, 7–6–65, Cl. 161—196.

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Clark, James W., to Lake Shore, Inc. Skip bucket. 3,223,266, 12–14–65, Cl. 214—707.

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Clark, Jared W., and A. E. Winslow, to Union Carbide Corp. Production of polymeric materials from polyoxyalkylene polyols and cycloaliphatic polyepoxy compounds. 3,182,099, 5–4–65, Cl. 260—830.

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Clark, John R., G. David, Jr., and L. W. Fuller, to Midwestern Instruments, Inc. Starter for multiple electrode lamps. 3,222,570, 12–7–65, Cl. 315—124.

Clark, John W., to General Motors Corp. Self-adjusting parking brake control mechanism. 3,187,595, 6–8–65, Cl. 74—156.

Clark, Joseph C., to L & S Bait Co. of Florida, Inc. Manually controlled brake and clutch for a fishing reel. 3,166,268, 1–19–65, Cl. 242—84.44.

Clark, Joseph C., to True Temper Corp. Spin-casting fishing reel. 3,223,347, 12–14–65, Cl. 242—84.2.

Clark, Joseph C., to True Temper Corp. Spin-cast fishing reel with level winding means. 3,223,348, 12–14–65, Cl. 242—84.21.

Clark, Joseph C., to True Temper Corp. Spool oscillating mechanism for spinning reel. 3,224,703, 12–21–65, Cl. 242—84.21.

Clark, Joseph E., to General Precision, Inc. Electroluminescent-photoconductive tape reader and display system. 3,207,907, 9–21–65, Cl. 250—213.

Clark, Joseph W., to Phillips Petroleum Co. Removal of mercaptans and preparation of S,S,S-trinormal butyl trithiophosphate. 3,178,468, 4–13–65, Cl. 260—461.

Clark, Julius. Apparatus for removing thermoplastic material from containers. 3,180,195, 4–27–65, Cl. 83—408.

Clark, Kenneth B., to Texas Instruments Inc. Forming and solid-phase bonding. 3,220,106, 11–30–65, Cl. 29—473.9.

Clark, Kenneth B., to Texas Instruments Inc. Manufacture of clad rods, tubing and clad tubing. 3,220,107, 11–30–65, Cl. 29—474.1.

Clark, Kenneth G., M. J. Myles, and H. P. Eichin, to Union Carbide Corp. Packaging method and machine. 3,181,956, 5–4–65, Cl. 99—174.

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Clark, Merle M., N. P. Rusanowsky, and W. L. Sage, to The Babcock & Wilcox Co. Cyclone furnace. 3,179,074, 4–20–65, Cl. 110—28.

Clark, Merlin O., and W. B. Wyatt, Jr., to Phillips Petroleum Co. Process control for fractionation column. 3,203,871, 8–31–65, Cl. 202—40.

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Clark, Robert C., to General Electric Co. Code selectors for selective calling systems. 3,166,735, 1–19–65, Cl. 340—164.
Clark, Robert C., to Engineering Associates Inc. Method and apparatus for filling and packing containers. 3,186,448, 6–1–65, Cl. 141—12.
Clark, Robert E., E R. Eckhardt, E. R. Spence, and R. C. Stribley, to American Home Products Corp. Method of preparing liquid infant formula. 3,201,245, 8–17–65, Cl. 99—57.
Clark, Robert E., E. R. Eckhardt, J. B. Hassinen, and R. C. Stribley, to American Home Products Corp. Method of preparing liquid infant formula. 3,201,256, 8–17–65, Cl. 99—63.
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Rogers, Edward F., and Clark. 3,211,610.
Clark, Robert L., and E. F. Rogers, to Merck & Co., Inc. Anticoccidial compositions and methods of using same. 3,211,611, 10–12–65, Cl. 167—53.1.
Clark, Robert L., and E. F. Rogers, to Merck & Co., Inc. Anticoccidial compositions and method of using same. 3,211,613, 10–12–65, Cl. 167—53.1.
Clark, Robert M., to Becton Dickinson and Co. Hypodermic unit with an improved mounting for a replaceable needle assembly. 3,179,107, 4–20–65, Cl. 128—221.
Clark, Robert W., to The National Cash Register Co. Means for driving magnetic storage elements. 3,191,161, 6–22–65, Cl. 340—174.
Clark, Robert W., to The National Cash Register Co. Magnetic memory circuit. 3,223,986, 12–14–65, Cl. 340—174.
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Clark, Thomas H., to British Telecommunications Research Ltd. Shift register with means for displaying stored information. 3,225,342, 12–21–65, Cl. 340—324.
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Clarke, Adna G., Jr. Vehicle combination turn and deceleration indicator. 3,188,608, 6–8–65, Cl. 340—74.
Clarke, Allan B., to Philip Morris, Inc. Method of forming a tobacco product of increased wet strength. 3,194,245, 7–13–65, Cl. 131—140.
Clarke, Alva B., to United States of America, Interior. Edge isolation of photographic imagery. 3,174,857, 3–23–65, Cl. 96—27.
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Clarke, David E., to Texas Instruments Inc. Electrical switches with improved mechanical latching and resetting means. 3,210,501, 10–5–65, Cl. 200—116.
Clarke, Edgar W., and R. E. White, to Villanova University. Sewage treatment process. 3,218,253, 11–16–65, Cl. 210—27.
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Clarke, Frank H., Jr., to Schering Corp. Anti-depressant 10-(3-dimethylaminopropyl)-3-azaphenothiazine. 3,196,076, 7–20–65, Cl. 167—65.
Clarke, Frank W., to Talon, Inc. Beard needle closing device. 3,181,570, 5–4–65. Cl. 139—124.
Clarke, John H. O. Means for prevention of ice damage to boats, piers and the like. 3,170,299, 2–23–65, Cl. 61—1.
Clarke, John S., to Joseph Lucas (Industries) Ltd. Piston and cylinder construction for internal combustion engines. 3,209,735, 10–5–65, Cl. 123—32.
Clarke, John S., and S. R. Jackson, to Joseph Lucas (Industries) Ltd. Exhaust gas combustion apparatus. 3,189,416, 6–15–65, Cl. 23—277.
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Clarke, Raymond W., to North American Philips Co., Inc. Electrical logical circuit. 3,197,657, 7–27–65, Cl. 307—88.5.
Clarke, Raymond W., and D. Kenningham, to North American Philips Co., Inc. Exclusive-OR circuit utilizing constant current to the emitters of multiple transistors. 3,201,609, 8–17–65, Cl. 307—88.5.
Clarke, Richard W., and S. A. Sundin, to Sperry Rand Corp. Transducer support and positioning assembly. 3,193,811, 7–6–65, Cl. 340—174.1.
Clarke, Robert E. Combination wagon. 3,222,078, 12–7–65, Cl. 280—7.17.
Clarke, Robert L., to Sterling Drug Inc. 2-benzyl-3-hydroxy and lower alkoxy piperidines. 3,178,438, 4–13–65, Cl. 260—294.7.
Clarke, Robert L., to Sterling Drug Inc. Alpha-aryl or aralkyl furfurylamines. 3,194,818, 7–13–65, Cl. 260—347.7.
Clarke, Robert L., and J. S. Buck (deceased, by P. G. Buck, executrix), to Sterling Drug Inc. Pyrenylmethyl quaternary ammonium salts. 3,198,794, 8–3–65, Cl. 260—247.
Clarke, Robert L., and J. S. Buck (deceased, by P. G. Buck, executrix), to Sterling Drug Inc. Ethyl 4-phenyl-1-(1-pyrenylmethyl) piperidine-4-carboxylate. 3,198,802, 8–3–65, Cl. 260—294.3.
Clarke, Robert L., and J. S. Buck (deceased, by P. G. Buck, executrix), to Sterling Drug Inc. Pyrenyl methyl tertiary amino amines. 3,198,835, 8–3–65, Cl. 260—570.9.
Clarke, Ronald A. W. Acoustic shield for a tool powered by a gas-operated motor. 3,202,239, 8–24–65, Cl. 181—36.
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Claus, Wilbur S., and E. M. Brooks, to Carnation Co. Process for modifying milk fat. 3,190,753, 6–22–65, Cl. 99—54.
Clause, John W., to W. J. Ruscoe Co. Light reflector. 3,165,-265, 1–12–65, Cl. 240—103.
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Clausen, Mads, to Danfoss A/S. Motor compressor with external welding flange. 3,189,257, 6–15–65, Cl. 230—58.
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Claussen, William H., and G. D. Gould, to California Research Corp. Hydrocarbon conversion process utilizing two hydrocracking reactors. 3,174,925, 3–23–65, Cl. 208—59.
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Claybourn, Carlton C., to Miehle-Goss-Dexter, Inc. Sheet control and spray collection chamber. 3,167,012, 1–26–65, Cl. 101—416.
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Clayton, Robert H., to Westinghouse Electric Corp. Method of obtaining uniform response from a television camera device. 3,179,840, 4–20–65, Cl. 315—10.
Clayton, William B., to Merrick Medicine Co. Fluid purifying apparatus. 3,174,819, 3–23–65, Cl. 21—78.

Claywell, Jack W., and S. O. Peterson, to Preway Inc. Dish basket and cup rack structure for a dishwasher. 3,167,183, 1–26–65, Cl. 211—71.
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Clearman, Jerome P., and B. C. Webster. Invalid walker and ambulatory aid. 3,165,314, 1–12–65, Cl. 272—70.3.
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Cleary, Donald F.: *See*—
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Cleary, James M., to The Atlantic Refining Co. Percussion drills with exhaust passage in hammer. 3,193,024, 7–6–65, Cl. 173—17.
Cleary, James M., to The Atlantic Refining Co. Means for controlling drill bit torque in rotary percussive drilling. 3,223,187, 12–14–65, Cl. 175—320.
Cleary, Robert D., and J. A. Kelly, to The Dow Chemical Co. Floating dispensing device. 3,202,322, 8–24–65, Cl. 222—173.
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Burns, Robert V., and Cleary. 3,193,623.
Cleary, Theodore D.: *See*—
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Loebel, Frederick A. 3,196,841.
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Cleaver, John C., to Cleaver-Brooks Co. Multi-cell heating unit. 3,200,793, 8–17–65, Cl. 122—240.
Cleek, Charles L.: *See*—
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Clegg, Norman E., and W. J. Greening. Process for coating stainless steel. 3,210,220, 10–5–65, Cl. 148—6.21.
Clejan, Deodat, to General American Transportation Corp. Freight transportation systems. 3,168,876, 2–9–65, Cl. 105—368.
Clejan, Deodat, to General American Transportation Corp. Freight transportation systems. 3,168,877, 2–9–65, Cl. 105—368.
Clejan, Deodat, to General American Transportation Corp. Hitches for road semi-trailers. 3,168,878, 2–9–65, Cl. 105—368.
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Clemence, Charles R.: *See*—
Brown, William C., Clemence, and Robinson. 3,182,319.
Clemence, Charles R., and W. C. Brown, to National Research Council. Radar system for determining the muzzle velocity or time of flight of a projectile. 3,182,313, 5–4–65, Cl. 343—7.
Clemence, Charles R., E. F. V. Robinson, and W. C. Brown, to National Research Council. Radar system and method for determining a target point on a projectile trajectory. 3,182,316, 5–4–65, Cl. 343—7.
Clemence, Charles R., W. C. Brown, and E. F. V. Robinson, to National Research Council. Radar system and method for determining target points on projectile trajectories. 3,182,317, 5–4–65, Cl. 343—7.
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Fay, Norman D., and Clemenceau. 3,212,429.
Clemency, William F., and W. D. Goodale, Jr., to Bell Telephone Laboratories, Inc. Loud-speaking telephone. 3,171,901, 3–2–65, Cl. 179—81.
Clemens, David H., to Rohm & Haas Co. Arylalkylacylformamidines. 3,164,633, 1–5–65, Cl. 260—558.
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Clemens, David H., to Rohm & Haas Co. Tri-N-aryl-N-alkylaminomethanes and preparation thereof. 3,214,471, 10–26–65, Cl. 260—570.5.
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Adelaar, Hans H., Clemens, and Masure. 3,187,099.
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Clemens, Ronald. Structures of aerofoil shape. 3,176,775, 4–6–65, Cl. 170—159.
Clemenson, Frederick C., to The Gillette Co. Safety razor having adjustable blade edge exposure. 3,193,923, 7–13–65, Cl. 30—67.
Clement, Carl L., to Kauke and Co., Inc. Decimal accumulator and/or self-decoding digital display unit. 3,223,990, 12–14–65, Cl. 340—324.
Clement, Cecil R., to Phillips Petroleum Co. Well treating process. 3,190,355, 6–22–65, Cl. 166—22.
Clement, Clyde H., ¼ each to Milton L. Morrison, Kenneth Morrison, Lawrence D. Nelson, and Harold C. Conard. Display apparatus. 3,200,522, 8–17–65, Cl. 40—77.
Clement, Clyde H., ¼ each to L. D. Nelson, H. C. Conard, M. L. and K. Morrison. Animated advertising and display assembly. 3,213,557, 10–26–65, Cl. 40—139.
Clement, Geneviève, and J.-C. Balaceanu, to Institut Francais du Pétrole, des Carburants et Lubrifiants. Process for manufacturing conjugated diolefins. 3,171,864, 3–2–65, Cl. 260—681.
Clement, Hans H., and R. Kapoun, to The Seeburg Corp. Program holder assembly. 3,220,128, 11–30–65, Cl. 40—104.
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Clement, Pierre, and M.-J. S. Michiels, to Eastman Kodak Co. Photosensitive element comprising a hydrophobic support, a hydrophilic layer thereon and a light-sensitive resin overcoat layer and photomechanical processes therewith. 3,173,787, 3–16–65, Cl. 96—35.
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Clements, Albert, to The Minster Machine Co. Apparatus for loading dies in presses. 3,183,828, 5–18–65, Cl. 100—224.
Clements, Albert, to Minster Machine Co. Sliding bolster press. 3,212,430, 10–19–65, Cl. 100—35.
Clements, Albert, to The Minster Machine Co. Press with sliding bolster and die clamp. 3,225,686, 12–28–65, Cl. 100—43.
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Clements, Herbert A., to S.S.S. Patents Ltd. Rotary synchronous clutches. 3,197,001, 7–27–65, Cl. 192—67.
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Clements, Herbert A., and H. Sinclair, to S.S.S. Patents Ltd. Synchro self-shifting clutch with invertible parts. 3,205,987, 9–14–65, Cl. 192—67.
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Clements, Ronald B., to T. & T. Vicars Ltd. Feeding mechanisms for biscuit or the like laminar articles. 3,170,559, 2–23–65, Cl. 198—31.
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Clemmons, Dewey L., Jr., to United States of America, National Aeronautics and Space Administration. Thermal control of space vehicles. 3,176,933, 4–6–65, Cl. 244—1.
Clemo, Philip F., J. A. Briggs, W. Wilson, and J. A. Carter, to British Nylon Spinners Ltd. Polymerization of aqueous solutions of polyamide-forming reactants with adiabatic expansion thereof. 3,185,672, 5–25–65, Cl. 260—78.
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Clerbois, Francois, and P. Antoine, to Solvay & Cie. Process control for hypochlorite production. 3,199,949, 8–10–65, Cl. 23—86.
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Clerc, Milton C., to Texas Instruments Inc. Motor speed controller. 3,214,666, 10–26–65, Cl. 318—317.
Clerk, Robert C. Driving and control mechanisms for power-operated machine tools. 3,165,979, 1–19–65, Cl. 91—321.
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Clermon, Louis-Philippe, and F. Bender, to Canadian Patents and Development Ltd. Process for delignification of lignocellulosic materials. 3,218,226, 11–16–65, Cl. 162—72.
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Baker, Charles H. 3,174,276.
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Cleveland, Thomas H., to Mobay Chemical Co. Preparation of organic isocyanates. 3,222,386, 12–7–65, Cl. 260—453.
Cleveland Trencher Co., The: *See*—
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Penote, Vincent S., and Preu. 3,206,876.
Penote, Vincent S., and Rear. 3,206,878.
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Webb, Ernest C. 3,185,477.
Webb, Ernest C. 3,224,768.
Webb, Ernest C., and Murray. 3,224,767.
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Lesher, Robert D., Clark, and Konopka. 3,186,210.
Cleveland Wire Machinery Co.: *See*—
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Cleverdon, Alton A. Electric toothbrush. 3,178,754, 4–20–65, Cl. 15—344.
Cleverly, Robert B.: *See*—
Macdonald, Herbert G., Barbour, Claus, and Cleverly. 3,185,748.
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Alber, Norman E., and Smith. 3,216,076.
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Blumenthal, John. 3,178,519.
Cogan, Margaret R. 3,217,163.
Cook, William R., Jr., and Jaffe. 3,219,583.
Crankshaw, Edwin, and Stricklin. 3,212,831.
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Dietrich, Bernhard. 3,202,940.
Gerlach, Albrecht. 3,201,603.
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Gibbons, James F. 3,192,320.
Hamilton, Noble E. 3,190,732.
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Hubner, Kurt. 3,196,285.
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Johnston, Roy H. 3,212,448.
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Koneval, Donald J. 3,209,178.
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Lungo, Antonio. 3,217,265.
MacDonald, Robert J. 3,205,565.
Meretsky, Paul L. 3,175,893.
Morrison, Wilbert H., and Williams. 3,167,404.
Neumann, Donald F., Blumenthal, Vance, and Sand. 3,217,389.
Pochapsky, Harry, and Kruper. 3,226,308.
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Clewes, Anthony B. Electrical contact and edge connector for such contact. 3,172,717, 3–9–65, Cl. 339—176.
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Clewes, Antony B., to United-Carr Inc. Electrical contact strips. 3,212,051, 10–12–65, Cl. 339—198.
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Ogne, David. 3,177,011.
Clifford, Alan F., to Monsanto Co. Processes for preparing melamine. 3,179,664, 4–20–65, Cl. 260—249.7.
Clifford, Jack. Repair plug for tires. 3,175,599, 3–30–65, Cl. 152—370.
Clifford, Joseph, to Square D Co. Three-pole circuit breaker for use in a single-phase panelboard for protecting a three-phase load. 3,194,908, 7–13–65, Cl. 200—51.
Clifford, Joseph, to Square D Co. Two piece handle locking device each with portions interlockable with the other. 3,197,581, 7–27–65, Cl. 200—42.
Clifford, Joseph, F. Kussy, and H. I. Stanback, to Square D Co. Circuit controlling devices. 3,166,690, 1–19–65, Cl. 317—119.
Clifford, Peter J., to Massey-Ferguson Inc. Disk harrow. 3,216,509, 11–9–65, Cl. 172—413.
Clifford, Peter J., and R. J. Notman, to Massey-Ferguson Inc. Earth working tool and implement guide. 3,187,822, 6–8–65, Cl. 172—701.
Clifford, Peter J., and R. E. Jones, to Massey-Ferguson Inc. Disc harrow. 3,223,178, 12–14–65, Cl. 172—582.
Clifford, Warren E., L. A. McClaine, J. H. B. George, and C. E. O'Neill, to The International Nickel Co., Inc. Removal of metal contaminants from nickel-containing process solutions. 3,194,652, 7–13–65, Cl. 75—119.
Clift, Mortimer A., and C. Snyder, deceased; J. F. Snyder, and E. G. Hicks, administrators. Apparatus for transporting sewage and waste liquids. 3,211,167, 10–12–65, Cl. 137—236.
Cliftex Clothing Co., Inc.: *See*—
Nicolaci, Domenick. 3,223,432.
Clifton, James B. M., to The Bendix Corp. Transistor switching device utilizing transient voltage reduction means. 3,206,613, 9–14–65, Cl. 307—88.5.
Clifton, James B. McC., to The Bendix Corp. Circuit for varying the drive of an amplifier in accordance with power output demand. 3,209,275, 9–28–65, Cl. 330—22.
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Climent, Francis J., and E. M. Corbin, to Aerojet-General Corp. High temperature gas nozzle for rocket motor. 3,200,585, 8–17–65, Cl. 60—35.6.
Clin, Bernard, to Compagnie de Saint-Gobain. Glass cutting apparatus. 3,198,044, 8–3–65, Cl. 83—10.
Clin, Roland J. H., and R. C. E. Charlet. Subscribers' telephone equipment. 3,187,108, 6–1–65, Cl. 179—84.
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Cline, Carl A., and L. D. Trapnell, to Continental Oil Co. Method for initiating in situ combustion with pyrophoric materials. 3,179,169, 4–20–65, Cl. 166—38.
Cline, Edward T., to E. I. du Pont de Nemours and Co. Copolymers of formaldehyde with active hydrogen-containing polymers. 3,218,295, 11–16–65, Cl. 260—67.
Cline, Edwin L.: *See*—
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Cline, Edwin L., to Clayton Mfg. Co. Brake for chassis dynamometers. 3,182,758, 5–11–65, Cl. 188—77.
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Burgin, Kermit H. 3,209,913.
Cline, Marilynn C.: *See*—
Cunningham, Robert A., Atkinson, and Cline. 3,199,878.
Cline, Nathan R. Self-tightening pen means. 3,221,361, 12–7–65, Cl. 15—563.
Cline, Oliver I., Jr., to Devoe & Raynolds Co., Inc. Water resistant carboxy-epoxy aqueous coating compositions. Re. 25,880, 10–12–65, Cl. 260—29.6.
Cline, Orville. Flying space ship toy. 3,204,891, 9–7–65, Cl. 244—23.
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Cline, Warren K., to Olin Mathieson Chemical Corp. Polyethylene oxalate process. 3,197,445, 7–27–65, Cl. 260—78.4.
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Cline, William M., and W. G. Clemons, to Aeroquip Corp. Segmental hose fitting. 3,167,334, 1–26–65, Cl. 285—243.
Clinehens, Richard M., and D. A. Meier, to The National Cash Register Co. Magnetic device and apparatus and procedure for making the same. 3,197,749, 7–27–65, Cl. 340—174.
Clingman, Walter L. Gas lift plunger. 3,181,470, 5–4–65, Cl. 103—52.
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Clinton, Raymond O., and A. J. Manson, to Sterling Drug Inc. Reduced maleimide adducts of α-phellandrene. 3,184,456, 5–18–65, Cl. 260—247.5.
Clipner, George R. Bag construction. 3,173,602, 3–16–65, Cl. 229—56.
Clippinger, Everett, and R. G. McKee, to California Research Corp. Production of alkyl sulfonates. 3,168,555, 2–2–65, Cl. 260—513.
Clochesy, Ralph E. Surface projectile rocket game. 3,181,866 5–4–65. Cl. 273—126.
Clock, Charles L. Method of and device for semidividing bakery goods. 3,192,976, 7–6–65 Cl. 146—241.
Clock, Donald P., to Radio Corp. of America. Transponder decoder. 3,178,706, 4–13–65, Cl. 343—6.8.
Clock, Donald P., and J. H. Pratt, to Radio Corp. of America. Decoders for transponders or the like. 3,178,705, 4–13–65, Cl. 343—6.8.
Clock, Gerald E., H. R. Bailey, and S. F. Roth, to The Dow Chemical Co. Chlorinated linear, macromolecular ethylene polymer coating compositions, their use and coated products thereof. 3,165,493, 1–12–65. Cl. 260—33.6.
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Clos, Rene J., to International Oil Burner Co. Raceway-type stud insert shield for electrical conductors, and the like. 3,211,825, 10–12–65, Cl. 174—48.
Close, Egbert B., and J. A. Patenaude, to C & P Phonoproducts Inc. Display board. 3,204,356, 9–7–65, Cl. 40—10.
Close, Myron J., and J. V. Vold, to United States Rubber Co. Semiautomatic liner inserting machine and method. 3,192,087, 6–29–65, Cl. 156—126.
Close, Ross A. Action for automatic firearms and machine guns. 3,198,077, 8–3–65, Cl. 89—174.
Closmann, Philip J., C. S. Matthews, and T. M. Doscher, to Shell Oil Co. Recovery of viscous petroleum materials. 3,221,813, 12–7–65, Cl. 166—11.
Closner, John J., to The Preload Co. Prestressed concrete structures. 3,217,451, 11–16–65, Cl. 52—224.
Closson, Addison W., Jr., to Beckwith-Arden Inc. Partially vulcanized upper stiffening blank. 3,173,825, 3–16–65, Cl. 161—156.
Closson, Henry T., to S-F-D Laboratories, Inc. Broadband cavity parametric amplifier with tuning. 3,169,226, 2–9–65, Cl. 330—4.9.
Closson, Henry T., to S-F-D Laboratories, Inc. Diode-cavity parametric amplifier. 3,169,227, 2–9–65, Cl. 330—4.9.
Closson, Rex D.: *See*—
Braxton, Henry G., Jr., and Closson. 3,213,114.
Cloud, Charles E., to Cloud Machine Corp. Packaging method and apparatus. 3,218,776, 11–23–65, Cl. 53—30.
Cloud, Harold A. Self-regulatory flower pot. 3,192,665, 7–6–65, Cl. 47—38.1.
Cloud, Ivan F., Jr., to Whitaker Cable Corp. Protective and latching clip for wiring harness. 3,211,828, 10–12–65, Cl. 174—72.
Cloud, Ivan F., Jr., to Whitaker Cable Corp. Spark plug boot having high frequency electrical discharge suppression means therein. 3,212,044, 10–12–65, Cl. 338—66.
Cloud Machine Corp.: *See*—
Cloud, Charles E. 3,218,776.
King, Richard G. 3,216,832.
Clough, George F. G.: *See*—
Wood, Charles W., Clough, Abson, and Murphy. 3,208,734.
Clough, George F. G.: *See*—
Simpson, Peter, Clough, and Todhunter. 3,167,390.
Clouser, Leon C., Jr., to Structo Mfg. Co. Swing-out motor mounting for outdoor grills. 3,168,862, 2–9–65, Cl. 99—421.
Clouser, Robert W. Doppler radar antenna system. 3,181,151, 4–27–65, Cl. 343—8.
Clouth, Franz, Rheinische Gummiwarenfabrik Aktiengesellschaft: *See*—
Paasche, Fritz. 3,221,869.
Cloutier, Alfred J. Device for turning male ends on pipe. 3,171,309, 3–2–65, Cl. 82—4.
Cloutier, Eugene F.: *See*—
Craig, Francis A., and Cloutier. 3,190,259.
Clover, Franklin R., Jr., and M. C. Gott, to Martin-Marietta Corp. Holding or clamping apparatus. 3,207,503, 9–21–65, Cl. 269—21.
Clow, Ernest G. D.: *See*—
Shepherd, George R., and Clow. 3,174,018.
Clow, Hugh, to Electric & Musical Industries Ltd. Magnetic storage devices. 3,210,742, 10–5–65, Cl. 340—174.
Clow, James B., & Sons, Inc.: *See*—
Kurtz, Ralph W. 3,186,741.
Clowes, Maxwell B., and J. R. Parks, to International Business Machines Corp. Character recognition systems employing autocorrelation. 3,196,395, 7–20–65, Cl. 340—146.3.
Clowers, Richard W. Crawler-track automotive vehicle. 3,219,133, 11–23–65, Cl. 180—6.7.
Cloyd, Harold S.: *See*—
Peters, Louis H., Cloyd, Welch, and Mangold. 3,176,057.
Cloyd, Howard E., to Webster Electric Co. Plural central and remote station signally and intercommunication system. 3,215,998, 11–2–65, Cl. 340—286.
Clune, James P.: *See*—
Matheson, Wilfrid G., Clune, and Pricenski. 3,178,665.
Clune, Richard R., and R. M. Goodman, to P. R. Mallory & Co., Inc. Alkaline dry cell for medium low temperature operation. 3 205,097, 9–7–65, Cl.. 136—102.
Clune, Thomas M.: *See*—
Danek, August J., Visin, and Clune. 3,214,985.
Clunis, Kenneth, to Minnesota Mining and Mfg. Co. Two track reproducing system with two recorded levels utilizing a variable impedance element. 3,218,620, 11–16–65, Cl. 340—174.1.
Clupak, Inc.: *See*—
Freuler, Fred H. 3,220,116.
Clute, Francis H., to Francis H. Clute & Son, Inc. Grain drying and conveying apparatus for combines and the like. 3,166,384, 1–19–65. Cl. 34—57.
Clute, Francis H. Helicoid fan. 3,198,423, 8–3–65, Cl. 230—121.
Clute, Francis H., & Son, Inc.: *See*—
Clute, Francis H. 3,166,384.
Clutter, Carl E.: *See*—
Binns, Jack N., Clutter, and Heaton. 3,194,093.
Clyatt, Glen W. Truck top carrier. 3,224,805, 12–21–65, Cl. 296—10.
Clymer, Gerald K., to Philco Corp. Method of forming ohmic bonds to a germanium-coated silicon body with eutectic alloy forming materials. 3,200,490, 8–17–65, Cl. 29—473.1.
Clymer, Joseph D.: *See*—
Wright, George W., Jauch, Kruckeberg, and Clymer. 3,164,322.
Clynch, Frank, to Continental Oil Co. Suspension and isolation system for seismic shear wave transducers. 3,205,971, 9–14–65, Cl. 181—.5.
Clyne, Joseph N. Multiple sanding and polishing machine. 3,178,860, 4–20–65, Cl. 51—138.
Clynes, Manfred E., to Technical Measurement Corp. Switching type amplifier for both A.C. and D.C. signals. 3,168,703, 2–2–65, Cl. 330—10.
Clynes, Manfred E., to Technical Measurement Corp. Information transfer systems. 3,168,721, 2–2–65, Cl. 340—167.

Clynes, Manfred E., to Technical Measurement Corp. Telemetering system. 3,210,747, 10–5–65, Cl. 340—206.
Coach and Car Equipment Corp.: *See*—
Bilancia, Raymond A. 3,189,312.
Coad, Brian C., to Texas Instruments Inc. Low-melting point materials and method of their manufacture. 3,181,935, 5–4–65. Cl. 29—183.5.
Coad, Brian C., to Texas Instruments Inc. Composite refractory articles. 3,215,512, 11–2–65, Cl. 29—191.
Coakley, James L.: *See*—
Burnham, Peter B., and Coakley. 3,165,068.
Coakley, James L., and H. A. Hug, to American Brake Shoe Co. Friction drive apparatus. 3,195,365, 7–20–65, Cl. 74—388.
Coal Industry (Patents) Ltd.: *See*—
Briden, Horace. 3,216,510.
Dawson, Gordon B., and Mills. 3,165,361.
Gibbon, John. 3,184,043.
Glover, Harold G., Hunt, and Kenyon. 3,218,252.
Kibble, John D., and Williams. 3,216,201.
Macrae, Ronald L. J. 3,192,704.
Owen, Malcolm N. M., and Dawson. 3,174,801.
Coan Mfg. Co., Inc.: *See*—
Stein, Elmer A. 3,180,517.
Coan, Richard L., to Cerro Corp. Die holder having universal movement. 3,213,663, 10–26–65, Cl. 72—285.
Coanda, George, and B. D. Folkman, to Don Baxter, Inc. Parenteral solution container. 3,215,299, 11–2–65, Cl. 215—100.
Coast Mfg. and Supply Co.: *See*—
Bascom, Hollis H. 3,167,407.
Bascom, Hollis H. 3,206,868.
Bloxham, Robert. 3,190,823.
Coast Metals, Inc.: *See*—
Cape, Arthur T. 3,167,406.
Cape, Arthur T. 3,171,739.
Cape, Arthur T. 3,175,285.
Cape, Arthur T. 3,175,286.
Cape, Arthur T. 3,189,421.
Cape, Arthur T. 3,197,859.
Cape, Arthur T. 3,198,609.
Coast Proseal & Mfg. Co.: *See*—
Le Fave, Gene M., and Wyman. 3,215,677.
Coastal Interchemical Co.: *See*—
Kapar, Charles. 3,192,224.
Rainer, Norman B. 3,189,646.
Rainer, Norman B. 3,190,916.
Rainer, Norman B. 3,218,345.
Coatalen, Louis, to D.B.A. (Ducellier-Bendix-Air Equipment). Spot type disc brakes. 3,220,512, 11–30–65, Cl. 188—73.
Coate, William C. E., to The Lodge & Shipley Co. Multiple tool lathes. 3,186,085, 6–1–65, Cl. 29—568.
Coate, William C. E., to The Lodge & Shipley Co. Tool changer for lathe tool holder. 3,186,266, 6–1–65, Cl. 82—1.
Coates Bros. & Co. Ltd.: *See*—
Tawn, Alec R. H., and Wilson. 3,178,302.
Coates, Herbert W., and R. A. Frate, to Celanese Corp. of America. Textile material and method for making same. 3,180,782, 4–27–65, Cl. 161—73.
Coates, J. Edwin, to Douglas Aircraft Co., Inc. Pneumatic loadlifting and translating means. 3,185,238, 5–25–65, Cl. 180—7.
Coates, J Edwin, to Alta Engineering Co. Storage and mixing cartridge. 3,195,778, 7–20–65, Cl. 222—80.
Coates, James K.: *See*—
Adams, Harold A., and Coates. 3,181,833.
Coates, James M. Method of forming rigid panels and rigid panel products. 3,197,352, 7–27–65, Cl. 156—242.
Coates, John W., to The Forgrove Machinery Co. Ltd. Wrapping machines. 3,212,230, 10–19–65, Cl. 53—228.
Coats & Clark Inc.: *See*—
Kidd, William E., Jr. 3,184,057.
Morin, Louis H. 3,178,772.
Morin, Louis H. 3,187,074.
Morin, Louis H. 3,205,646.
Coats Co., Inc., The: *See*—
Foster, James R. 3,180,392.
Foster, James R. 3,212,552.
Tabordon, Royal C. 3,165,142.
Coats, Darrel W. Combination cigarette package and lighter. 3,178,016, 4–13–65, Cl. 206—41.4.
Coats, Gordon A.: *See*—
Brunsing, Rex L. 3,198,326.
Brunsing, Rex L. 3,218,777.
Coats, John N. Digester cap assembly (swing cap). 3,195,761, 7–20–65. Cl. 220—36.
Coats, John N. Stock consistency blending apparatus. 3,195,866. 7–20–65. Cl. 259—7.
Coats, John N. Swivel pipe joint. 3,201,152, 8–17–65, Cl. 285—231.
Coats, John N. Pipe coupling having clamping force adjusting means. 3,201,156, 8–17–65, Cl. 285—365.
Coats, Patricia A.: *See*—
Brunsing, Rex L. 3,198,326.
Coats, Patricia A.: *See*—
Brunsing, Rex L. 3,218,777.
Coats, Raymond E., R. W. Phillips, and R. V. Jones, to Noble Mfg. Co. Drive for auger elevator. 3,189,168, 6–15–65, Cl. 198—213.
Coats, Robert, and M. L. Ryall, to Pametrada. Steam turbine machinery. 3,165,897, 1–19–65, Cl. 60—102.
Co-Bar Enterprises, Inc.: *See*—
Craig, Burnie M. 3,175,420.
Cobaugh, Robert F., to AMP Inc. Apparatus for making electrical connections. 3,186,072, 6–1–65, Cl. 29—203.
Cobaugh, Robert F., to AMP Inc. Apparatus for making electrical connections. 3,186,074, 6–1–65, Cl. 29—203.
Cobaugh, Robert F., to AMP Inc. Apparatus for connecting wires to terminal posts. 3,186,076, 6–1–65, Cl. 29—203.
Cobaugh, Robert F., to AMP Inc. Apparatus for making electrical connections. 3,186,078, 6–1–65, Cl. 29—203.
Cobaugh, Robert F., to AMP Inc. Apparatus for making electrical connections. 3,191,281, 6–29–65, Cl. 29—203.
Cobaugh, Robert F., and R. A. Long, to AMP Inc. Tool for making electrical connections. 3,186,073, 6–1–65, Cl. 29—203.
Cobb, Clifton A., E. E. Wiessner, and J. T. Williams, to Whirlpool Corp. Clothes washing machine with means for controlling duration of extracting cycle. 3,184,932, 5–25–65, Cl. 68—12.
Cobb, Clifton A., and J. T. Williams, to Whirlpool Corp. Drier having flow rate-responsive control means. 3,186,106, 6–1–65, Cl. 34—45.
Cobb, Clyde A.: *See*—
Gouran, Mark F., Cobb, and Kazan. 3,194,942.
Cobb, David A., to International Harvester Co. Method of assembling a heat exchanger rotor. 3,213,526, 10–26–65, Cl. 29—157.3.
Cobb, Finch B., L. L. Leach, Jr., and J. A. Snyder, to Esso Research and Engineering Co. Penetrating oil. 3,180,829, 4–27–65, Cl. 252—33.3.
Cobb, Gordon E., to Messrs. Blackstone & Co. Ltd. Plural motor load responsive sequential starting circuit. 3,205,420, 9–7–65, Cl. 318—99.
Cobb, Horace H. Washing machine. 3,195,327, 7–20–65, Cl. 68—12.
Cobb, James E., to The Dow Chemical Co. Purification of ethylenimines by azeotropic distillation. 3,179,655, 4–20–65, Cl. 260—239.
Cobb, James S., Jr., to E. I. du Pont de Nemours and Co. Spinneret distribution plate. 3,225,383, 12–28–65, Cl. 18—8.
Cobb, Jess A., to Chicago Show Printing Co. Pole sign. 3,217,437, 11–16–65, Cl. 40—125.
Cobb, John F.: *See*—
Stone, Ralph D., and Cobb. Re. 25,868.
Cobb, Phara L., Jr., and M. R. Hargrave, to Eastman Kodak Co. Method and apparatus for forming continuous filament filter rods. 3,189,506, 6–15–65, Cl. 156—296.
Cobb, Raymond L.: *See*—
Turk, Stanley D., and Cobb. 3,215,727.
Cobb, Raymond L., to Phillips Petroleum Co. Method of potting and bonding. 3,213,173, 10–19–65, Cl. 264—272.
Cobbett, Leonard C., to Albert & J. M. Anderson Mfg. Co. High presure contact switch with rotatable locking means. 3,183,335, 5–11–65, Cl. 200—170.
Cobbledick, David S., to A. E. Staley Mfg. Co. Bonded multilayer structures. 3,219,516, 11–23–65, Cl. 161—190.
Cobbs, Ansalem O. Vehicle registration holder. 3,213,556, 10–26–65, Cl. 40—10.
Cobel, George B., and W. R. Fronk, to The Dow Chemical Co. Process of producing high purity arsenic trichloride from a slurry of As_2O_3. 3,194,631, 7–13–65, Cl. 23—98.
Cober-Fabbrica Articoli Sportivi: *See*—
Minisini, Dino. 3,179,434.
Coberly, Clarence J., to Kobe, Inc. Apparatus for simultaneously running multiple tubing strings. 3,185,517, 5–25–65, Cl. 294—87.
Coberly, Clarence J., to Kobe, Inc. Fluid operated pump with removable engine valve. 3,212,445, 10–19–65, Cl. 103—46.
Coberly, Clarence J., and V. Kogut, to Kobe, Inc. U-tube well completion and method. 3,172,469, 3–9–65, Cl. 166—28.
Coberly, Clarence J., F. B. Brown, and C. P. Williams, to Kobe, Inc. High speed triplex pump. 3,194,174, 7–13–65, Cl. 103—204.
Cobey, Milton C., to The President and Directors of Georgetown University. Method for adhesively securing together skin and other soft tissue and bone. 3,223,083, 12–14–65, Cl. 128—92.
Cobine, James D., to General Electric Co. Movable shield structure for vacuum gap devices. 3,167,629, 1–26–65, Cl. 200—144.
Cobine, James D., to General Electric Co. Gas generating electric discharge device. 3,188,514, 6–8–65, Cl. 313—174.
Coburn, Robert S., to Joy Mfg. Co. Blasthole drill. 3,181,630, 5–4–65, Cl. 175—85.
Coby, David: *See*—
Newman, Herman, and Coby. 3,226,707.
Coca-Cola Bottling Works Co., The: *See*—
Radcliffe, George E. 3,219,236.
Coca-Cola Co., The: *See*—
Cherry, James M. 3,179,133.
Cherry, James M. 3,208,315.
Cocca, Theodore F., to Raytheon Co. Method of fusing material and the like. 3,192,081, 6–29–65, Cl. 148—177.
Cocca, Ubert: *See*—
Baron, Paul L., Cocca, and Hamaker. 3,207,635.
Cocchiaraley, Frank P., and W. Joseph, to Metro-Goldwyn-Mayer, Inc. Surface cleaning apparatus. 3,213,472, 10–26–65, Cl. 15—77.

Cocchiarella, Thomas A. Hermetically sealable container lid. 3,164,289, 1–5–65, Cl. 220—93.
Cochran, Chudleigh B.: *See*—
Brown, Cicero C., and Cochran. 3,166,127.
Cochran, Chudleigh B., to C. C. Brown. Hydraulically set, releasable well packer. 3,171,492, 3–2–65, Cl. 166—187.
Cochran, Chudleigh B., to C. C. Brown. Hydraulically-actuated well packers. 3,191,682, 6–29–65, Cl. 166—120.
Cochran, Chudleigh B., to C. C. Brown. Hydraulic packer with safety joint release. 3,224,508, 12–21–65, Cl. 166—120.
Cochran, Chudleigh B., and J. B. Davis, to C. C. Brown. Hydrostatic pressure set well packer. 3,180,419, 4–27–65, Cl. 166—120.
Cochran, Chudleigh B., J. D. Mott, and J. E. Edwards, Jr., to Brown Oil Tools, Inc. Automatic blow-out preventor means. 3,207,221, 9–21–65, Cl. 166—85.
Cochran, Clyde D., to U.S. Industries, Inc. Pulsator for a milking machine. 3,183,920, 5–18–65, Cl. 137—105.
Cochran, David S., to Hewlett-Packard Co. Voltage comparator. 3,168,702, 2–2–65, Cl. 328—150.
Cochran, David S., to Hewlett-Packard Co. Impedance to voltage converter including a positive feedback path for supplying impedance testing current. 3,225,298, 12–21–65, Cl. 324—62.
Cochran, Donald J., to Ampex Corp. Servo error detector. 3,225,218, 12–21–65, Cl. 307—88.5.
Cochran, Edward L., to United States of America, Navy. Cavity resonators. 3,205,432, 9–7–65, Cl. 324—.5.
Cochran Equipment Co.: *See*—
Bradshaw, Harold G. 3,170,704.
Carder, Victor H. 3,220,698.
Herrmann, Thomas R. 3,164,274.
McCartney, Duane N., and Carder. 3,220,585.
Cochran, James E., Jr., G. B. Kline, Q. F. Soper, and W. N. Cannon, to Eli Lilly and Co. Halogen substituted ethyl and vinyl pyridines. 3,180,872, 4–27–65, Cl. 260—290.
Cochran, James J., to Harris-Intertype Corp. Clamp control apparatus. 3,182,542, 5–11–65, Cl. 83—453.
Cochran, Joe F., to General Dynamics Corp. (Convair Division). Method and apparatus for fabricating composite structures. 3,168,782, 2–9–65, Cl. 29—471.1.
Cochran, John R.: *See*—
Smith, Thomas R., Davis, McNally, and Cochran. 3,197,271.
Cochran, John T., H. D. Ongman, and H. E. Weber, to General Electric Co. Axial flow vapor-liquid separator. 3,216,182, 11–9–65, Cl. 55—336.
Cochran, Leslie L., W. Weigler, J. C. Nelson, and H. L. Ridout, to Sperry Rand Corp. Fast multiply system. 3,192,366, 6–29–65, Cl. 235—164.
Cochran, Richard L.: *See*—
Engel, William N., Cochran, and Humphrey. 3,192,715.
Cochran, Richard L., to The Buehler Corp. Jet boat nozzle. 3,214,903, 11–2–65, Cl. 60—35.5.
Cochran, Richard L., to The Buehler Corp. Jet boat reversing device. 3,220,182, 11–30–65, Cl. 60—35.54.
Cochran, Richard L., to The Buehler Corp. Jet boat reverse movement arrangement. 3,226,033, 12–28–65, Cl. 239—265.27.
Cochran, Teddy L. Safety binder release tool. 3,179,373, 4–20–65, Cl. 254—78.
Cochran, Thomas L., to American Oil Filter Co., Inc. Panel wall louvers. 3,181,661, 5–4–65, Cl. 189—54.
Cochrane Furniture Co., Inc.: *See*—
Cochrane, Jerry W., and Costner. 3,189,065.
Cochrane, Harry W., to International Business Machines Corp. Core matrix coded decimal parallel adder utilizing propagated carries. 3,166,669, 1–19–65, Cl. 235—175.
Cochrane, James R.: *See*—
Jepson, Ivar, Cochrane, and Grahn. 3,189,727.
Cochrane, Jerry W., and R. H. Costner, to Cochrane Furniture Co., Inc. Multiple drilling apparatus. 3,189,065, 6–15–65, Cl. 144—112.
Cochrane, Reuel A. Rock lock type fifth wheel locking mechanism. 3,194,585, 7–13–65, Cl. 280—437.
Cochrane, Richard H., to Phillips Petroleum Co. Package making device. 3,195,289, 7–20–65, Cl. 53—182.
Cochrane, Richard H., to Phillips Petroleum Co. Combined bagging and packaging machine. 3,209,513, 10–5–65, Cl. 53—182.
Cochrane, Richard H., to Phillips Petroleum Co. Garment bag forming machine. 3,210,909, 10–12–65, Cl. 53—256.
Cochrane, Thomas: *See*—
Barlow, George E., and Cochrane. 3,211,893.
Cochrane, William D. Toggle clamps. 3,170,214, 2–23–65, Cl. 24—263.
Cock, Ludolf, J., to North American Philips Co., Inc. Production and stabilization of low direct voltage. 3,214,673, 10–26–65, Cl. 321—18.
Cockburn, David H. Rotary fluid pressure pumps and motors of the eccentric vane type. 3,183,843, 5–18–65, Cl. 103—136.
Cocke, Hill. Method of producing lined concrete pipe. 3,217,077, 11–9–65, Cl. 264—256.
Cocker, John, III, to Cocker Machine & Foundry Co. Automatic textile beam transfer apparatus. 3,219,206, 11–23–65, Cl. 214—16.4.
Cocker, John T., to Bell Telephone Laboratories, Inc. Bilateral constant voltage source. 3,174,095, 3–16–65, Cl. 323—22.
Cocker Machine & Foundry Co.: *See*—
Browne, Godfrey H., Cloer, Manning, McCoig, and Suggs. 3,165,808.
Cocker, John, III. 3,219,206.
Cockerell, Christopher S., to Hovercraft Development Ltd. Vehicles for travelling over land and/or water. 3,168,155, 2–2–65, Cl. 180—7.
Cockerell, Christopher S., to Hovercraft Development Ltd. Skirts of flexible filamentary members for ground effect machines. 3,172,494, 3–9–65, Cl. 180—7.
Cockerell, Christopher S., to Hovercraft Development Ltd. Vehicles for travelling along a prepared track. 3,174,440, 3–23–65, Cl. 104—120.
Cockerell, Christopher S., to Hovercraft Development Ltd. Vehicles for travelling over land and/or water. 3,174,570, 3–23–65, Cl. 180—7.
Cockerell, Christopher S., to Hovercraft Development Ltd. Means for supporting loads. 3,174,571, 3–23–65, Cl. 180—7.
Cockerell, Christopher S., to Hovercraft Development Ltd. Vehicles for travelling over land and/or water. 3,177,960, 4–13–65, Cl. 180—7.
Cockerell, Christopher S., to Hovercraft Development Ltd. Ground effect machine having heave stability for traversing rough surfaces. 3,181,636, 5–4–65, Cl. 180—7.
Cockerell, Christopher S., to Hovercraft Development Ltd. Means to eliminate foreign matter from the gaseous curtain in air supported vehicles. 3,181,637, 5–4–65, Cl. 180—7.
Cockerell, Christopher S., to Hovercraft Development Ltd. Vehicles for travelling over land and/or water. 3,181,638, 5–4–65, Cl. 180—7.
Cockerell, Christopher S., to Hovercraft Development Ltd. Vehicles for travelling over land and/or water. 3,182,739, 5–11–65, Cl. 180—7.
Cockerell, Christopher S., to Hovercraft Development Ltd. Vehicles for traveling over land and/or water. 3,182,740, 5–11–65, Cl. 180—7.
Cockerell, Christopher S., to Hovercraft Development Ltd. Vehicles for travelling over land and/or water. 3,185,239, 5–25–65, Cl. 180—7.
Cockerell, Christopher S., to Hovercraft Development Ltd. Ground effect machines with supply and recovery ports in a common duct. 3,194,333, 7–13–65, Cl. 180—7.
Cockerell, Christopher S., to Hovercraft Development Ltd. Vehicles supported on a cushion of air with recovery means for escaping curtain fluid. 3,203,498, 8–31–65, Cl. 180—7.
Cockerell, Christopher S., to Hovercraft Development Ltd. Vehicle for travelling over land and/or water with means to recover air from the fluid curtain. 3,205,959, 9–14–65, Cl. 180—7.
Cockerell, Christopher S., to Hovercraft Development Ltd. Vehicles for travelling over land and/or water and equipped with depending side walls. 3,213,956, 10–26–65, Cl. 180—7.
Cockerill, Vernon L. Animal dehorner apparatus. 3,177,584, 4–13–65, Cl. 30—228.
Cockrell, Clifford M.: *See*—
Lee, Clarence O., and Cockrell. 3,169,576.
Cocks, Eric H. Solenoid airless spray gun. 3,212,715, 10–19–65, Cl. 239—125.
Cocks, Walter B., to Meredith Publishing Co. Thickness checking fixture. 3,176,402, 4–6–65, Cl. 33—147.
Cocksedge, George T. Aircraft. 3,198,274, 8–3–65, Cl. 180—7.
Cocquart, Jean H.: *See*—
Brochier, Pierre, Kloos, and Cocquart. 3,225,260.
Coda, Severina, V. A. Colo, A. Glaesser, and C. Pasini, to Societa Farmaceutici Italy. (2-N-alkyl'-N-alkyl''aminoethyl) guanidine. 3,201,459, 8–17–65, Cl. 260—501.
Coddington, David M.: *See*—
Spenadel, Lawrence, Bieber, and Coddington. 3,207,711.
Codeco, Etablissements: *See*—
Devillard, Georges, and Coriat. 3,189,321.
Codignola, Franco, to Societa Italiana Resive. Method of producing cumene hydroperoxide. 3,171,860, 3–2–65, Cl. 260—610.
Codignola, Franco, C. Reni, and J. Ackermann, to Societa Italiana Resine. Method of purifying gaseous formaldehyde. 3,184,900, 5–25–65, Cl. 55—31.
Codman & Shurtleff Inc.: *See*—
Mallina, Rudolf F. 3,225,996.
Codrea, Nicholas D., to H. B. Rothbard. Partition structure. 3,195,698, 7–20–65, Cl. 189—34.
Coe, Albert W.: *See*—
Kalvelage, Bernard F., and Coe. 3,182,873.
Coe, Ann I.: *See*—
Johnson, Howard M. 3,217,393.
Coe, Bernard, to Alco Chemical Corp. Method and apparatus for film drying of viscous compositions. 3,194,297, 7–13–65, Cl. 159—7.
Coe, Bryan, Jr.: *See*—
Johnson, Howard M. 3,217,393.
Coe, Clarence S.: *See*—
Doumani, Thomas F., and Coe. 3,196,607.
Coe, David G., to E. I. du Pont de Nemours and Co. Azostyryl cationic dyes. 3,192,195, 6–29–65, Cl. 260—156.
Coe, Frank R., to British Welding Research Assn. Measurement of gases in metals. 3,176,500, 4–6–65, Cl. 73—19.
Coe, Herbert A. Feeding and like tray assembly. 3,226,074, 12–28–65, Cl. 248—311.
Coe Mfg. Co., The: *See*—
Haumann, George. 3,198,226.
Pelto, Thomas A. 3,176,735.
Price, Howard E. 3,195,593.
Yock, Lewis M. 3,209,886.

Coe, Merrill J., to KVP Sutherland Paper Co. Collapsible serving or carrying tray. 3,181,770, 5–4–65, Cl. 229—30.
Coe, Orson E. Belt buckle. 3,178,787, 4–20–65, Cl. 24—196.
Coe, Paul L.: *See—*
Tatlow, John C., and Coe. 3,187,056.
Coe, Thomas D., to Wakefield Engineering, Inc. Heat transfer. 3,217,793, 11–16–65, Cl. 165—80.
Coe, Thomas D., to Wakefield Engineering Co., Inc. Heat transfer. 3,220,471, 11–30–65, Cl. 165—121.
Coelho, Paul E. Searchlights for use in fog and mist. 3,183,347, 5–11–65, Cl. 240—46.23.
Coen, Aldo L. Transducer field structure assembly. 3,176,086, 3–30–65, Cl. 179—119.
Coen, Aldo L. Method of making loudspeaker field structure. 3,191,421, 6–29–65, Cl. 72—329.
Coen Co. Inc.: *See—*
Voorheis, Temple S. 3,218,049.
Voorheis, Temple S., Hudson, and Bruns. 3,204,610.
Voorheis, Temple S., and Vosper. 3,195,608.
Vosper, Ralph R. 3,217,782.
Coen, Martin. Connector for electric cables. 3,176,258, 3–30–65, Cl. 339—42.
Coen, Richard A., to Nopco Chemical Co. Package of fragile articles. 3,223,232, 12–14–65, Cl. 206—65.
Coenen, Cyril B.: *See—*
Roberts, Lyman R., and Coenen. 3,188,301.
Coenen, Cyril B., H. F. Richards, and R. J. Moore, to Shell Oil Co. Wax-olefin copolymer compositions. 3,210,305, 10–5–65, Cl. 260—28.5.
Coenen, Max: *See—*
Raue, Roderich, Muller, Weissel, and Coenen. 3,184,453.
Coenen, Urban J. Silage distributor. 3,209,925, 10–5–65, Cl. 214—17.
Coenraads, Cornelis N., to Ion Physics Corp. High voltage variable condenser. 3,175,135, 3–23–65, Cl. 317—249.
Coes, Loring, Jr., and E. Milias, to Norton Co. Grinding machine. 3,167,891, 2–2–65, Cl. 51—165.
Coesens, Henry L., to The Macallen Co., Inc. Punch press with dual feeding drive means. 3,192,812, 7–6–65, Cl. 83—209.
Coester, Robert. Transverse-flow blower. 3,181,777, 5–4–65, Cl. 230—125.
Coffee-Mat Corp.: *See—*
Small, Sollie W., and Herman. 3,221,587.
Small, Sollie W., and Herman. 3,221,637.
Small, Sollie W., and Herman. 3,221,933.
Small, Sollie W., and Herman. 3,222,500.
Coffee, Thomas A. Optical communication system with modulated C.R.T. light source. 3,176,138, 3–30–65, Cl. 250—199.
Coffee, Thomas A. Cathode-ray excited laser generator. 3,202,934, 8–24–65, Cl. 331—94.5.
Coffelt, Robert J., and G. R. Giannini, to The Regents of The University of California. Color releasing machine. 3,203,339, 8–31–65, Cl. 99—240.
Coffey, Charles S., to Edgerton, Germeshausen & Grier, Inc. High-speed gate circuit. 3,171,044, 2–23–65, Cl. 307—88.5.
Coffey, Ralph J., to American Chain & Cable Co., Inc. Chain-making apparatus. 3,175,353, 3–30–65, Cl. 59—22.
Coffield, Thomas H.: *See—*
Ihrman, Kryn G., and Coffield. 3,164,621.
Coffield, Thomas H., to Ethyl Corp. Organic compositions stabilized with 3,5-dialkyl-4-hydroxybenzyl amine. 3,208,859, 9–28–65, Cl. 99—163.
Coffield, Thomas H., to Ethyl Corp. Sulfur-containing phenolic compounds. 3,211,794, 10–12–65, Cl. 260—609.
Coffield, Thomas H., to Ethyl Corp. N-methyl-N-phenyl-N-(3,5-di-tertiary-butyl-4-hydroxybenzyl) amine. 3,225,099, 12–21–65, Cl. 260—570.9.
Coffield, Thomas H., and A. H. Filbey, to Ethyl Corp. 4,4′-methylenebis (2,6-dialkylphenol) compounds. 3,175,010, 3–23–65, Cl. 260—619.
Coffield, Thomas H., and G. J. Burcal, to Ethyl Corp. Preparation of aromatic iron subgroup metal coordination compounds. 3,190,902, 6–22–65, Cl. 260—439.
Coffield, Thomas H., and A. H. Filbey, to Ethyl Corp. Two-cycle internal combustion engine fuel. 3,192,910, 7–6–65, Cl. 123—1.
Coffin, Claude D., to The Warner & Swasey Co. Machine tools. 3,200,680, 8–17–65, Cl. 82—2.5.
Coffin, Harland H., to Producto Machine Co. Insulated die set. 3,170,735, 2–23–65, Cl. 308—4.
Coffin, Harland H., to Producto Machine Co. Method of making an electrically insulated joint. 3,195,374, 7–20–65, Cl. 76—107.
Coffin, Louis F., Jr., to General Electric Co. Liquid metal electrical connection. 3,226,608, 12–28–65, Cl. 317—234.
Coffing, James R. Flat-faced attitude indicator. 3,181,249, 5–4–65, Cl. 33—204.
Coffing, James R. Attitude indicator. 3,199,207, 8–10–65, Cl. 33—204.
Coffing, James R. Attitude indicator. 3,208,426, 9–28–65, Cl. 116—129.
Coffman, Frederick E.: *See—*
Yonker, Francis H., and Coffman. 3,177,595.
Coffman, Nellie V., and J. L. Wilson. Readily portable shampoo device. 3,192,537, 7–6–65, Cl. 4—159.
Coffman, Raphael T., to United States of America, Atomic Energy Commission. Apparatus for weighing material in a sealed enclosure. 3,166,136, 1–19–65, Cl. 177–262.
Co-5 Co., Inc.: *See—*
First, Harry W. 3,166,325.
Cogan, Margaret R., to Clevite Corp. Piezoelectrically powered X-ray equipment. 3,217,163, 11–9–65, Cl. 250—90.
Cogan, Stanley W., to North American Aviation, Inc. Case rotated gyroscope. 3,214,981, 11–2–65, Cl. 74—5.4.
Cogar, George, to Sperry Rand Corp. Asynchronous self controlled shift register. 3,166,715, 1–19–65, Cl. 328—37.
Cogar, George R., D. O. Neddenriep, E. G. Sevilla, T. Sekse, and E. E. Masterson, to Sperry Rand Corp. Display panels with selectable indicators. 3,188,621, 6–8–65, Cl. 340—324.
Cogar, George R., and T. Sekse, to Sperry Rand Corp. Synchronized single pulser. 3,193,697, 7–6–65, Cl. 307—88.5.
Cogdell, Louis D. High-pressure automatic irrigation fluid changer. 3,180,358, 4–27–65, Cl. 137—624.11.
Coggan, William G., and G. Godin, to Johns-Manville Corp. Cold caustic fiberboard manufacture. 3,202,569, 8–24–65, Cl. 162—13.
Coggeshall, Charles H. Animated wheeled eating toy. 3,197,918, 8–3–65, Cl. 46—103.
Coggeshall, Norman D., and O. K. Doolen, to Gulf Research & Development Co. Sampling apparatus. 3,203,250, 8–31–65, Cl. 73—422.
Coggins, Robert W.: *See—*
Glasgow, Clarence O., and Coggins. 3,206,916.
Walker, Jay P., and Coggins. Re. 25,759.
Walker, Jay P., and Coggins. 3,174,926.
Coghill, Henry D.: *See—*
Koller, Lewis R., and Coghill. 3,188,594.
Coghill, Henry D., to General Electric Co. Radiation sensitive electroluminescent devices. 3,213,317, 10–19–65, Cl. 315—59.
Coghill, James T., to The Black Clawson Co. Flexible doctor blade coating apparatus. 3,187,718, 6–8–65, Cl. 118—126.
Cogliana, Joseph A.: *See—*
Braude, George L., and Cogliana. 3,225,101.
Cognet, Firmin E. A., and L. L. Mohier, to Societe General D'Exploitations Industrielles, Societe anonyme dite. Bus bar housing with externally attached bus bar supporting insulators. 3,221,097, 11–30–65, Cl. 174—99.
Cogsdill, Glen H. Deburring tool. 3,217,570, 11–16–65, Cl. 77—73.5.
Cogsdill, Stuart A., to Cogsdill Tool Products, Inc. Deburring tool. 3,166,958, 1–26–65, Cl. 77—73.5.
Cogsdill, Stuart A., to Cogsdill Tool Products, Inc. Deburring tool. 3,172,309, 3–9–65, Cl. 77—73.5.
Cogsdill, Stuart A., to Cogsdill Tool Products, Inc. Cutting tool. 3,195,378, 7–20–65, Cl. 77—73.5.
Cogsdill Tool Products, Inc.: *See—*
Cogsdill, Stuart A. 3,166,958.
Cogsdill, Stuart A. 3,172,309.
Cogsdill, Stuart A. 3,195,378.
Morrison, Joseph T. 3,172,310.
Cogswell, David W., to United Aircraft Corp. Static and dynamic torque controller. 3,204,485, 9–7–65, Cl. 74—665.
Cohan, Alvin M., to American Production Machine Co. Work advancing and rotating apparatus. 3,190,463, 6–22–65, Cl. 214—1.
Cohan, Sidney, to Northrop Corp. Jet aircraft structure for engine removal. 3,194,515, 7–13–65, Cl. 244—54.
Cohen, Abraham B.: *See—*
Burg, Marion, and Cohen. 3,218,167.
Cohen, Abraham B., to E. I. du Pont de Nemours and Co. Silver image transfer polymerization process. 3,194,661, 7–13–65, Cl. 96—48.
Cohen, Abraham B., and R. H. Luebbe, Jr., to E. I. du Pont de Nemours and Co. Photopolymerizable elements and transfer processes. 3,198,633, 8–3–65, Cl. 96—28.
Cohen, Abraham B., and C. D. Shacklett, to E. I. du Pont de Nemours and Co. Photographic emulsions. 3,203,804, 8–31–65, Cl. 96—114.
Cohen, Allen: *See—*
Becker, Edward J., and Cohen. 3,185,713.
Small, Samuel N. 3,164,160.
Small, Samuel N. 3,182,673.
Cohen, Arthur E., to North American Aviation, Inc. Microwave switch. 3,205,493, 9–7–65, Cl. 343—5.
Cohen, Charles A., to Esso Research and Engineering Co. Perhydro bis-(isoprenyl) alkyl aryl sulfonates. 3,196,174, 7–20–65, Cl. 260—505.
Cohen Co., Ltd.: *See—*
Ohishi, Sakae. 3,191,424.
Ohishi, Sakae. 3,221,535.
Cohen, David: *See—*
Cross, John T., and Cohen. 3,198,724.
Cohen, David. Portable charcoal lighter. 3,177,826, 4–13–65, Cl. 110—1.
Cohen, David Z.: *See—*
Rettig, Albert S., and Cohen. 3,197,742.
Cohen, Donald B., to Goodyear Aerospace Corp. Vehicle guidance system and electron image matcher. 3,194,511, 7–13–65. Cl. 244—14.
Cohen, Ell. Bracket for supporting a receptacle. 3,172,584, 3–9–65, Cl. 224—42.45.
Cohen, Elie, and S. Roth. Alternating-current machines. 3,178,598, 4–13–65, Cl. 310—98.
Cohen, Erwin M.: *See—*
Zang, Joseph A., and Cohen. 3,165,460.
Cohen, Hyman L.: *See—*
Minsk, Louis M., and Cohen. 3,184,309.
Cohen, Irvin, and B. D. Levy, to Construction Fasteners, Inc. Fastener assembly. 3,196,733, 7–27–65, Cl. 85—75.
Cohen, Jerome: *See—*
Veis, Arthur, and Cohen. 3,178,301.
Veis, Arthur, Cohen, and Aranyi. 3,176,001.

Cohen, Jerome. Coaxial cable connection. 3,206,540, 9–14–65, Cl. 174—89.
Cohen, Joseph H., to United Aircraft Corp. Operating control for electron beam machines. 3,165,619, 1–12–65, Cl. 219—121.
Cohen, Julius, to General Telephone and Electronics Laboratories Inc. Tunnel cathode having a metal grid structure. 3,184,659, 5–18–65, Cl. 317—238.
Cohen, Karl: *See*—
Barr, Frank T., and Cohen. 3,205,138.
Cohen, Leonard A. Composite space vehicle. 3,173,627, 3–16–65, Cl. 244—1.
Cohen, Leonard A. Apparatus for producing linear acceleration of a mass. 3,221,419, 12–7–65, Cl. 35—12.
Cohen, Leonard A. Electrical socket. 3,222,631, 12–7–65, Cl. 339—40.
Cohen, Lester A., to Monsanto Chemical Co. Blend of a diene rubber-based graft copolymer, an emulsion-polymerized styrene-acrylonitrile type interpolymer, and a suspension-polymerized styrene-acrylonitrile type interpolymer. 3,222,-422, 12–7–65, Cl. 260—876.
Cohen, Louis H., to Phelps Time Recording Lock Corp. Universal sliding door locking mechanism. 3,172,280, 3–9–65, Cl. 70—100.
Cohen, Marvin C. Closure control. 3,197,984, 8–3–65, Cl. 70—271.
Cohen, Marvin P.: *See*—
Shavel, John, Jr., von Strandtmann, and Cohen. 3,182,-071.
Shavel, John, Jr., von Strandtmann, and Cohen. 3,215,-699.
Cohen, Maurice. Garment display rack with vertically movable hangers. 3,206,038, 9–14–65, Cl. 211—174.
Cohen, Max, and E. R. Elston, to Insco Enterprises, Inc. Container with straw. 3,184,134, 5–18–65, Cl. 229—7.
Cohen, Max A.: *See*—
Tippens, Dorr E., Cohen, and Bush. 3,194,682.
Cohen, Melvin. Advertising display rack and clip therefor. 3,184,075, 5–18–65, Cl. 211—148.
Cohen, Merrill, to General Electric Co. Epoxy organopolysiloxanes. 3,219,624, 11–23–65, Cl. 260—46.5.
Cohen, Merrill, and C. B. Reilly, to General Electric Co. Curing of organopolysiloxanes. 3,205,197, 9–7–65, Cl. 260—46.5.
Cohen, Milton J.: *See*—
McGonnaughey, Robert K., and Cohen. 3,220,412.
Cohen, Milton L.: *See*—
Phillips, Chester, and Cohen. 3,222,784.
Cohen, Murray S.: *See*—
Donovan, George J., Fein, and Cohen. 3,184,499.
Cohen, Murray S., and C. E. Pearl, to Thiokol Chemical Corp. Preparation of alkylated decarboranes. 3,194,842, 7–13–65, Cl. 260—606.5.
Cohen, Murray S., J. Green, S. I. Karlan, and N. Mayes, to Thiokol Chemical Corp. Boron-containing polymer and method of making the same. 3,183,216, 5–11–65, Cl. 260—83.5.
Cohen, Murray S., and M. M. Fein, to Thiokol Chemical Corp. Preparation of solid reaction products of nitriles and decaborane. 3,201,450, 8–17–65, Cl. 260—165.1.
Cohen, Neal B., and T. D. Reader, to Sperry Rand Corp. Tape feeding apparatus. 3,191,837, 6–29–65, Cl. 226—118.
Cohen, Oscar P.: *See*—
Bonzagni, Francis A., and Cohen. 3,181,765.
Cohen, Paul, to Technical Tape Corp. Self-stick carrying handle. 3,206,104, 9–14–65, Cl. 229—52.
Cohen, Robert J., to General Precision, Inc. Displacement pickoff for gyroscope. 3,208,288, 9–28–65, Cl. 74—5.6.
Cohen, Robert J., W. M. Carow, and R. K. Brodersen, to General Precision Inc. Gyro spin motor rotation detector. 3,204,135, 8–31–65, Cl. 310—46.
Cohen, Saul M., and J. Lilenfeld, to Clinton Industries, Inc. Control systems for sewing machines. 3,209,713, 10–5–65, Cl. 112—219.
Cohen, Seymour: *See*—
Hecker, Arthur C., Pollock, and Cohen. 3,184,428.
Cohen, Sheldon, and G. A. Laursen, to Rexall Drug and Chemical Co. Process for preparing inhalation therapy. 3,190,799, 6–22–65, Cl. 167—54.
Cohen, Stanley: *See*—
Dahl, Frederick L., Hoke, and Cohen. 3,198,028.
Cohen, Werner V., to E. I. du Pont de Nemours and Co. Fluoroalkyl benzoate dielectric compositions. 3,200,077, 8–10–65, Cl. 252—65.
Cohen, William. Telescopic form containers and dispensers. 3,179,278, 4–20–65, Cl. 220—8.
Cohen de Lara, Georges: *See*—
Platzer, Roger, Blain, Cohen de Lara, and Delachanal. 3,193,498.
Cohler, Edmund U.: *See*—
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Cohler, Edmund U., M. M. Stern, and H. A. Ullman, to Sylvania Electric Products, Inc. Drive circuit for magnetic elements. 3,210,741, 10–5–65, Cl. 340—174.
Cohler, Marilyn R.: *See*—
Blout, Elkan R., Cohler, Green, and Woodward. 3,209,-016.
Cohn, Charles C., to S. L. and C. C. Cohn, d.b.a. Colonial Alloys Co. Treatment of aluminum oxide coatings. 3,174,-916, 3–23–65, Cl. 204—35.
Cohn, Charles C., to Colonial Alloys Co. Cigarette. 3,183,-914, 5–18–65, Cl. 131—4.
Cohn, Charles C., to S. L. and C. C. Cohn. Cigarette. 3,220,418, 11–30–65, Cl. 131—4.
Cohn, Eugene: *See*—
Cohn, Samuel, E. and J., and Catallo. 3,175,272.
Cohn, Samuel, J. and E., and Catallo. 3,196,723.
Cohn, Samuel, J. and E., and Catallo. 3,207,616.
Cohn, Harold J. Extensible and retractible support for trays and the like. 3,178,034, 4–13–65, Cl. 211—131.
Cohn, Johann G. E., to Engelhard Industries, Inc. Process for selectively removing carbon monoxide from hydrogen-containing gases. 3,216,782, 11–9–65, Cl. 23—2.
Cohn, Johann G. E., to Engelhard Industries, Inc. Process for selectively removing carbon monoxide from hydrogen-containing gases. 3,216,783, 11–9–65, Cl. 23—2.
Cohn, Johann G. E., and A. P. Hauel, to Engelhard Industries, Inc. Purification of internal combustion engine exhaust gas. 3,197,955, 8–3–65, Cl. 60—30.
Cohn, Johann G. E., and A. P. Hauel, to Engelhard Industries, Inc. Fuel cell. 3,216,861, 11–9–65, Cl. 136—86.
Cohn, Johann G. E., A. P. Hauel, and C. D. Keith, to Engelhard Industries, Inc. Fuel cell. 3,223,556, 12–14–65, Cl. 136—86.
Cohn, Jona, M. Cooper, and T. Saltzberg, to Motorola, Inc. Binary code signalling system having a binary counter at the receiver responsive to a selected code. 3,175,191, 3–23–65, Cl. 340—164.
Cohn, Jona, and O. M. Eness, to Motorola, Inc. Radio receiver circuit with audio noise blanker for sustained impulses. 3,195,052, 7–13–65, Cl. 325—478.
Cohn, Joseph: *See*—
Cohn, Samuel, E. and J., and Catallo. 3,175,272.
Cohn, Samuel, J. and E., and Catallo. 3,196,723.
Cohn, Samuel, J. and E., and Catallo. 3,207,616.
Cohn, Marius, and R. Lindaman, to Sperry Rand Corp. Data processing system. 3,197,760, 7–27–65, Cl. 340—347.
Cohn, Maurice. Swatch severing mechanism. 3,208,322, 9–28–65, Cl. 83—222.
Cohn, Maurice. Tape tensioning and feeding mechanism for a fastener applying machine. 3,208,657, 9–28–65, Cl. 227—136.
Cohn, Max, to South River Metal Products Co. Inc. Telescopic mounting bracket. 3,186,772, 6–1–65, Cl. 308—3.8.
Cohn, Morris G. Reel handling mechanism. 3,169,789, 2–16–65, Cl. 294—16.
Cohn, Samuel, E. and J., and F. Catallo, to Samcoe Holding Corp. Method and apparatus for treating tubular knitted fabric by lateral distention. 3,175,272, 3–30–65, Cl. 26—55.
Cohn, Samuel, J. and E., and F. Catallo, to Samcoe Holding Corp. Method and means for slitting and opening tubular material. 3,196,723, 7–27–65, Cl. 83—23.
Cohn, Samuel, J. and E., and F. Catallo, to Samcoe Holding Corp. Method and apparatus for treating tubular knitted fabric. 3,207,616, 9–21–65, Cl. 117—7.
Cohn, Samuel L.: *See*—
Cohn, Charles C. 3,174,916.
Cohn, Charles C. 3,220,418.
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Lang, Harold M. 3,167,628.
Cohon, Norman: *See*—
Bertold, Arthur, and Spitzer. 3,172,588.
Cohoon, Robert L.: *See*—
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Cohu Electronics, Inc.: *See*—
Kimball, James L. 3,175,169.
Coil, Stanley F.: *See*—
Horst, William R., and Coil. 3,198,068.
Schwab, Helmut, Horst, Van Voorhis, and Coil. 3,225,-470.
Coil, Stanley F., to The National Cash Register Co. Coded tag printer using punched tags. 3,199,444, 8–10–65, Cl. 101—45.
Coilcraft, Inc.: *See*—
Renskers, John O. 3,169,234.
Renskers, John O. 3,199,178.
Coile, Benjamin F., to Textile Machine Works. Pattern mechanism for knitting machines. 3,169,384, 2–16–65, Cl. 66—50.
Coile, Benjamin F., to Textile Machine Works. Pattern means for knitting machines. 3,205,683, 9–14–65, Cl. 66—50.
Coin Acceptors, Inc.: *See*—
Haverstick, Merral P. 3,172,523.
Haverstick, Merral P., and Lotspeich. 3,181,678.
Jenkins, Merrill M. E., Sr. 3,182,780.
Lotspeich, Joseph A. 3,207,428.
Offutt, Elmer B., and J. A. and J. F. Lotspeich. 3,175,-670.
Coirre, Paul. N2-substituted hydrazides as mono-amine oxidase inhibitors. 3,193,578, 7–6–65, Cl. 260—559.
Coker, Cecil H., to Wisconsin Alumni Research Foundation. Circuit breaker with bistable circuit for overcurrent protection. 3,178,617, 4–13–65, Cl. 317—33.
Coker, Morton M.: *See*—
Hunger, Richard H., Spennetta, Campbell, and Coker. 3,211,065.
Coker, William P., and G. E. Ham, to The Dow Chemical Co. Selective hydrogenation of haloolefins. 3,179,705, 4–20–65, Cl. 260—648.
Colace, Gino F. Ski bike. 3,178,196, 4–13–65, Cl. 280—16.
Colaiaco, August P., to Westinghouse Electric Corp. High voltage rectifier. 3,211,969, 10–12–65, Cl. 317—234.

Colalillo, Edward P., to Philco Corp. Heating apparatus. 3,170,061, 2–16–65, Cl. 219—413.
Colangelo, Monte V. Fishing lure. 3,197,910, 8–3–65, Cl. 43—42.51.
Colao, Ralph J., and P. M. Levy, to General Precision, Inc. Dynamic memory circuit. 3,171,980, 3–2–65, Cl. 307—88.5.
Colautti, Albert J., to General Motors Corp. Horizontal drive means for powered seat adjusters. 3,184,209, 5–18–65, Cl. 248—429.
Colbert, George P., to E. I. du Pont de Nemours and Co. Stabilization of chlorobutadiene monomers with nitrogen tetroxide diisobutylene addition product. 3,175,012, 3–23–65, Cl. 260—652.5.
Colbert, Otto F. Work holder. 3,182,989, 5–11–65, Cl. 269—81.
Colbert, Otto F. Baited-hook carrier. 3,200,531, 8–17–65, Cl. 43—41.2.
Colbert, William H.: *See*—
Hammon, Otto, Colbert, and Gambrell. 3,202,088.
Colborne Mfg. Co.: *See*—
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Colburn, Ben W. Vehicle wheel construction. 3,212,551, 10–19–65, Cl. 152—406.
Colburn, Charles B., to Rohm & Haas Co. Tetrafluorohydrazine. 3,220,799, 11–30–65, Cl. 23—205.
Colburn, Walter E.: *See*—
Marmor, Adrian, and Colburn. 3,183,834.
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Parker, Theodore C., and Colburn. 3,171,764.
Colburn, William H., Jr.: *See*—
Parker, Theodore C., and Colburn. 3,181,464.
Colby, Edward E., to The Procter & Gamble Co. Slurry treatment of flour with proteolytic enzymes and dry mixes utilizing the resulting flour. 3,167,432, 1–26–65, Cl. 99—93.
Colby, Ralph S., to Avco Corp. Device for preventing multiple rebounds of an impacting mass. 3,209,580, 10–5–65, Cl. 73—12.
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Yeckley, Russell N., and Colclaser. 3,214,542.
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Cole, Austin, III, to United Process Machinery Co. Portable foam generating apparatus. 3,178,157, 4–13–65, Cl. 259—4.
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Cole, James D., to Myers K. Parson. Evaporative coolers. 3,166,610, 1–19–65, Cl. 261—29.
Cole, James N., H. R. Foglia, and J. R. Kiseda, to International Business Machines Corp. High speed pulse forming network including constant current grounded base transistor. 3,215,855, 11–2–65, Cl. 307—88.5.
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Cole, John A., to The Water Research Assn. Devices for transmitting signals. 3,196,686, 7–27–65, Cl. 73—398.
Cole, John E., Jr., and W. H. Gumprecht, to E. I. du Pont de Nemours and Co. Single pad thermal process for dyeing textile fibers. 3,184,282. 5–18–65, Cl. 8—21.
Cole, John E., Jr., and W. H. Gumprecht, to E. I. du Pont de Nemours and Co. Process for applying fiber reactive dyes to cellulosic materials. 3,184,283, 5–18–65, Cl. 8—54.2.
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Coleman, Charles G. Oblique photograph plotter. 3,217,413, 11–16–65, Cl. 33—1.
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Coleman, John W., and A. J. Cardile, to Radio Corp. of America. Specimen holder for an electron microscope with means to support a specimen across a thermocouple junction. 3,171,957, 3–2–65, Cl. 250—49.5.
Coleman, Joseph J., M. E. Wilke, E. F. Steinhoff, and H. A. Brandeland, to Servel, Inc. Primary voltaic cell having spirally wound electrodes and method of making same. 3,185,593, 5–25–65, Cl. 136—107.
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Colgate, Stirling A., and A. W. Trivelpiece, to United States of America, Atomic Energy Commission. Method and apparatus for dynamic pinch pulse maser pumping. 3,209,281, 9–28–65, Cl. 331—94.5.
Colgren, Carl T., and W. T. Burbank, to KVP Sutherland Paper Co. Egg carton. 3,173,597, 3–16–65, Cl. 229—28.
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Colley, Russell S., to The B. F. Goodrich Co. Inflating apparatus. 3,169,665, 2–16–65, Cl. 222—5.
Colley, William C., Jr., to General Electric Co. Vapor fuel injector flameholder. 3,176,465, 4–6–65, Cl. 60—39.72.
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Collier, Herman E., Jr., and G. S. Hammond, to E. I. du Pont de Nemours and Co. Process for purifying tetramethyl lead. 3,187,028, 6–1–65, Cl. 260—437.
Collier, J. P. Portable desk. 3,172,636, 3–9–65, Cl. 248—444.
Collier, John C., to AMP Inc. Electrical connector for connecting an electrical lead to the braid of a braid-shielded electrical cable. 3,194,877, 7–13–65, Cl. 174—88.
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Collin, Lars T., to Gotaverken, Aktiebolaget. Arrangement in two-stroke cycle combustion engines. 3,174,275, 3–23–65, Cl. 60—13.
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Collins, Forrest M., and J. P. Kuehnle, to Holiday Pools, Inc. Swimming pool manufacture. 3,208,084, 9–28–65, Cl. 4—172.
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Collins, Jack D., to Ford Motor Co. Suspension system and engine mounting arrangement for motor vehicles. 3,209,851, 10–5–65, Cl. 180—42.
Collins, James D., and E. L. Shriver. High strength concrete from hydraulic cement, aggregate, an aldehyde (formaldehyde, glyoxal), and a phenol (resorcinol, phloroglucinol). 3,216,966, 11–9–65, Cl. 260—38.
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Collins, John H., and G. E. Edwards, to Imperial Chemical Industries Ltd. Multi-electrolytic cell comprising a plurality of diaphragm-free unit cells and the use of same for preparing alkali metal chlorates. 3,219,563, 11–23–65, Cl. 204—95.
Collins, John J., and E. L. Clark, to Union Carbide Corp. Method of separating gas mixtures by adsorption. 3,176,445, 4–6–65, Cl. 55—58.
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Collins, Joseph C., to North American Philips Co., Inc. Biaxial electric terminal. 3,169,814, 2–16–65, Cl. 339—47.
Collins, Joseph C., to Sterling Drug Inc. 3-substituted-4-hydroxy-6-aryl-2-pyrones and preparation. 3,206,476, 9–14–65, Cl. 260—343.5.
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Cook, Cedric E. Clamps. 3,222,055, 12–7–65, Cl. 269—219.

Cook, Charles A., and F. B. Williams, to National Distillers and Chemical Corp. Side printed easy opening polyolefin bag. 3,216,646, 11–9–65, Cl. 229—53.

Cook, Charles F., to Phillips Petroleum Co. Determining the nature of geological formations. 3,164,988, 1–12–65, Cl. 73—154.

Cook, Charles H.: *See*—
Twedt, Paul L., and Cook. 3,190,328.

Cook, Daniel: *See*—
Cook, Robert A. and D. 3,181,554.

Cook, Denys, and S. J. Kuhn, to The Dow Chemical Co. Preparation of N-alkanoxy ammonium halides. 3,183,236, 5–11–65, Cl. 260—294.8.

Cook, Dewey B.: *See*—
Wilkinson, Stanley, and Cook. 3,186,614.

Cook, Dewey B., to Wellman Combing Co. Fiber package. 3,186,660, 6–1–65, Cl. 242—168.

Cook, Dewey B., to Wellman Combing Co. Method of forming dense packages of textile fibers. 3,214,798, 11–2–65, Cl. 19—66.

Cook, Donald F., and D. F. Cosper, to Texas Instruments Inc. Symmetrical switching diode. 3,196,329, 7–20–65, Cl. 317—234.

Cook, Donald H.: *See*—
Schelling, William T., Parle, Cook, and Erskine. 3,199,991.

Cook, Earnest D. Sinking weight for snagging gang hooks. 3,181,265, 5–4–65, Cl. 43—42.7.

Cook Electric Co.: *See*—
Gombert, Dieter W. 3,225,203.

Cook, Ernest E.: *See*—
Sadler, Harry J., and Cook. 3,169,485.
Sadler, Harry J., and Cook. 3,183,842.

Cook, Ernest E., to Hypro Engineering, Inc. Venturi mixer nozzle. 3,166,020, 1–19–65, Cl. 103—262.

Cook, Ernest E., to Hypro, Inc. Rotary pump. 3,207,078, 9–21–65, Cl. 103—136.

Cook, Ernest E., and H. J. Sadler, to Hypro, Inc. Spring loaded end port rotary pump. 3,207,079, 9–21–65, Cl. 103—136.

Cook, Evin L., to Socony Mobil Oil Co., Inc. Fluid-actuated drilling tool. 3,167,136, 1–26–65, Cl. 173—73.

Cook, Frank E.: *See*—
Preiser, Herman S., and Cook. 3,169,105.

Cook, Frederick H., to Congoleum-Nairn Inc. Decorative surface covering and process for preparing same. 3,167,464, 1–26–65, Cl. 156—254.

Cook, George R., to Union Oil Co. of California. Emulsion hydraulic fluid, concentrate and method of preparing same. 3,222,284, 12–7–65, Cl. 252—75.

Cook, George R., and A. A. Manueuffel, to The Pure Oil Co. Acid resistant coating for metallic surfaces. 3,198,747, 8–3–65, Cl. 252—389.

Cook, George W.: *See*—
Reed, Stanley F., and Cook. 3,182,796.

Cook, George W., to Thiokol Chemical Corp. Measurement system including resonant bridge, and phase and amplitude sensitive discriminator. 3,218,551, 11–16–65, Cl. 324—61.

Cook, Gerhard A., to Union Carbide Corp. Method for the production of ozone. 3,186,930, 6–1–65, Cl. 204—176.

Cook, Gilbert V. O., and R. S. Henley, to K-F Products, Inc. Electronic gauging system. 3,213,360, 10–19–65, Cl. 324—61.

Cook, Gordon H., to Rank Precision Industries Ltd., trading as The Organisation Rank Taylor Hobson Division. Optical systems of variable equivalent focal length. 3,164,664, 1–5–65, Cl. 88—57.

Cook, Gordon H., to The Rank Organisation Ltd. Optical objectives of variable focal length of the zoom type and control means therefor. 3,191,496, 6–29–65, Cl. 88—57.

Cook, Gordon H., to The Rank Organisation Ltd. Camera arrangements, for example for television. 3,207,841, 9–21–65, Cl. 178—5.4.

Cook, Harry C.: *See*—
Nelson, Jerome W., Faulkner, and Cook. 3,196,245.
Rieppel, Perry J., Faulkner, Nelson, and Cook. 3,188,445.

Cook, Harry C., to Esso Research and Engineering Co. Offshore triangular ship mooring structure. 3,209,545, 10–5–65, Cl. 61—48.

Cook, Harry R.: *See*—
Hoffman, David B., and Cook. 3,210,089.

Cook, Harvey L., Jr.: *See*—
Whitesell, William A., and Cook. 3,222,453.

Cook, Horace F.: *See*—
Koffinke, Richard A., and Cook. 3,194,492.

Cook, Hosea C. Stabilizer for tractor lift arms. 3,184,252, 5–18–65, Cl. 280—474.

Cook, Howard F., to Henry C. Harbers. Cargo truck train. 3,199,622, 8–10–65, Cl. 180—14.

Cook, Jack E.: *See*—
Canterino, Peter J., and Cook. 3,193,538.

Cook, Jack E., to Phillips Petroleum Co. Moldable polymers and process for producing same. 3,178,376, 4–13–65, Cl. 260—2.

Cook, Jack E., to Phillips Petroleum Co. Polymers of bis(halomethyl)aromatic compounds and process for producing same. 3,193,513, 7–6–65, Cl. 260—2.

Cook, James A., Jr., to Westinghouse Air Brake Co. Transistor limiter amplifier circuit. 3,223,936, 12–14–65, Cl. 330—19.

Cook, James A., Jr., to Westinghouse Air Brake Co. Constant temperature hot bearing detector. 3,225,201, 12–21–65, Cl. 250—83.3.

Cook, James W.: *See*—
Bernard, Walter J., and Cook. 3,205,416.

Cook, John B., to Reliable Electric Co. Flexible connecting terminal assembly. 3,221,095, 11–30–65, Cl. 174—68.5.

Cook, John S., and J. N. Hines, to Bell Telephone Laboratories, Inc. Antenna array of same directed horn reflector units supported in a side-by-side manner. 3,169,246, 2–9–65, Cl. 343—776.

Cook, John S., and W. E. Danielson, to Bell Telephone Laboratories, Inc. Satellite stabilization and attitude control. 3,188,639, 6–8–65, Cl. 343—100.

Cook, John W., to Westinghouse Electric Corp. Rolling mill motor speed control apparatus. 3,213,656, 10–26–65, Cl. 72—15.

Cook, John W., to Sprague Electric Co. Magnetic device. 3,222,657, 12–7–65, Cl. 340—174.

Cook, Joseph, Sons & Co. (1930) Ltd.: *See*—
Hunt, William A. 3,164,104.

Cook, Kenneth R., and D. E. Soland, to Jersey Production Research Co. Time domain unit for processing a seismic signal. 3,221,159, 11–30–65, Cl. 235—181.

Cook, Larry D.: *See*—
Smith, Donald P., Zuercher, Luck, Hultsman, and Cook. 3,222,844.

Cook, Leo W.: *See*—
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Smirl, Richard L., and Cook. 3,213,991.

Cook, Leo W., to Borg-Warner Corp. Clutch device. 3,167,162, 1–26–65, Cl. 192—68.

Cook, Leo W., to Borg-Warner Corp. Dual plate clutch. 3,170,551, 2–23–65, Cl. 192—48.

Cook, Leo W., to Borg-Warner Corp. Servo-operated clutch transmission having friction brake means. 3,213,984, 10–26–65, Cl. 192—18.

Cook, Leo W., to Borg-Warner Corp. Clutch mechanism. 3,213,987, 10–26–65, Cl. 192—68.

Cook, Leon R.: *See*—
Pinkalla, Hamilton A., Neuser, Korfhage, and Cook. 3,223,532.

Cook, Loren, to Loren Cook Co. Ventilators. 3,202,080, 8–24–65, Cl. 98—43.

Cook, Loren, to Loren Cook Co. Ventilator. 3,202,081, 8–24–65, Cl. 98—43.

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Cook, Loren. 3,202,080.
Cook, Loren. 3,202,081.

Cook, Lucien H., to Chemical Construction Corp. Biuret control in urea process. 3,211,788, 10–12–65, Cl. 260—555.

Cook, Lucien H., and I. Mavrovic, to Chemical Construction Corp. Urea synthesis process. 3,200,148, 8–10–65, Cl. 260—555.

Cook, Maurice D., and P. T. Troell, to Harbison-Walker Refractories Co. Method of in situ fabrication of a monolith refractory lining. 3,201,501, 8–17–65, Cl. 264—30.

Cook, Maxwell M. Apparatus for centrifugally separating honey and wax. 3,217,979, 11–16–65, Cl. 233—7.

Cook, Melvin A., and D. H. Pack, to Intermountain Research and Engineering Co., Inc. Method of making an explosive booster. 3,185,017, 5–25–65, Cl. 86—1.

Cook, Nelson E., and S. L. Norteman, to Wheeling Steel Corp. Alkali metal borate masking in galvanizing process. 3,181,963, 5–4–65, Cl. 117—5.5.

Cook Paint & Varnish Co.: *See*—
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Lombardi, Louis J., Wright, and Westfall. 3,215,756.
Wright, Howard J., and Dalzell. 3,225,116.

Cook, Paul A. C.: *See*—
Wasp, Edward J., and Cook. 3,180,813.

Cook, Peter. Transistor ignition system. 3,168,891, 2–9–65, Cl. 123—148.

Cook, Peter R., to Package Sealing Co. (Export Ltd). Package binding machines. 3,183,824, 5–18–65, Cl. 100—4.

Cook, Ralph J., to Semco Sales & Service, Inc. Mixing cartridge for sealant compound. 3,217,946, 11–16–65, Cl. 222—386.

Cook, Reginald M.: *See*—
Shaw, Stuart W. K., and Cook. 3,166,413.

Cook, Reginald M., and J. H. Gittus, to The International Nickel Co., Inc. Nickel-chromium alloys. 3,166,411, 1–19–65, Cl. 75—171.

Cook, Richard R. Air purifier. 3,178,869, 4–20–65, Cl. 55—126.

Cook, Richard S., and M. C. Seidel, to Rohm & Haas Co. Preparation of 3-methyl-2-pyrrolidinones. 3,210,373, 10–5–65, Cl. 260—326.5.

Cook, Richard T., and W. D. Hallermeier, to United States of America, Army. Anti-frost apparatus for optical element. 3,225,173, 12–21–65, Cl. 219—202.

Cook, Robert A. and D. Shelter air and waste system. 3,181,554, 5–4–65, Cl. 137—357.

Cook, Robert W. Straightedge attachment for tape measure. 3,181,242, 5–4–65, Cl. 33—75.

Cook, Robert W., to C. W. Fuelling, Inc. Method for locating pipe joints. 3,201,975, 8–24–65, Cl. 73—40.5.

Cook, Roger H.: *See*—
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Cook, Ronald, to R. E. Scott. Sectioned metal springboard. 3,184,233, 5–18–65, Cl. 272—66.

Cook, Shirl E.: *See*—
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Cook, Shirl E., and T. O. Sistrunk, to Ethyl Corp. Stable lead alkyl compositions. 3,221,037, 11–30–65, Cl. 260—437.

Cook, Shirl E., and T. O. Sistrunk, to Ethyl Corp. Stabilization of alkylleads. 3,221,038, 11–30–65, Cl. 260—437.

Cook, Shirl E., and T. O. Sistrunk, to Ethyl Corp. Stabilization of alkylleads. 3,221,039, 11–30–65, Cl. 260—437.

Cook, Shirl E., and H. Shapiro, to Ethyl Corp. Gasoline fuel composition. 3,226,209, 12–28–65, Cl. 44—69.

Cook, Thomas L., ⅓ to K. H. Norbert, ⅓ to W. V. Glass, and ⅓ to L. Tellefsen. Apparatus for orienting cylindrical objects and securing the same together. 3,196,589, 7–27–65, Cl. 53—48.

Cook, Trevor M.: *See*—
Irons, John S., and Cook. 3,164,588.

Cook, Walter L., to Heath-Tecna Plastics, Inc. Combination pipe hanger and coupling. 3,194,590, 7–13–65, Cl. 285—61.

Cook, Warren G., K. E. Mathews, and J. L. Hill, to United States of America, Navy. Replenishment-at-sea receiving apparatus. 3,224,380, 12–21–65, Cl. 104—114.

Cook, Wendell S.: *See*—
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Cook, Wendell S., to The Firestone Tire & Rubber Co. Imidazolidine thione stabilizers for synthetic rubbers. 3,205,195, 9–7–65, Cl. 260—45.8.

Cook, William A.: *See*—
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Cook, William C., to Lockheed Aircraft Corp. Internal lock for hydraulic actuator. 3,203,319, 8–31–65, Cl. 91—45.

Cook, William F.: *See*—
McDonald, William J., Cook, and Raffe. 3,176,339.

Cook, William H.: *See*—
Cox, Eugene F., Cook, and Hostettler. 3,186,969.

Cook, William H., to Union Carbide Corp. 1-[bis(2-hydroxypropyl)amino]-2-butanol. 3,201,473, 8–17–65, Cl. 260—584.

Cook, William R., Jr.: *See*—
Kulcsar, Frank, and Cook. 3,179,594.

Cook, William R., Jr., and H. Jaffe, to Clevite Corp. Ferroelectric ceramic and tranducer embodying same. 3,219,583, 11–23–65, Cl. 252—62.9.

Cooke, Arthur H., to Hoover Ball and Bearing Co. Bin for bulk materials and apparatus for manipulating bins. 3,224,653, 12–21–65, Cl. 222—462.

Cooke, Clifton W., Jr., to E. I. du Pont de Nemours and Co. Method of preparing a mangano-chromia-manganite catalyst composition. 3,214,389, 10–26–65, Cl. 252—468.

Cooke, Edgar O. Cutting edge member. 3,197,895, 8–3–65. Cl. 37—143.

Cooke, Edith A. Shielding device for intravenous feeding apparatus. 3,194,235, 7–13–65, Cl. 128—132.

Cooke, Edward G., to Imperial Chemical Industries Ltd. Preparation of sodium chloride having very low bulk density. 3,197,277, 7–27–65, Cl. 23—89.

Cooke Engineering Co.: *See*—
Cooke, Nelson M. 3,204,446.
Duff, Alan A. 3,191,813.

Cooke, George H.: *See*—
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Wilkinson, Orville L., and Cooke. 3,205,906.

Cooke, Harry F., F. C. Ducote, and D. W. Parsons, to Texas Instruments Inc. Automatic frequency control system. 3,207,989, 9–21–65, Cl. 325—420.

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Beeler, Theodore L., and Cooke. 3,171,120.

Cooke, Nelson M., to Cooke Engineering Co. Apparatus for testing dilution loops and similar devices. 3,204,446, 9–7–65, Cl. 73—1.

Cooke-Yarborough, Edmund H., to United Kingdom Atomic Energy Authority. Scale-of-five circuits. 3,183,374, 5–11–65, Cl. 307—88.5.

Cooke-Yarborough, Edmund H., to United Kingdom Atomic Energy Authority. Ion chamber dosimeter for nuclear radiation. 3,214,588, 10–26–65, Cl. 250—83.6.

Cooke-Yarborough, Edmund H., to United Kingdom Atomic Energy Authority. Ratemeters for electrical pulses. 3,219,940, 11–23–65, Cl. 328—140.

Cooke-Yarborough, Edmund H., J. W. H. Wilkins, and D. J. Marsh, to United Kingdom Atomic Energy Authority. Semiconductor diodes used in a ratemeter/integrator circuit. 3,210,573, 10–5–65, Cl. 307—88.5.

Cookerly, Jack C., and G. R. Hall. Stringed instrument bridge and anchoring means. 3,174,380, 3–23–65, Cl. 84—307.

Cookerly, Jack C., and G. R. Hall. Guitar neck construction. 3,212,384, 10–19–65, Cl. 84—293.

Cookerly, Jack C., and G. R. Hall. Tone generation system. 3,213,180, 10–19–65, Cl. 84—1.16.

Cookerly, Jack C., and G. R. Hall. Multiple use of wave shaping circuits for tone production. 3,222,447, 12–7–65, Cl. 84—1.19.

Cooksey, Otha. Air actuated web break detector. 3,178,527, 4–13–65, Cl. 200—61.18.

Cookson Sheet Metal Developments Ltd.: *See*—
Cookson, William. 3,174,322.
Cookson, William. 3,184,942.

Cookson, William, to Cookson Sheet Metal Developments Ltd. Machines for working sheet metal. 3,174,322, 3–23–65, Cl. 172—324.

Cookson, William, to Cookson Sheet Metal Developments Ltd. Machine and method for shaping sheet metal. 3,184,942, 5–25–65, Cl. 72—179.

Cool Fin Electronics Corp.: *See*—
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Allison, Donald K. 3,187,082.
Nance, Everett S. 3,202,752.

Coolant Equipment Corp.: *See*—
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Cooley, Charles R.: *See*—
Dempster, George R., and Cooley. 3,214,046.
Dempster, George R., Cooley, and Herpich. 3,214,045.
Dempster, James W., Cooley, and Voorhees. 3,175,718.
Dempster, John S., Cooley, and Garrett. 3,195,749.

Cooley, Farris W., and H. W. Willis, to Rockwell Mfg. Co. Lubricated ball plug valve with relieved surface on seat ring. 3,216,696, 11–9–65, Cl. 251—175.

Cooley, George, B. Ellis, and V. Petrow, to British Drug Houses Ltd. 6-methyl-3-oxo-4,7-dienic steroids. 3,176,010, 3–30–65, Cl. 260—397.4.

Cooley, James A., to Dresser Industries, Inc. Method and apparatus for neutron well logging. 3,183,358, 5–11–65, Cl. 250—108.

Cooley, John R., to General Electric Co. Electrical contact member having a raised cup shaped work-hardened area. 3,200,226, 8–10–65, Cl. 200—166.

Cooley, Robert L., Sr. Socket wrench with a nut ejector. 3,224,302, 12–21–65, Cl. 81—124.1.

Coolidge, John E.: *See*—
Brown, Robert J. S., and Coolidge. 3,199,022.
Brown, Robert J. S., and Coolidge. 3,204,178.

Coolidge, John K., to The Gunn Co., Inc. Life preserver. 3,172,135, 3–9–65, Cl. 9—337.

Coolidge, John K., to The Gunn Co., Inc. Life preserver and method of making same. 3,193,856, 7–13–65, Cl. 9—337.

Coombe, Douglas C. Boating. 3,191,569, 6–29–65, Cl. 114—102.

Coombs, Jack A., and C. F. Mooney, to Bausch & Lomb Inc. Pelletizing process and apparatus. 3,206,528, 9–14–65, Cl. 264—117.

Coombs, Verner D., to General Electric Co. Fatigue testing machine. 3,187,566, 6–8–65, Cl. 73—100.

Coombs, William F., Jr., and K. H. Kreckel, to Bausch & Lomb Inc. Optical element. 3,205,768, 9–14–65, Cl. 88—24.

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Coonradt, Harry L., and W. E. Garwood, to Socony Mobil Oil Co., Inc. Catalytic hydrocracking process with the use of a catalyst composite comprising platinum or palladium or silica-alumina. 3,169,107, 2–9–65, Cl. 208—111.

Coons, Everett A., to Olin Mathieson Chemical Corp. Collapsible container. 3,199,762, 8–10–65, Cl. 229—27.

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Cooper, Allen E., to Chrysler Outboard Corp. Reverse locking spring. 3,220,675, 11–30–65, Cl. 248—4.

Cooper, Arthur, to The Noble & Wood Machine Co. Automatic cut-off roll. 3,188,268, 6–8–65, Cl. 162—260.

Cooper, Arthur C., Jr., and A. A. Dowd, to International Business Machines Corp. Type carrier for high speed printer. 3,209,682, 10–5–65, Cl. 101—109.

Cooper, Arthur H., and G. Frankel, to Caps Research Ltd. Photographic type composing apparatus. 3,207,051, 9–21–65, Cl. 95—4.5.

Cooper, Belton Y., and C. M. Luna, to United States Pipe and Foundry Co. Centrifugal casting apparatus. 3,191,-245, 6–29–65, Cl. 22—65.

Cooper-Bessemer Corp., The: *See*—
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Crooks, William R. 3,188,808.
Crooks, William R. 3,204,859.
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Walker, George G., and Eckman. 3,190,183.

Cooper, Carl M., W. B. Sulmonetti, and C. A. Renfro. Harness for control of upper extremity prosthesis. 3,188,655, 6–15–65, Cl. 3—12.1.

Cooper, Christopher N., to Kemwell A.G. Heat treatment of welds. 3,192,080, 6–29–65, Cl. 148—127.

Cooper, Clinton T. Mat switch having U-shaped binding clamps. 3,165,606, 1–12–65, Cl. 200—86.

Cooper, Clinton T. Air pulse switch having inherent holding period. 3,204,056, 8–31–65, Cl. 200—83.

Cooper, Daniel W., to G. Q. Parachute Co. Ltd. Delayed release locking device. 3,196,693, 7–27–65, Cl. 74—3.54.

Cooper, David E.: *See*—
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Cooper, David H. D., to Dunlop Tire and Rubber Corp. Flexible ducting. 3,166,137, 1–19–65, Cl. 180—7.

Cooper, David, L. De Koranyi, and W. B. Zelina, to General Electric Co. Electromagnetic current carrying switch. 3,188,427, 6–8–65, Cl. 200—87.

Cooper, David S.: *See*—
White, John S., and Cooper. 3,176,935.

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Cooper, Dexter P., Jr., to Polaroid Corp. Electric lamps. 3,213,519, 10–26–65, Cl. 29—155.5.

Cooper, Dexter P., Jr., and V. E. Ford, to Polaroid Corp. Photographic shutter mechanism. 3,208,365, 9–28–65, Cl. 95—60.

Cooper, Donald E., and S. A. Herres, to Titanium Metals Corp. of America. Casting refractory metals. 3,201,835, 8–24–65, Cl. 22—68.

Cooper, Donald L., R. R. Erick, H. P. Tyler, R. W. Loy, and J. L. Peczkowski, to The Bendix Corp. Pump control means. 3,213,805, 10–26–65, Cl. 103—162.

Cooper, Frederick J. Signaling device for mail box and the like. 3,168,239, 2–2–65, Cl. 232—35.

Cooper, Frederick W., to G.K.N. Screws & Fasteners Ltd. Dies for rotary die thread rolling machines. 3,167,979, 2–2–65. Cl. 80—7.

Cooper, Frederick W., to GKN Screws and Fasteners Ltd. Dies for rotary thread roll die machines for producing screws. 3,197,989, 8–3–65, Cl. 80—6.

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Cooper, Glenn D.: *See*—
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Cooper, Glenn F., and A. B. Smith, to Sprague Electric Co. Distributed network attenuator. 3,217,276, 11–9–65, Cl. 333—81.

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Cooper, Jacob, and R. D. Sidener, to Foster Wheeler Corp. Vapor generator wall construction. 3,209,734, 10–5–65, Cl. 122—510.

Cooper, James, Jr., to General Electric Co. Conductive silver coating of resins having amine groups at the surface. 3,189,478, 6–15–65, Cl. 117—47.

Cooper, James, Jr., and J. J. Aldrich, to Chase Brass & Cooper Co. Inc. Process for producing high purity rhenium compounds. 3,192,011, 6–29–65, Cl. 23—22.

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Cooper, James M., and J. D. Welch, to General Electric Co. Atmosphere re-entry system for spacecraft. 3,164,338, 1–5–65, Cl. 244—14.

Cooper, Jameson A., and R. Saylor, to General Precision, Inc. Electro-mechanical frequency comparator utilizing cams for timing. 3,204,181, 8–31–65, Cl. 324—79.

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Cooper, John N., and E. C. Crittenden, Jr., to TRW Inc. Vacuum deposition apparatus. 3,213,825, 10–26–65, Cl. 118—49.

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Adams, Rowland K., and Cooper. 3,173,897.

Cooper, John R., and R. M. Prosser, to E. I. du Pont de Nemours and Co. Process of reacting isocyanate and hydroxy compound in presence of tertiary amine and hydrogen peroxide. 3,206,437, 9–14–65, Cl. 260—77.5.

Cooper, Joseph. Slidable and swivel-top table. 3,224,391, 12–21–65, Cl. 108—140.

Cooper, Joseph H.: *See*—
Seeloff, Melvin M., and Cooper. 3,198,081.

Cooper, Joseph H., to The Taylor-Winfield Corp. Apparatus for joining metal strip. 3,198,418, 8–3–65, Cl. 228—4.

Cooper, Joseph H., M. M. Seeloff, and C. R. Chew, to The Taylor-Winfield Corp. Method and apparatus for the fusion joining of strip. 3,178,554, 4–13–65, Cl. 219—125.

Cooper, Lavon K., to Western Eectric Co., Inc. Apparatus for forming lengths of shaped wire from wire stock. 3,196,-517, 7–27–65, Cl. 29—33.

Cooper, Leon M., to International Business Machines Corp. Two torque clutch. 3,197,002, 7–27–65, Cl. 192—81.

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Coover, Harry W., Jr., to Eastman Kodak Co. Monosubstituted aluminum dihalide catalysts for olefin polymerization. 3,222,337, 12–7–65, Cl. 260—88.2.
Coover, Harry W., Jr., and R. L. McConnell, to Eastman Kodak Co. Process for preparing α-monoolefinic hydrocarbons. 3,165,557, 1–12–65, Cl. 260—683.15.
Coover, Harry W., Jr., and F. B. Joyner, to Eastman Kodak Co. Three-component alkyl aluminum halide catalysts for olefin polymerization and olefin polymerization process therewith. 3,178,401, 4–13–65, Cl. 260—93.7.
Coover, Harry W., Jr., and F. B. Joyner, to Eastman Kodak Co. Metal-titanium halide catalysts for olefin polymerization. 3,184,443, 5–18–65, Cl. 260—93.7.
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Coover, Harry W., Jr., and W. C. Wooten, Jr., to Eastman Kodak Co. Acrylonitrile spinning solutions and method of producing filaments therefrom. 3,194,862, 7–13–65, Cl. 264—206.
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Coover, Harry W., Jr., and F. B. Joyner, to Eastman Kodak Co. Three-component metal hydride-transition metal halide catalyst and olefin polymerization process therewith. 3,201,379, 8–17–65, Cl. 260—93.7.
Coover, Harry W., Jr., and F. B. Joyner, to Eastman Kodak Co Three-component organometallic-transition metal halide catalysts and olefin polymerization. 3,205,208, 9–7–65, Cl. 260—93.7.
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Cordell, Ray R., and W. F. Gustafson, to Gustafson Mfg. Co. Automatic sampling device. 3,217,549, 11–16–65, Cl. 73—423.
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Cordis, Nat. 3,213,873.
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Cormier, Louis A. Bottle cap. 3,200,982, 8–17–65, Cl. 215—46.

Cormier, Paul L. Starter for use with water skis. 3,179,222, 4–20–65, Cl. 193—35.

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Cornelius, Edward B., R. G. Craig, R. B. Cross, H. A. Shabaker, and D. E. Field, to Air Products and Chemicals, Inc. Method for producing attrition resistant sorptive alumina particles. 3,173,883, 3–16–65, Cl. 252—448.

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Cornelius, Gail, and I. C. Roemer, to R. M. Wade & Co. Power means for moving irrigation pipe. 3,211,382, 10–12–65, Cl. 239—212.

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Cornelius, Richard T., to The Cornelius Co. Coin controlled mechanism. 3,197,007, 7–27–65, Cl. 194—63.

Cornelius, Richard T., to The Cornelius Co. Apparatus for producing and dispensing carbonated beverages. 3,209,952, 10–5–65, Cl. 222—129.1.

Cornelius, Richard T., to The Cornelius Co. Ice-cube making machine having a spray type pump. 3,216,218, 11–9–65, Cl. 62—344.

Cornelius, Richard T., to The Cornelius Co. Beverage dispensing valve structure. 3,216,445, 1–9–65, Cl. 137—594.

Cornelius, Richard T., to The Cornelius Co. Spray type ice cube maker. 3,220,214, 11–30–65, Cl. 62—347.

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Cornelius, Richard T., and H. E. Dufresne, to The Cornelius Co. Apparatus for metering and mixing flowable ingredients to continuously supply a predetermined mixture. 3,199,531, 8–10–65, Cl. 137—394.

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Cornell, Archie R., to Westinghouse Electric Corp. Magnetic core structures. 3,209,294, 9–28–65, Cl. 336—134.

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Corning, Leon M., R. L. Friedenthal, and R. E. Sarafan, to Advance Chemical Co. Container for toilet bowl cleaning fluid and receptacle for mop. 3,199,739, 8–10–65, Cl. 222—130.
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Corrall, Roy E., and G. N. Menasoff, to Anaconda Wire and Cable Co. Stranding apparatus and method. 3,169,360, 2–16–65, Cl. 57—34.
Corran, Henry S., and J. E. Mulvey, to Arthur Guinness Son & Co. (Dublin) Ltd. Continuous lactic fermentation of beer. 3,210,196, 10–5–65, Cl. 99—29.
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Corsette, Douglas F., to Calmar, Inc. Atomizing device having an annular aspirating zone. 3,189,282, 6–15–65, Cl. 239—327.
Corsette, Douglas F., to Calmar, Inc. Dispenser with stroke restricting overcap. 3,216,624, 11–9–65, Cl. 222—182.
Corsette, Douglas F., to Calmar, Inc. Protective overcap and stop means for a dispenser. 3,216,625, 11–9–65, Cl. 222—182.
Corsette, Douglas F., and R. C. Cooprider, to The Drackett Co. Protective cap for a liquid dispenser. 3,167,217, 1–26–65, Cl. 222—182.
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Cortina, Anthony. Replaceable heel for shoes. 3,193,949, 7–13–65, Cl. 36—42.
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Cory, Howard E., to General Electric Co. Feedback failure protection for motor in crane control system. 3,179,869, 4–20–65, Cl. 318—257.
Coryell, George M., and H. H. Fogler, to Eastman Kodak Co. Dimensionally stable gelatin-containing film product. 3,201,250, 8–17–65, Cl. 96—87.
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Costabello, Dino, F. Minisci, G. Boffa, and G. Belvedere, to Montecantini-Societa Generale per l'Industria Mineraria e Chimica. Process for the purification of terephthalic acid. 3,205,260, 9–7–65, Cl. 260—525.
Costain, Thomas S., E. L. Weinberg, A. H. Luley, and R. R. Danielson, to American Can Co. Zirconium silicate opacified ceramic glaze compositions. 3,210,204, 10–5–65, Cl. 106—48.
Costakis, Andrew L., to National Steel Corp. Edge position control of strip material in furnaces. 3,175,813, 3–30–65, Cl. 263—3.
Costakis, Andrew L., to National Steel Corp. Method and apparatus for controlling the position of strip material in furnaces. 3,188,063, 6–8–65, Cl. 263—3.
Costantini, Anthony R., and A. Di Angelus, to Victory Metal Mfg. Co. d.b.a. Victory Metal Mfg. Corp. Refrigerator cabinet construction. 3,177,988, 4–13–65, Cl. 189—36.
Costantini, Anthony R., and A. Di Angelus. Refrigerator construction. 3,178,902, 4–20–65, Cl. 62—237.
Costantini, Anthony R., and A. D. Angelus, to Victory Metal Mfg. Co., d.b.a. Victory Mfg. Corp. Shelf retaining means. 3,186,364, 6–1–65, Cl. 108—146.
Costantini, Anthony R., and A. Di Angelus, to Victory Metal Mfg. Co. d.b.a. Victory Metal Mfg. Corp. Support construction for removable shelves and the like. 3,219,405, 11–23–65, Cl. 312—351.
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Costenbader, Earl A., and P. G. Durkin, to Bethlehem Steel Corp. Fluid fuel injection apparatus for blast furnace. 3,186,471, 6–1–65, Cl. 158—76.
Costes, Didier, to Commissariat a l'Energie Atomique. Locking structures. 3,165,349, 1–12–65, Cl. 294—97.
Costes, Didier, to Commissariat a l'Energie Atomique. Cooling circuit for a liquid-moderator nuclear reactor. 3,206,-368, 9–14–65, Cl. 176—37.
Costes, Didier, to Commissariat a l'Energie Atomique. Fire extinguishing system for nuclear reactors. 3,207,672, 9–21–65, Cl. 176—38.
Costes, Didier, to Commissariat a l'Energie Atomique. Reflectors for nuclear reactors having removable solid moderator elements. 3,219,540, 11–23–65, Cl. 176—42.
Costes, Didier, N. Laurent, and A. Peuchmaur, to Commissariat a l'Energie Atomique. Nuclear reactor fuel channel assembly with non-return device. 3,175,957, 3–30–65, Cl. 176—87.
Costes, Didier, and J. Lebey, to Commissariat a l'Energie Atomique. Nuclear reactor control device. 3,192,123, 6–29–65, Cl. 176—86.
Costes, Didier, and R. Lemaitre, to Commissariat a l'Energie Atomique. Liquid moderator nuclear reactors. 3,216,902, 11–9–65, Cl. 176—38.
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Cottle, Delmer L., and L. S. Minckler, Jr., to Esso Research and Engineering Co. Vulcanization of halogenated rubbery polymers. 3,196,135, 7–20–65, Cl. 260—79.5.

Cottle, Delmer L., I. J. Gardner, A. L. Miller, and L. S. Minckler, Jr., to Esso Research and Engineering Co. Overcoming metal soap inhibition of halogenated butyl rubber cure. 3,203,914, 8–31–65, Cl. 260—23.7.

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Counsell, Raymond E., and P. D. Klimstra, to G. D. Searle & Co. 17-oxygenated 2β,19-epoxy-5α-androstan-3α-ols ethers and esters thereof. 3,170,922, 2–23–65, Cl. 260—239.55.

Counsell, Raymond E., and P. D. Klimstra, to G. D. Searle & Co. 17-oxygenated 5α-androstan-19-ols and esters thereof. 3,184,487, 5–18–65, Cl. 260—397.4.

Counsell, Raymond E., and P. D. Klimstra, to G. D. Searle & Co. 17α-(aralkyl)estra-1,3,5(10)-triene-3,17β-diols, intermediates thereto, and esters corresponding. 3,193,564, 7–6–65, Cl. 260—397.5.

Counsell, Raymond E., and P. D. Klimstra, to G. D. Searle & Co. 17-oxygenated androst-2-en-19-ols and esters thereof. 3,200,133, 8–10–65, Cl. 260—397.4.

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Hubbard, Winchester L., Smith, and Covey. 3,179,685.
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Covey, Rupert A., A. E. Smith, and W. L. Hubbard, to United States Rubber Co. Mixed sulfite esters of acyclic alkynyl alcohols and alkanols or phenols. 3,179,684, 4–20–65, Cl. 260—456
Covey, Rupert A., A. E. Smith, and W. L. Hubbard, to United States Rubber Co. Mixed sulfite esters of alkynyl alcohols and glycol ethers. 3,179,686, 4–20–65, Cl. 260—456.
Covey, Rupert A., A. E. Smith, and W. L. Hubbard, to United States Rubber Co. Mixed sulfite esters of aromatic glycol ethers and aliphatic glycol ethers. 3,179,687, 4–20–65, Cl. 260—456.
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Covington, Robert A., Jr., B. K. Daubenspeck, and G. R. Eckstein, to Remington Arms Co., Inc. Method and apparatus for producing plastic tubular members. 3,198,866, 8–3–65, Cl. 264—297.
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Cowan, Jack C., H. G. Gainey, and H. M. Oyler, III, to National Lead Co. Molding sand. 3,210,203, 10–5–65, Cl. 106—38.35.

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Cowan, Robert E., to United States of America, Atomic Energy Commission. Copper metallizing of alumina ceramics. 3,180,756, 4–27–65, Cl. 117—227.

Cowan, Robert E., to United States of America, Atomic Energy Commission. Metallizing process for ceramics. 3,189,476, 6–15–65, Cl. 117—22.

Cowan, William G., to J. H. Carruthers & Co. Ltd. Method of making box-section structural elements. 3,167,851, 2–2–65, Cl. 29—155.

Cowan, William G., to J. H. Carruthers & Co. Ltd. Suction pipes for use in pumping liquid from containers. 3,223,039, 12–14–65, Cl. 103—2.

Cowan, William G., to J. H. Carruthers & Co. Ltd. Overhead travelling crane. 3,223,248, 12–14–65, Cl. 212—17.

Cowan, William L., to Scientific Products Inc. Overload-responsive electric switch-operating device. 3,217,128, 11–9–65, Cl. 200—153.

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Cowans, Kenneth W., to Hughes Aircraft Co. Thermal oscillation filter. 3,188,830, 6–15–65, Cl. 62—259.

Cowden, Robert H., to Continental Oil Co. Removal of elemental sulfur from hydrocarbons. 3,185,641, 5–25–65, Cl. 208—226.

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Cowels, Clinton J., Jr. Apertured game board with selectively rotatable pegged playing pieces. 3,222,068, 12–7–65, Cl. 273—134.

Cowen, Frank M., and G. Bellis, to American Cyanamid Co. Betaines. 3,225,074, 12–21–65, Cl. 260—404.5.

Cowen, Richard G., to United States of America, Atomic Energy Commission. High directivity solid curtain perimeter intrusion system. 3,183,499, 5–11–65, Cl. 340—258.

Cowen, Richard G., to United States of America, Atomic Energy Commission. Light sensitive alarm system. 3,191,043, 6–22–65, Cl. 250—221.

Cowen, Richard G., to United States of America, Atomic Energy Commission. Light sensitive alarm system. 3,191,048, 6–22–65, Cl. 250—221.

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Cowie, Ira C. Metal detector for pneumatic tires of automotive vehicles. 3,197,733, 7–27–65, Cl. 340—52.

Cowie, William J., to Transparent Packing Ltd. Apparatus for aplying a tear strip to plastic tubing. 3,191,507, 6–29–65, Cl. 93—1.

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Cowles, Warren H., and R. L. Ensinger, to Holley Carburetor Co. Compressor bleed actuator. 3,166,989, 1–26–65, Cl. 91—359.

Cowles, Warren H., J. Alberani, and R. L. Ensinger, to Holley Carburetor Co. Fuel control system for fuel burning engines. 3,171,420, 3–2–65, Cl. 137—18.

Cowles, Warren H., and J. E. Smith, to Holley Carburetor Co. Turbine engine fuel control. 3,183,957, 5–18–65, Cl. 158—36.4.

Cowley, Charles H., to Libbey-Owens-Ford Glass Co. Method and apparatus for producing all-glass multiple sheet glazing units. 3,207,589, 9–21–65, Cl. 65—58.

Cowley, Harold R.: *See*—
Green, Rowland P., and Cowley. 3,190,621.

Cowley, Harold R., to Stothert & Pitt, Ltd. Pan type concrete mixers. 3,168,296, 2–2–65, Cl. 259—178.

Cowley, Harold R., to Stothert & Pitt, Ltd. Vibratory roller having improved driving means. 3,195,429, 7–20–65, Cl. 94—50.

Cowley, John J., to Veko Industries Ltd. Apparatus for brewing coffee. 3,194,147, 7–13–65, Cl. 99—283.

Cowley, Percy E. A., to Shell Oil Co. Method and apparatus for determining the dynamic response of a system. 3,177,347, 4–6–65, Cl. 235—151.

Cowley, Philip G.: *See*—
Brightman, John W., Cowley, and Loop. 3,170,176.

Cowley, William T. Food mixture depositing machine. 3,178,073, 4–13–65, Cl. 222—267.

Cowling, Robert E. Mowing apparatus with a mower head universally supported by an extensible boom. 3,221,482, 12–7–65, Cl. 56—25.4.

Cowlishaw, Frank, to W. E. & F. Dobson Ltd. Hydraulic roof supports. 3,197,168, 7–27–65, Cl. 248—354.

Cox, Alan J., to The Birmingham Small Arms Co. Ltd. Programing device for operating a control circuit of an automatic machine. 3,176,090, 3–30–65, Cl. 200—46.

Cox, Alvon R., and A. E. Hosier, to The Faultless Rubber Co. Method of making hollow articles. 3,165,565, 1–12–65, Cl. 264—161.

Cox, Alvon R., and A. E. Hosier, deceased (by E. Hosier, executrix), to The Faultless Rubber Co. Method of and apparatus for making hollow articles. 3,201,829, 8–24–65, Cl. 18—26.

Cox, Bradley G., to Baker Perkins Inc. Means for effecting the relative movement of a centrifugal separator basket and pusher. 3,171,809, 3–2–65, Cl. 210—376.

Cox, Bradley G., to Baker Perkins, Inc. Fluid treating centrifugal apparatus and methods. 3,219,264, 11–23–65, Cl. 233—13.

Cox, Darwin S. Self-adjusting, releasable appliance mounting structure. 3,210,776, 10–12–65, Cl. 4—187.

Cox, De Witt C., to The Lug-All Co. Rapid lowering winch-hoist. 3,198,487, 8–3–65, Cl. 254—167.

Cox, Donald G., G. A. Edwards, Jr., M. Hausz, and C. L. Turner, to Gemco Mfg. Corp. Drop-bottom container. 3,219,381, 11–23–65, Cl. 294—69.

Cox, Earle F., to Chemetron Corp. Welding machine for rails or the like. 3,204,079, 8–31–65, Cl. 219—101.

Cox, Eugene F.: *See*—
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Cox, Eugene F., W. H. Cook, and F. Hostettler, to Union Carbide Corp. Vicinal epoxide adducts of phenol-aromatic amineformaldehyde condensation products. 3,186,969, 6–1–65, Cl. 260—51.5.

Cox, Eugene F., and F. Hostettler, to Union Carbide Corp. Polymerization of cyclic esters. 3,190,858, 6–22–65, Cl. 260—78.3.

Cox, Eugene F., and F. Hostettler, to Union Carbide Corp. Tricyclodecane amino polyols. 3,219,697, 11–23–65, Cl. 260—563.

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Smith, William S., Jr., and Cox. 3,185,327.

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Cox, Frederick M. Capillary tube blood collector. 3,186,236, 6–1–65, Cl. 73—425.6.

Cox, George R., to J. P. Devine Mfg. Co. Process and apparatus for freeze dehydrating of food material. 3,178,829, 4–20–65, Cl. 34—5.

Cox, Henry L., Jr., to Westinghouse Electric Corp. System for utilizing intelligence signals to perform control functions. 3,209,229, 9–28–65, Cl. 320—1.

Cox, Herbert F., Jr. Liners. 3,178,063, 4–13–65, Cl. 222—105.

Cox, Isaac E.: *See*—
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Patton, Robert H., Cox, and Stich. 3,180,746.

Cox, James R., to Jersey Production Research Co. System for analysis of electric signals including parallel filter channels. 3,167,710, 1–26–65, Cl. 324—77.

Cox, James R., and J. D. Merryman, to Self-Organizing Systems, Inc. Low frequency difference amplifier utilizing electrochemical integrating device. 3,210,672, 10–5–65, Cl. 330—3.

Cox, James V. Container. 3,195,752, 7–20–65, Cl. 215—1.

Cox, Jay A., to Gulton Industries, Inc. Method of making a shielded transformer. 3,201,854, 8–24–65, Cl. 29—155.57.

Cox, Jerome R., Jr. Collision avoidance system. 3,217,321, 11–9–65, Cl. 343—7.5.

Cox, Joe L. Closure construction. 3,194,454, 7–13–65, Cl. 222—545.

Cox, John B., to Socony Mobil Oil Co., Inc. Well control system. 3,172,425, 3–9–65, Cl. 137—610.

Cox, John L., 2d. Electric circuit arrangement. 3,191,005, 6–22–65, Cl. 219—528.

Cox, John R., and L. F. Smrekar, to Balas Collet Mfg. Co. Adjustable tool holder. 3,174,766, 3–23–65, Cl. 279—6.

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Cox, Peter F., to Rose Bros. (Gainsborough) Ltd. Formation of packages. 3,165,869, 1–19–65, Cl. 53—62.

Cox, Rex E., and M. S. Wheeler, to United States of America, Navy. Frequency independent backup cavity for spiral antennas. 3,192,531, 6–29–65, Cl. 343—895.

Cox, Robert B., to Aerojet-General Corp. Rocket hydrofuel container with chemical heating device. 3,181,937, 5–4–65, Cl. 44—2.

Cox, Robert E., and J. F. Sullivan, to Deere & Co. Reversible disk plow. 3,186,496, 6–1–65, Cl. 172—211.
Cox, Robert M., and R. F. Griswold, to Weston Hydraulics, Ltd. Electro-hydraulic servo valve. 3,223,104, 12–14–65, Cl. 137—85.
Cox, Robert N., and L. A. Ficken, to Universal Match Corp. Dispenser with article elevator. 3,193,138, 7–6–65, Cl. 221—116.
Cox, Shaun M. Apparatus for producing an electrical component having a current conductive path formed on an insulating substrate. 3,206,590, 9–14–65, Cl. 219—384.
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Cox, Wilma W. Safety helmet liner and assembly. 3,205,508, 9–14–65, Cl. 2—3.
Coxe, Charles D., and A. S. McDonald, Jr., to Handy & Harman. Process for internally oxidation-hardening alloys, and alloys and structures made therefrom. 3,184,835, 5–25–65, Cl. 29—182.5.
Coy, Truman, to Sperry Rand Corp. Die structure. 3,181,405, 5–4–65, Cl. 83—123.
Coy, Walter E. Hinged double flight conveyer. 3,182,784, 5–11–65, Cl. 198—99.
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Coyle, Forrest E., and P. E. Atkinson, Jr., to United States of America, Navy. Replaceable sensor test device. 3,171,281, 3–2–65, Cl. 73—431.
Coyle, Forrest E., and F. P. Hodges, to United States of America, Navy. Acoustic absorber pad. 3,185,868, 5–25–65, Cl. 310—8.2.
Coyle, Martin A., and T. R. Dinsmore, said Dinsmore assor. to said Coyle. Voting machines. 3,214,092, 10–26–65, Cl. 235—51.
Coyle, Michael J.: *See*—
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Coyle, Michael J., to United States of America, Army. Pulse generator employing plural pulse-forming-networks with pulse producing means for cancellation of undesirable reflected pulse. 3,185,928, 5–25–65, Cl. 328—65.
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Coyne, Gerard G., to General Electric Co. Heat pump comprising rotary compressor including injection cooling arrangement. 3,210,958, 10–12–65, Cl. 62—324.
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Cozzoli, Joseph M., to Cozzoli Machine Co. Vial loading apparatus. 3,207,286, 9–21–65, Cl. 198—25.
Cozzoli, Joseph M., and H. F. Scribner, to Cozzoli Machine Co. Apparatus for charging containers with liquid. 3,205,920, 9–14–65, Cl. 141—90.
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Cozzoli, Joseph M., and Scribner. 3,205,920.
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Cozzoli, Michael. Helicopter cargo hook. 3,208,787, 9–28–65, Cl. 294—83.
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Crabbe, Pierre, to Syntex Corp. 16-acetyl pregnane derivatives. 3,189,620, 6–15–65, Cl. 260—397.4.
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Crager, Richard W., and F. J. Morris, to Angeles Machine & Welding Corp. Extendible mobile scaffolds. 3,180,450, 4–27–65, Cl. 182—14.
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Craig, Burnie J. Safety razor for receiving blades from a magazine. 3,178,814, 4–20–65, Cl. 30—62.
Craig, Burnie J. Injector razor with blade adjustment, 3,203,091, 8–31–65, Cl. 30—62.
Craig, Burnie J. Adjustable injector razor. 3,203,092, 8–31–65, Cl. 30—62.
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Craig, Francis A., and E. F. Cloutier, to Textile Machine Works. Adhesive applicator for carton sealing machines. 3,190,259, 6–22–65, Cl. 118—2.
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Craig, Richard A., to United Aircraft Corp. Hardcoated mold press die. 3,213,491, 10–26–65, Cl. 18—16.5.
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Craig, Robert D., E. Willdig, and F. E. Bancroft, to Associated Electrical Industries Ltd. Variable slit systems for mass spectrometer ion sources. 3,187,179, 6–1–65, Cl. 250—41.9.
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Craig, Robert D., and E. Willdig, to Associated Electrical Industries Ltd. Ion source for mass spectrometers with means to separately mount electrodes of different potential. 3,217,160, 11–9–65, Cl. 250—41.9.
Craig, Robert D., and B. N. Green, to Associated Electrical Industries Ltd. Mass spectrometer arc-type ion source having electrode cooling means. 3,226,542, 12–28–65, Cl. 250—41.9.

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Crain, Donald L., R. F. Kleinschmidt, and J. E. Mahan, to Phillips Petroleum Co. Cyclododecadienyl mercaptans and thioethers. 3,223,738, 12–14–65, Cl. 260—609.
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Cramer, Robert H., and A. F. Houser, to Socony Mobil Oil Co. Process for removing metal poisons from hydrocarbon conversion catalysts. 3,220,956, 11–30–65 Cl. 252—413.
Cramer, Robert L., to The Bendix Corp. Pressurization system for a sealable enclosure. 3,169,466, 2–16–65, Cl. 98—1.5.
Cramer, Sydney, R. S. Feldstein, A. G. Jacobson, and L. Staschover, to North Hills Electronics, Inc. Light display with sound signal control. 3,226,601, 12–28–65, Cl. 315—210.
Cramer, Thomas F., to Holley Carburetor Co. Hydraulic speed and temperature governing system. 3,199,522, 8–10–65, Cl. 137—20.
Cramp, Alan P., to California Research Corp. High gloss retaining asphalts containing phenolformaldehyde resin. 3,189,572, 6–15–65, Cl. 260—28.
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Crandall, John W., to Union Carbide Corp. Recovery of acrolein from propionaldehyde by extractive distillation. 3,220,932, 11–30–65, Cl. 202—39.5.
Crandall, Loid. Tire repair tool and method. 3,175,432, 3–30–65, Cl. 81—15.7.
Crandell, Frank F., to Photo Research Corp. Ultrasensitive color and exposure photometer. 3,180,209, 4–27–65, Cl. 88—23.
Crandell, Roy L., to Yale & Towne, Inc. Electromagnetic door holder and stop. 3,204,154, 8–31–65, Cl. 317—159.
Crandell, Roy L., to Yale & Towne, Inc. Mortise lock. 3,211,486, 10–12–65, Cl. 292—348.
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McInerney, John A. 3,167,088.
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Crane, Hewitt D., to General Electric Co. Waveshape recognition system. 3,178,582, 4–13–65, Cl. 307—88.
Crane, Hewitt D., to Burroughs Corp. Magnetic core storage and transfer apparatus. 3,204,223, 8–31–65, Cl. 340—174.
Crane, Jack W., to Sperry Rand Corp. Harvesting apparatus. 3,166,026, 1–19–65, Cl. 107—14.
Crane, Jack W., to Sperry Rand Corp. Hopper-screw feed. 3,193,083, 7–6–65, Cl. 198—64.
Crane, Lawrence S., to The Bendix Corp. Detector of phase differences between currents of different frequencies. 3,187,262, 6–1–65, Cl. 328—133.
Crane, Leland L., D. G. Noiles, and G. Miale, to Westinghouse Electric Corp. Method and apparatus for welding a grid frame. 3,206,586, 9–14–65, Cl. 219—58.
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Crane, Robert A., and J. F. Voeks, to The Dow Chemical Co. Apparatus for measuring physical changes and progress of liquid chemical reactions. 3,210,159, 10–5–65, Cl. 23—252.
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Crane, William B., Jr., to Union Bag-Camp Paper Corp. Combination three-dimensional article and closed display package therefor. 3,185,295, 5–25–65, Cl. 206—45.31.
Crane, William B., Jr., to United Shoe Machinery Corp. Apparatus and method for forming and closing a display package. 3,195,284, 7–20–65, Cl. 53—30.
Crane, William B., Jr., to Ex-Cell-O Corp. Birdhouse assembly kit and birdhouse constructed therefrom. 3,198,172, 8–3–65, Cl. 119—23.
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Read, Douglas E., Cranford, and Petricola. 3,210,240.
Crank, Joe B., and W. F. Donnell, to Texas Instruments Inc. Shift register device. 3,182,295, 5–4–65, Cl. 340—174.
Crankshaw, Edwin, and J. E. Stricklin, to Clevite Corp. Bearing for rotating member. 3,212,831, 10–19–65, Cl. 308—22.
Crankshaw, John H. Parking meter support. 3,193,230, 7–6–65, Cl. 248—160.
Cranskens, Georg, and U. Thurat, to Lumoprint Zindler K.G. Devices for the production of copies. 3,221,621, 12–7–65, Cl. 95—1.7.
Cranston, Albert E., Jr. and W. C., D. A. Enstad, and W. J. Rowell, to Warrenton Marine Services, Inc. Preformed loop type binding machine. 3,179,037, 4–20–65, Cl. 100—4.
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Craven, Herman R., to The Vendo Co. Article advancement mechanism for inclined shelf vending machine. 3,190,492, 6–22–65, Cl. 221—87.
Craven, Jack L., A. M. Hedglin, D. T. Craven, J. B. McCarville, and R. L. Sweeney, to Electro-Photo Corp. Apparatus for simultaneously photographing identification portrait and printed material. 3,223,007, 12–14–65, Cl. 95—1.1.
Craven, Robert B., to Raytheon Co. Waveform generating circuits. 3,219,875, 11–23–65, Cl. 315—27.
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Craven, Wilbur J., and D. N. Dewey, to The Capewell Mfg. Co. Quick-release connector. 3,200,463, 8–17–65, Cl. 24—230.
Craver, Edward H., to Western Electric Co., Inc. Apparatus for positioning components. 3,170,232, 2–23–65, Cl. 29—271.
Craver, Joseph N., Jr., to Union Carbide Corp. Thermoplastic coated materials and the method of and apparatus for forming the same. 3,215,578, 11–2–65, Cl. 156—244.
Crawford, Alan E., to Elliott Bros. (London) Ltd. Apparatus for effecting ultrasonic cleaning of internal conduit surfaces. 3,175,567, 3–30–65, Cl. 134—169.
Crawford, Arthur B., to Bell Telephone Laboratories, Inc. Antenna structures for communication satellites. 3,184,-743, 5–18–65, Cl. 343—100.
Crawford, Arthur R., T. Ongaro, W. R. Rushin, and R. E. Ellis, to International Research and Development Corp. Balancing machine. 3,173,458, 3–16–65, Cl. 141—67.
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Crawford, David J., to International Business Machines Corp. Magnetic memory noise reduction system. 3,191,163, 6–22–65, Cl. 340—174.
Crawford, David J., to International Business Machines Corp. Magnetic matrix memory system. 3,209,337, 9–28–65, Cl. 340—174.
Crawford, David M., to American Bosch Arma Corp. Window wiper mechanism. 3,169,266, 2–16–65, Cl. 15—250.17.
Crawford, Duncan J., and M. W. Miller, to Ex-Cell-O Corp. Gable top container closure. 3,185,376, 5–25–65, Cl. 229—17.
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Crawford, George H., Jr., to Minnesota Mining and Mfg. Co. Fluorine-containing nitrosoalkanes and the method of making same. 3,213,009, 10–19–65, Cl. 204—158.
Crawford, George H., Jr., D. E. Rice, and D. R. Yarian, to Minnesota Mining and Mfg. Co. Chemical process for making halogenated compounds. 3,192,246, 6–29–65, Cl. 260—466.
Crawford, George H., Jr., D. E. Rice, and D. R. Yarian, to Minnesota Mining and Mfg. Co. Aliphatic halogen-containing omega nitroso acyl nitrites. 3,192,247, 6–29–65, Cl. 260—466.
Crawford, George H., Jr., D. E. Rice, and D. R. Yarian, to Minnesota Mining and Mfg. Co. Aliphatic halogen-containing omega nitroso carboxylic acids. 3,192,260, 6–29–65, Cl. 260—539.
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Crawford, Herman E., and J. H. Wells, to H. E. Crawford Co., Inc. Machine for knitting plate and float patterns. 3,181,313, 5–4–65, Cl. 66—42.
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Crawford, Jack A., and J. H. Gregory, to United States of America, Navy. All-weather projectile fire control system-director mode. 3,181,147, 4–27–65, Cl. 343—7.
Crawford, Jack A., and W. H. Woodworth, to United States of America, Navy. Scanner system. 3,223,777, 12–14–65, Cl. 178—5.4.
Crawford, Jack F., to Coulter Electronics, Inc. Time interval indicator having a rotatable transparent plate concentric with a fixed calibrated plate. 3,187,319, 6–1–65, Cl. 340—309.1.
Crawford, James C., Jr., and R. L. Hartwell, to Johns-Manville Corp. Method of making insulated hose clamps. 3,196,535, 7–27–65, Cl. 29—446.
Crawford, James R., to Crawford & Russell, Inc. Material treatment apparatus. 3,206,287, 9–14–65, Cl. 23—285.
Crawford, James R. Drying method and apparatus. 3,212,-197, 10–19–65, Cl. 34—10.
Crawford, Jasper, Jr. Nail puller. 3,169,010, 2–9–65, Cl. 254—19.
Crawford, John J. and R. L. Automatic self bunching and dispensing bale carrier. 3,170,584, 2–23–65, Cl. 214—504.
Crawford, John K., and C. M. Pietras, to International Business Machines Corp. Byte-converter error-check circuit. 3,200,242, 8–10–65, Cl. 235—153.
Crawford, Louis L., and B. S. Harrington, Jr., to Chemetron Corp. Meat casing clamp. 3,182,365, 5–11–65, Cl. 24—30.5.
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Crawford, Richard D., to Hewlett-Packard Co. Beat-frequency oscillator. 3,168,711, 2–2–65, Cl. 331—39.
Crawford, Robert J., R. Sobel, and G. Hebbel, to Allied Chemical Corp. Removal of soluble after-precipitate from concentrated phosphoric acid. 3,206,282, 9–14–65, Cl. 23—165.
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Crawford, Robert S., and S. E. Manecke, to Robertshaw Controls Co. Thermostat with cam-actuated auxiliary switch. 3,178,539, 4–13–65, Cl. 200—140.
Crawford, Robert T., and J. B. Stevens, to Eastman Kodak Co. Apparatus for the manufacture of uniformly crimped filter tow. 3,220,083, 11–30–65, Cl. 28—1.
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Crawford, Thomas E. Dispenser for instant coffee and the like. 3,185,190, 5–25–65, Cl. 141—360.
Crawford, Thomas H., B. F. Ehrlich, and J. R. Ording, to Esso Production Research Co. Automatic gain level adjuster 3,185,930, 5–25–65, Cl. 328—175.
Crawford, Thomas H., B. F. Ehrlich, and J. R. Ording, to Esso Production Research Co. Function generator. 3,215,-929, 11–2–65, Cl. 323—43.5.
Crawford, Thomas J., to Union Carbide Corp. Electric percussion-welding of surface layers. 3,200,234, 8–10–65, Cl. 219—76.
Crawford, Wiley C., Jr., and R. H. Gundelfinger, to Warner-Lambert Pharmaceutical Co. Fraction collector. 3,185,211, 5–25–65, Cl. 165—71.
Crawford, William, and J. A. H. Wood, to Socony Mobil Oil Co., Inc. Metal working lubricant. 3,167,511, 1–26–65, Cl. 252—48.8.

Crawford, William A., to E. I. du Pont de Nemours and Co. Drafting board assembly. 3,189,393, 6–15–65, Cl. 312—231.

Crawford, William R., and W. R. Danielson, to Whirlpool Corp. Temperature regulating apparatus. 3,174,291, 3–23–65, Cl. 62—3.

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Crawley, Raymond, and J. P. Fullam, to Jarry Hydraulics Ltd. Dual-position lockable actuator. 3,180,234, 4–27–65, Cl. 92—5.

Craycraft, Lester V., to United States of America, Navy. Mechanical spike pulse filter for shock machine. 3,190,110, 6–22–65, Cl. 73—12.

Crayford, Robert M., to Electro-Logic Corp. Signal converter systems. 3,164,825, 1–5–65, Cl. 340—347

Creagan, Robert J., to Westinghouse Electric Corp. Heterogeneous breeder or converter type neutronic reactor. 3,211,-621, 10–12–65, Cl. 176—18.

Creager, Billy N. Flexible mullion. 3,210,808, 10–12–65, Cl. 20—56.3.

Creager, Jack H. Rotary internal combustion engine. 3,220,-387, 11–30–65, Cl. 123—13.

Creamer, Edgar M., Jr., and H. H. Wilson, Jr., to Philco Corp. Signal responsive load energization system. 3,193,-706, 7–6–65, Cl. 307—88.5.

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Creamer, Merle T., and A. J. Guest. Stoppering element. 3,195,757, 7–20–65, Cl. 215—73.

Creamer, Robert W., to Numeric Systems of Texas, Inc. Automatic punch press. 3,221,901, 12–7–65, Cl. 214—1.5.

Creamer, Robert M., and L. Weissbecker, to Philip Morris Inc. Method of making polyethylene coated razor blades. 3,224,-900, 12–21–65, Cl. 117—119.

Crean, John E., to The Carborundum Co. Abrasive disc. 3,186,135, 6–1–65, Cl. 51—394.

Creasey, Norman S. Bobber with line attaching and storing means. 3,168,790, 2–9–65, Cl. 43—43.11.

Creative Displays Inc: *See*—
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Cree, George B., Jr. Underground shelter. 3,173,387, 3–16–65, Cl. 109—1.

Creech, Barnard C., L. V. Collings, and P. Shapiro, to Sinclair Research, Inc. Aqueous ammonical solution containing a complex arsenic compound. 3,168,392, 2–2–65, Cl. 71—59.

Creech, Raymond J.: *See*—
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Creed & Co. Ltd.: *See*—
Mason, Frederick P. 3,194,886.
Mason, Frederick P., Stevens, and Smith. 3,201,512.
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Creed, Sherman H., D. F. Schlueter, and J. Stevenson, Jr., to Illinois Tool Works Inc. Container pack forming machine. 3,204,386, 9–7–65, Cl. 53—48.

Creed, Sherman H., and J. L. Reimers, to FMC Corp. Fruit trimming apparatus. 3,211,203, 10–12–65, Cl. 146—81.

Creed, Sherman H., and J. L. Reimers, to FMC Corp. Fruit orienting apparatus. 3,219,168, 11–23–65, Cl. 198—33.

Creedle, Fred W., to American Brake Shoe Co. Railroad car retarders. 3,168,166, 2–2–65, Cl. 188—62.

Creedon, John E., S. Schneider, and M. H. Zinn, to United States of America, Army. Conversion of heat to electricity. 3,175,105, 3–23–65, Cl. 310—4.

Creeger, Larry D., and W. S. Neff, to Westinghouse Electric Corp. Fail-safe bearing structure. 3,183,043, 5–11–65, Cl. 308—1.

Creel, Jack R. Ledger handrest for bookkeepers. 3,190,267, 6–22–65, Cl. 120—54.

Creelman, Edmund W., to C. W. Zumbiel Co. Convertible article carrier and storage unit. 3,198,379, 8–3–65, Cl. 220—113.

Creglow, Loran A., to United States Smelting Refining and Mining Co. Method for producing metallurgical coke and metal-coke from both coking and non-coking coals. 3,185,-635, 5–25–65, Cl. 202—15.

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Creighton, John P., D. Harris, and V. R. Slimm, to Ford Motor Co. Hydrostatic transmission. 3,213,619, 10–26–65, Cl. 60—53.

Creighton, Martha M., W. Leimgruber, and W. Wenner, to Hoffmann-La Roche Inc. Isoquinoline acetamides and acetonitriles. 3,207,759, 9–21–65, Cl. 260—283.

Creighton, Peter J., M. Nadler, and H. N. Wells, to Esso Research and Engineering Co. Recovering ether diluent in liquid polydiolefin manufacture. 3,222,409, 12–7–65, Cl. 260—669.

Creighton, Stephen M., to Hooker Chemical Corp. Polymers of ethylenically unsaturated hydrocarbons containing C_{10}, Cl_{10}, O_{10} or C_{10}, H_2, O_3, SCl_{12} as fire retardants. 3,205,196, 9–7–65, Cl. 260—45.75.

Creighton, William M., S. O. Evans, and A. E. McMurdy, to The Babcock & Wilcox Co. Method of forming an internal rib in the bore of a tube. 3,213,525, 10–26–65, Cl. 29—157.3

Cremer, Frits, to Oak Rubber Co. Method and apparatus for stripping articles from forms. 3,176,059, 3–30–65, Cl. 264—335.

Cremer, Gottfried, H. Behrens, and W. Storbeck, to Fitok G.m.b.H. Process and apparatus for injecting liquid fuel. 3,217,780, 11–16–65, Cl. 158—77.

Cremer, Joseph, and F. Rodis, to Knapsack-Griesheim Aktiengesellschaft. Apparatus for chemical reactions. 3,185,638, 5–25–65, Cl. 204—312.

Cremer, Joseph, and F. Rodis, to Knapsack-Griesheim Aktiengesellschaft. Process for producing pure yellow phosphorus sulfides. 3,205,041, 9–7–65, Cl. 23—206.

Cremer, William C. Sewing machine with pattern attachment. 3,182,616, 5–11–65, Cl. 112—2.

Cremlyn, Richard J. C.-D., R. S. Elias, and M. J. A. Geoghegan, and J. T. Braunholtz, to Imperial Chemical Industries Ltd. N-trichloromethylthiohydantoins. 3,177,224, 4–6–65, Cl. 260—309.5.

Crepeau, Ernest, and S. Lapierre, 33⅓% to J. Dagenais (nee Deschamps). Tool for scraping and smoothing plastic and metal surfaces. 3,170,373, 2–23–65, Cl. 90—12.

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Cresap, Wesley L.: *See*—
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Natta, Giulio, Crespi, and Bruzzone. 3,194,849.
Natta, Giulio, Crespi, and Bruzzone. 3,198,778.

Crespi, Giovanni. Refractory linings for furnaces. 3,204,937, 9–7–65, Cl. 263—46.

Cressman, George W., to General Electric Co. Flash lamp. 3,199,316, 8–10–65, Cl. 67—31.

Cressy, Wesley P., and V. Geiger. Safe leaf disposal apparatus. 3,190,566, 6–22–65, Cl. 241—56.

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Long, Robert J. 3,164,731.

Creswick, Norman S., to Thomas J. Lipton, Inc. Beverage dispenser. 3,200,997, 8–17–65, Cl. 222—145.

Crete, Charles A.: *See*—
Spear, Herbert W. 3,225,527.

Creter, Frederick G., to The Singer Co. Handwheel for sewing machines. 3,225,624, 12–28–65, Cl. 74—573.

Creter, Frederick G., and S. J. Ketterer, to The Singer Co. Bobbins for sewing machines. 3,173,625, 3–16–65, Cl. 242—118.62.

Cretors, C., & Co.: *See*—
Cretors, Charles J. 3,167,453.

Cretors, Charles J., to C. Cretors & Co. Apparatus for producing candy coated popped corn and the like. 3,167,-453, 1–26–65, Cl. 118—19.

Cretsinger, Hiram W. Safety storage tray. 3,195,745, 7–20–65, Cl. 214—83.24.

Cretsinger, Hiram W. Carving attachment for radial arm saws. 3,211,061, 10–12–65, Cl. 90—13.1.

Crette, Serge: *See*—
Briault, Maurice H. F., and Crette. 3,193,354.

Creuels, Frans H., to Stamicarbon N.V. Resilient check valve. 3,168,107, 2–2–65, Cl. 137—525.

Creutz, Hans G.: *See*—
Leenders, Peter, and Creutz. 3,219,560.

Creveling, Cyrus J.: *See*—
Bean, Edward C., and Creveling. 3,166,647.

Crew, Richard F., to General Electric Co. Process for electrolytically depositing metallic material. 3,208,920, 9–28–65, Cl. 204—10.

Crewe, Albert V., to United States of America, Atomic Energy Commission. Scanning electron microscope. 3,191,028, 6–22–65, Cl. 250—49.5.

Crews, Cary A.: *See*—
Seray, Peter J., and Crews. 3,203,136.

Crew's Die Casting Corp.: *See*—
Dugas, Philip and D. A. 3,193,276.
Crews, John P., and A. L. De Haan, to United States of America, Navy. Nozzle. 3,210,933, 10–12–65, Cl. 60—35.6.
Crews, Kenneth G., and J. L. Mason, to The Garrett Corp. Protective recirculation means for heat exchangers. 3,203,475, 8–31–65, Cl. 165—40.
Crichton, Neil T., to Harbison-Walker Refractories Co. Refractory roof. Re. 25,903, 11–16–65, Cl. 110—99.
Crichton, Neil T., to Harbison-Walker Refractories Co. Furnace roof. 3,172,378, 3–9–65, Cl. 110—99.
Crichton, Neil T., to Harbison-Walker Refractories Co. Refractory roof. 3,187,696, 6–8–65, Cl. 110—99.
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Criddle, Dean W., to California Research Corp. Grease yields. 3,189,543, 6–15–65, Cl. 252—18.
Criddle, Dean W., to California Research Corp. Agents to improve yields of hydroxy stearate greases. 3,200,073, 8–10–65, Cl. 252—40.5.
Criddle, Ernest E., to Her Majesty the Queen in right of Canada, as represented by the Minister of National Defence. Pressure regulator having a crimpable valve element. 3,223,116, 12–14–65, Cl. 137—505.13.
Crider, Orin N., to Slick Industrial Co. Projection screen or shade construction. 3,175,602, 3–30–65, Cl. 160—23.
Crider, Orin N., to Slick Industrial Co. Shade roller construction. 3,192,993, 7–6–65, Cl. 160—324.
Criffield, Melvin E., to General Electric Co. Solenoid actuated pilot valve. 3,188,047, 6–8–65, Cl. 251—30.
Crile, Eugene E. Automatic mix regulating devices for cement block molding machines. 3,184,818, 5–25–65, Cl. 25—104.
Crile, Eugene E., W. R. Thomas, and C. W. Warmkssel. Pallet magazine loading device for concrete block producing machines. 3,182,818, 5–11–65, Cl. 214—6.
Crile, Eugene E., P. M. Thomas, and L. W. Wright. Pallet handling machine. 3,217,906, 11–16–65, Cl. 214—16.4.
Crilly, Ira B., to Emhart Corp. Method and apparatus for molding thermoplastic sheet material. 3,193,599, 7–6–65, Cl. 264—90.
Crim, Hugh S., to United Aircraft Corp. Free turbine engine control system. 3,180,426, 4–27–65, Cl. 170—135.74.
Crimmins, David J., to The Thomas & Betts Co. Device for securing connectors to conductors. 3,183,584, 5–18–65, Cl. 29—203.
Crinos Industria Farmacobiologica S.p.A.: *See*—
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Cripe, Alan R., to Reynolds Metals Co. Cargo supporting structures for bulk containers, trailers and the like. 3,200,549, 8–17–65, Cl. 32—376.
Cripe, Alan R., to Reynolds Metals Co. Building constructions and parts therefor or the like. 3,206,904, 9–21–65, Cl. 52—731.
Cripe, Maxwell L., to The Bendix Corp. Brake mechanism. 3,195,309, 7–20–65, Cl. 60—54.5.
Cripe, Maxwell L., to The Bendix Corp. Vacuum suspended booster brake mechanism. 3,201,177, 8–17–65, Cl. 303—6.
Cripe, Maxwell L., and C. N. French, to The Bendix Corp. Leveling valve. 3,165,327, 1–12–65, Cl. 280—6.1.
Cripe, Maxwell L., and R. R. Hager, to The Bendix Corp. Automotive cruise control. 3,207,252, 9–21–65, Cl. 180—82.1.
Crippen, Elverton J., Jr., deceased (E. Crippen, administratrix). Drill pointing machine. 3,167,887, 2–2–65, Cl. 51—55.
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Cripps, Harry N., to E. I. du Pont de Nemours and Co. Products of the reaction of an allene with a cyclopentadiene. 3,214,483, 10–26–65, Cl. 260—666.
Crisci, Victor E., to Mammoth Plastics, Inc. Snap-fit cover for flush-fill containers. 3,176,868, 4–6–65, Cl. 215—41.
Criscuolo, Andrew C. Drumstick. 3,175,450, 3–30–65, Cl. 84—422.
Criss, Filmore F., to United States of America, Atomic Energy Commission. Carbide coatings for graphite. 3,208,870, 9–28–65, Cl. 117—21.
Criss, Filmore F., and C. Wohlberg, to United States of America, Atomic Energy Commission. Carbide coatings on graphite. 3,208,872, 9–28–65, Cl. 117—95.
Crissey, Jackson R., to Ling-Temco-Vought, Inc. Flow-control device. 3,171,434, 3–2–65, Cl. 137—567.
Crissinger, Woodrow W., and E. W. Gray, to North Electric Co. Plunger operated magnetic electric switch. 3,175,060, 3–23–65, Cl. 200—67.
Crissy, Charles F., to Aeroquip Corp. High pressure hose fitting. 3,224,794, 12–21–65, Cl. 285—40.
Crissy, Robert J., and J. E. Gilligan, to Plastron, Inc. Credit card bearing printable signature indicia. 3,217,643, 11–16–65, Cl. 101—401.1.
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Criswell, Arthur D.: *See*—
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Hopner, Emil, Critchlow, and Dennard. 3,196,352.
Critchlow, Dale L., to International Business Machines Corp. Transmission systems. 3,209,261, 9–28–65, Cl. 325—58.
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Crites, Virgil C. 3,220,942.
Crites, Virgil C., to L. W. Crites. Method of controlling electrical properties of the sub-surface metallic structure of oil and gas wells. 3,220,942, 11–30–65, Cl. 204—147.
Crittenden, E. C., Jr., J. N. Cooper, A. J. Learn, and F. W. Schmidlin, to Thompson Ramo Wooldridge, Inc. Superconductive device. 3,204,211, 8–31–65, Cl. 338—32.
Crittenden, Eugene C., Jr.: *See*—
Cooper, John N., and Crittenden. 3,213,825.
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Botterud, Harry J., Jr., Crittenden, and Fulton. 3,166,059.
Croad, John G., Jr., to International Business Machines Corp. Ring counter checking circuit. 3,176,269, 3–30–65, Cl. 340—146.1.
Crocco, Luigi, D. T. Harrje, and F. H. Reardon, to United States of America, Navy. Expendable barrier. 3,174,283, 3–23–65, Cl. 60—35.6.
Crocker, H. S., Co., Inc.: *See*—
Le Vesconte, Ed. 3,220,542.
Potter, Galen D., and Peterson. 3,186,097.
Crocker, Theodore R.: *See*—
Davenport, Granger, Heimall, and Crocker. 3,168,005.
Crocker, Weyman S.: *See*—
Smoll, Allen E., and Crocker. 3,165,934.
Crocker, William G.: *See*—
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Crockett, David R., and L. Harris, to AMP Inc. Electrical contact assembly for electrical condensers. 3,192,457, 6–29–65, Cl. 317—260.
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Crockford, Jack A., F. A. Hayes, S. D. Feurt, J. H. Jenkins, and H. C. Palmer, to Palmer Chemical & Equipment Co., Inc. Injecting projectile. 3,209,695, 10–5–65, Cl. 102—92.
Croft, Arthur, and F. O. Ackroyd, to Crofts (Engineers) Ltd. Centrifugal clutches. 3,171,524, 3–2–65, Cl. 192—105.
Croft, Paul H., to Croft Trailer Co. Universally installable trailer hitch bumper clamp. 3,178,204, 4–13–65, Cl. 280—502.
Croft Trailer Co.: *See*—
Croft, Paul H. 3,178,204.
Crofts (Engineers) Ltd.: *See*—
Croft, Arthur, and Ackroyd. 3,171,524.
Crofutt, George B., Jr.: *See*—
Brooks, Chester E., Crofutt, and Sand. 3,165,590.
Croghan, Robert W., to The Thomas & Betts Co. Mounting and terminal block. 3,177,457, 4–6–65, Cl. 339—97.
Croghan, Robert W., to The Thomas & Betts Co. Electrical splicer block for ribbon type cables. 3,221,096, 11–30–65, Cl. 174—88.
Croisetiere, Joseph R. M., to Northern Electric Co. Ltd. Centrifugal self-cleaning snagger. 3,208,680, 9–28–65, Cl. 242—25.
Crom, Russell C. W., to International Minerals & Chemical Corp. Protective electrical system for remotely powered mobile machines. 3,196,316, 7–20–65, Cl. 317—18.
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Baker, Benjamin P., Cromer, and Aspey. 3,214,541.
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Cromer, Charles F., to Westinghouse Electric Corp. Fluid-blast circuit interrupters with retractable impedance probe. 3,164,705, 1–5–65, Cl. 200—148.
Cromer, Charles F., to Westinghouse Electric Corp. Fluid-blast circuit interrupters with pressure-actuated fluid directors. 3,214,545, 10–26–65, Cl. 200—148.
Cromleigh, Ralph G., and F. A. Paulus, to Consolidated Electrodynamics Corp. Tape apparatus. 3,185,970, 5–25–65, Cl. 340—174.1.
Crommen, Roger C. L., to Crouzet. Programming devices. 3,171,297, 3–2–65, Cl. 74—472.
Crompton & Knowles Corp.: *See*—
Gagliardo, John P. 3,224,467.
Gift, Harold C., and Procter. 3,170,757.
Hall, Kenneth J. 3,171,443.
Hall, Kenneth J. 3,191,634.
Krukonis, Alexander C., and Dolbeare. 3,194,276.
Nelson, Alden W. 3,177,527.
Nelson, Alden W. 3,182,921.
Stroop, John H. Re. 25,839.
Stroop, John H. 3,164,935.
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Crompton, Thomas E., to Monsanto Co. Laminated spinneret. 3,192,563, 7–6–65, Cl. 18—8.

Crompton, Thomas E., to Monstanto Co. Laminated spinneret. 3,204,290, 9–7–65, Cl. 18—8.
Cromwell, Harold J., to General Motors Corp. Automatic starting control. 3,167,659, 1–26–65, Cl. 290—38.
Cromwell, Harold J. Power driven lawn sweeper. 3,183,653, 5–18–65, Cl. 56—27.
Cromwell Paper Co., The: *See*—
Rupp, Richard O. 3,198,418.
Cromwell, Roy, and J. T. Bratton, to United States of America, Navy. Missile launcher detent. 3,187,631, 6–8–65, Cl. 89—1.7.
Croname, Inc.: *See*—
Umann, Harry M. 3,196,250.
Cronberger, Luther C., to The Dow Chemical Co. Well treating method. 3,189,088, 6–15–65, Cl. 166—25.
Cronberger, Luther C., to The Dow Chemical Co. Well treating method. 3,199,585, 8–10–65, Cl. 166—1.
Crone, Alfred F. Sealing element for pavement grooves. 3,179,026, 4–20–65, Cl. 94—18.
Crone, Alfred F., to Acme Highway Products Corp. Groove filler. 3,180,238, 4–27–65. Cl. 94—18.
Crone, Alfred F., to Acme Highway Products Corp. Keyway-forming member for use on highway forms. 3,186,676, 6–1–65, Cl. 249—9.
Crone, Alfred F., to Acme Highway Products Corp. Transverse joints for pavements. 3,217,614, 11–16–65, Cl. 94—8.
Crone, Alfred F., to Acme Highway Products Corp. Joint support for pavements and method of applying the same. 3,217,615, 11–16–65, Cl. 94—17.
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Cronelid, Paul H., to Electrolux, Aktiebolaget. Heat operated absorption refrigerator. 3,170,310, 2–23–65, Cl. 62—490.
Cronemeyer, Donald C., to The Bendix Corp. Semiconductor triode. 3,225,272, 12–21–65, Cl. 317—235.
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Lindsjo, Anders F. N., and Cronhage. 3,211,010.
Cronheim, Richard B. Ladles. 3,208,144, 9–28–65, Cl. 30—324.
Cronin, Bernard. Seats. 3,183,558, 5–18–65, Cl. 20—1.126.
Cronk, Fred Y., Jr., to J. F. Winters. Quick opening coupling. 3,203,714, 8–31–65, Cl. 285—81.
Cronkright, Grant L. Ski tow device. 3,193,038, 7–6–65, Cl. 180—10.
Crook, Richard F., to Westinghouse Electric Corp. Fluid pressure seal assemblage. 3,206,216, 9–14–65, Cl. 277—23.
Crook, Troy N.: *See*—
Masterson, Horace T., Crook, and Reid. 3,185,958.
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Crookes, Le Roy W.: *See*—
Taylor, William D., and Crookes. Re. 25,898.
Crooks, Larry L., and J. J. Hirshfeld, to Monsanto Co. Spinning solutions composed of acrylonitrile polymers and fluoboric acid. 3,177,169, 4–6–65, Cl. 260—29.1.
Crooks, William R., to The Cooper-Bessemer Corp. Motor compressor unit. 3,184,155, 5–18–65, Cl. 230—139.
Crooks, William R., to The Cooper-Bessemer Corp. Gas turbine thrust compensating device. 3,188,808, 6–15–65, Cl. 60—39.16.
Crooks, William R., to The Cooper-Bessemer Corp. Gas compressor system. 3,204,859, 9–7–65, Cl. 230—56.
Crooks, William R., to The Cooper-Bessemer Corp. Two-cycle internal combustion engine. 3,207,136, 9–21–65, Cl. 123—1.
Crooks, William R., to The Cooper-Bessemer Corp. Flow control for screw compressors. 3,207,424, 9–21–65, Cl. 230—138.
Crookston, James A., N. E. Boyer, and C. M. Hodges, to A. P. Green Fire Brick Co. Metal cased refractory with protected suspending means. 3,187,694, 6–8–65, Cl. 110—99.
Crookston, James A., N. E. Boyer, and C. M. Hodges, to A. P. Green Fire Brick Co. Suspended metal clad refractory. 3,208,412, 9–28–65, Cl. 110—99.
Cropper, Wendell P., and T. L. Thourson, to Standard Oil Co. Apparatus for X-ray determination of metal in hydrocarbon fuel. 3,210,541, 10–5–65, Cl. 250—43.5.
Crosby, Alton L., M. S. De Lucia, S. J. Gartner, and H. D. Losey, to Sylvania Electric Products Inc. Method and apparatus for manufacture of electrodes. 3,187,785, 6–8–65, Cl. 140—71.5.
Crosby, Alton L., M. S. De Lucia, S. J. Gartner, and H. D. Losey, to Sylvania Electric Products Inc. Method and apparatus for manufacture of electrodes. 3,191,637, 6–29–65, Cl. 140—71.5.
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Johnson, Herbert E., and Crosby. 3,190,917.
Crosby, Edward L., Jr., to Electro-Mechanical Research, Inc. Coupling devices. 3,183,472, 5–11–65, Cl. 339—143.
Crosby-Frisian Fur Co.: *See*—
Adams, Floyd S. 3,167,356.
Crosby, Gifford W.: *See*—
Millikan, Allen F., and Crosby. 3,175,973.
Crosby, Hartzell L., and R. F. Kozich, to Door-Oliver Inc. Treatment tower for paper pulp. 3,174,313, 3–23–65, Cl. 68—181.
Crosby, Lawton H., to Morley Furniture Corp. Spring construction. 3,210,064, 10–5–65, Cl. 267—103.
Crosby, Spurgeon. Tool grinding machine. 3,164,930, 1–12–65, Cl. 51—3.
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Avera, Trent W. 3,180,130.
Bell, Billy E., and Elliott. 3,193,656.
Brockett, Jay K., and Handwerk. 3,164,491.
Crosfield Electronics Ltd.: *See*—
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Mawby, David H. 3,171,340.
Crosfield, J. F., Ltd.: *See*—
Mawby, David H. 3,209,070.
Crosgrove, Robert O., to North American Aviation, Inc. Control device with switches actuated by cams defining a helical trace. 3,211,871, 10–12–65, Cl. 200—158.
Croshier, Walter J., to Standard Gage Co., Inc. Air plug gage construction. 3,201,974, 8–24–65, Cl. 73—37.9.
Crosman Arms Co., Inc.: *See*—
Merz, Rudolf. 3,212,228.
Merz, Rudolf. 3,212,489.
Merz, Rudolf. 3,212,490.
Crosman, Loring P., to Sperry Rand Corp. Magnetic data recording apparatus. 3,164,836, 1–5–65, Cl. 346—74.
Cross, Alan, to The Dow Chemical Co. Direct powder rolling. 3,179,516, 4–20–65, Cl. 75—214.
Cross, Alexander D., to Syntex Corp. 17-tetrahydropyranyl ethers of 19-nor, 3-keto androstanes. 3,167,547, 1–26–65, Cl. 260—239.55.
Cross, Alexander D., to Syntex Corp. 10α-steroid-19-oic acid (19,11) lactones, 19-carboxylic acid (19α,11) lactones and 11α,19-dihydroxy- and 11α-hydroxy-19-hydroxymethyl-10α-androstenes. 3,167,548, 1–26–65, Cl. 260—239.57.
Cross, Alexander D., to Syntex Corp. 19-nor $\Delta'(10)$-5α-pregnen-17α-ol-2,20-dione and derivatives thereof. 3,169,135, 2–9–65, Cl. 260—397.4.
Cross, Alexander D., to Syntex Corp. 17-tetrahydropyranyl-ethers of $\Delta^{4,6}$-androstadienes. 3,170,923, 2–23–65, Cl. 260—239.55.
Cross, Alexander D., to Syntex Corp. 20-(aliphatic hydrocarbonthio) and 20-(substituted aliphatic hydrocarbonthio) pregnane derivatives. 3,171,844, 3–2–65, Cl. 260—397.1.
Cross, Alexander D., to Syntex Corp. 2-keto-10-substituted estranes. 3,173,930, 3–16–65, Cl. 260—397.1.
Cross, Alexander D., to Syntex Corp. Process for preparation of 10α-steroids from 2,19-cyclo steroids. 3,176,011, 3–30–65, Cl. 260—239.55.
Cross, Alexander D., to Syntex Corp. 20-(aliphatic hydrocarbonoxy)- and 20-(substituted aliphatic hydrocarbonoxy) pregnane derivatives. 3,176,028, 3–30–65, Cl. 260—397.1.
Cross, Alexander D., to Syntex Corp. 17-(aliphatic hydrocarbonthio)- and 17-(substituted aliphatic hydrocarbonthio) estrane derivatives. 3,179,673, 4–20–65, Cl. 260—397.1.
Cross, Alexander D., to Syntex Corp. 17-tetrahydropyranyl ethers of androstanes. 3,190,880, 6–22–65, Cl. 260—239.55.
Cross, Alexander D., to Syntex Corp. Process for the preparation of steroidal ethers and thioethers. 3,193,563, 7–6–65, Cl. 260—397.
Cross, Alexander D., to Syntex Corp. 17-tetrahydropyranyl ethers of (3,2-C)-pyrazole and (2,3-d)-isoxazole derivatives of the androstane and 19-norandrostane series. 3,200,114, 8–10–65, Cl. 260—239.55.
Cross, Alexander D., to Syntex Corp. 17-tetrahydropyranyl ethers of 3-desoxy and 19-nor-(3-desoxy-Δ^2-androstenes. 3,200,115, 8–10–65, Cl. 260—239.55.
Cross, Alexander D., to Syntex Corp. 10α-pregnan-19-ol derivatives. 3,206,459, 9–14–65, Cl. 260—239.55.
Cross, Alexander D., to Syntex Corp. 10-substituted pregnane derivatives. 3,206,484, 9–14–65, Cl. 260—397.1.
Cross, Alexander D., to Syntex Corp. 2,19-cyclo-1,3-diketo and 10α-19-oic acid derivatives of the androstane and pregnane series. 3,210,385, 10–5–65, Cl. 260—397.1.
Cross, Alexander D., to Syntex Corp. 7-Methyl-Δ^4-androstene compounds. 3,213,086, 10–19–65, Cl. 260—239.55.
Cross, Alexander D., to Syntex Corp. Process for preparation of $\Delta'(10)$-5α-estren-17β-ols-2-one and derivatives thereof. 3,213,117, 10–19–65, Cl. 260—397.4.
Cross, Alexander D., F. A. Kincl, and A. Bowers, to Syntex Corp. Cyclopentanophenanthrene compounds and process. 3,193,554, 7–6–65, Cl. 260—287.
Cross, Alexander D., and A. Bowers, to Syntex Corp. Novel 4-halo-Δ^2-, 2-halo-Δ^4-, and 2-halo-Δ^3-androstene derivatives and process. 3,213,118, 10–19–65, Cl. 260—397.5.
Cross, Carroll N. Paper holder with V-shaped pen receptacle. 3,188,113, 6–8–65, Cl. 281—15.
Cross, Carroll N. Foldable sheet holder. 3,216,582, 11–9–65, Cl. 211—50.
Cross Co., The: *See*—
Pierce, Guy D. 3,171,511.
Pierce, Guy D. 3,208,311.
Tech, Kurt O. 3,213,996.
Van den Kieboom, Johannes L. 3,213,711.
Williams, Donald A. 3,213,999.
Cross, Dee H., F. J. Lohman, and F. R. Ward; said Ward to said Cross and Lohman. Automatic film processing apparatus. 3,225,675, 12–28–65, Cl. 95—89.
Cross, Gordon G.: *See*—
Standish, Norman W., and Cross. 3,185,648.
Cross, Grosvenor M., to The Colonial Press, Inc. Machine for edge gilding books. 3,200,029, 8–10–65, Cl. 156—540.
Cross, Harold M.: *See*—
MacBean, Donald G., and Cross. 3,225,900.

Cross, Harry E., E. H. D. Carman, and F. O. Read. Ion exchange processes. 3,174,927, 3–23–65, Cl. 210—24.
Cross, James A., and E. Lambeau, to The Pyle National Co. Shielding and sealing gasket construction. 3,171,887, 3–2–65, Cl. 174—35.
Cross, James W. Dental chair with consoles. 3,222,105, 12–7–65, Cl. 297—188.
Cross, John T., and D. Cohen, to Whirlpool Corp. Hot water heater with electrical scale control. 3,198,724, 8–3–65, Cl. 204—299.
Cross, Ralph C., to Gerber Products Co. Filler. 3,168,122, 2–2–65, Cl. 141—147.
Cross, Raymond B.: *See*—
Cornelius, Edward B., Craig, Cross, Shabaker, and Field. 3,173,883.
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Cross, William B., to Goodyear Aerospace Corp. Method of increasing stiffness of an inflated structure. 3,205,106, 9–7–65, Cl. 156—79.
Cross, Willis J., Jr., to Houdry Process Corp. Contact mass make-up. 3,197,258, 7–27–65, Cl. 302—17.
Cross, Willis J., Jr., to Air Products and Chemicals Inc. Conversion control in catalytic cracking of hydrocarbons. 3,213,011, 10–19–65, Cl. 208—74.
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Crossland, Edward J., M. P. Ragan, and J. E. Hawkins, to Seismograph Service Corp. Voting machine. 3,221,988, 12–7–65, Cl. 235—54.
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Croswhite, Howard L., to Ford Motor Co. Infinitely variable hydrostatic transmission system. 3,199,297, 8–10–65, Cl. 60—53.
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Crouch, Donald W., and T. H. Lee, to General Electric Co. Vacuum type electric circuit interrupter with plural parallel-connected contact points. 3,211,866, 10–12–65, Cl. 200—144.
Crouch, Fred P., and W. M. Lockrow, to Hanes Corp. Rotary cutting apparatus. 3,192,809, 7–6–65, Cl. 83—100.
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Crouch, Mary P. Hair veiling and holding net. 3,222,685, 12–14–65, Cl. 2—207.
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Crouch, Willie W., to Phillips Petroleum Co. Blends of synthetic trans-polyisoprene and transpolybutadiene. 3,213,160, 10–19–65, Cl. 260—894.
Croucher, Antony H., to Wildt Mellor Bromley Ltd. Hydraulic buffers. 3,175,818, 3–30–65, Cl. 267—1.
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Gray, Robert E. 3,193,132.
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Crouse, William G., to International Business Machines Corp. Uni-directional tunnel diode circuits. 3,218,474, 11–16–65, Cl. 307—88.5.
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Crowell, Merton H., to Bell Telephone Laboratories, Inc. Electron beam device having divergent emission electron gun. 3,202,864, 8–24–65, Cl. 315—21.
Crowell, Philip L., to S. C. Johnson & Sons, Inc. Actuator cap. 3,195,783, 7–20–65, Cl. 222—182.
Crowell, Philip L., W. C. Harris, and E. L. Muoio, to S. C. Johnson & Son, Inc. Package and composition. 3,165,227, 1–12–65, Cl. 220—42.
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Crowley, Daniel L., F. J. Smith, and W. J. Jennings, to Crowley Tar Products Co., Inc. Method of improving well flow. 3.172,473, 3–9–65, Cl. 166—41.
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Crownover, Joseph W., 25% to W. W. Haefliger. Piezoelectric phonograph pickup. 3,226,490, 12–28–65, Cl. 179—100.41.
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Crowther, Joseph. Textile tape condensers. 3,172,164, 3–9–65, Cl. 19—151.
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Crumbliss, Ranza A. Automotive starter testing apparatus utilizing regulator controlled feedback. 3,179,887, 4–20–65, Cl. 324—158.
Crumbliss, Robert T., to The Singer Co. Printing attachment for glove turning machines. 3,224,365, 12–21–65, Cl. 101—43.
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Crump, Joseph R. Apparatus for joining pipe sections. 3,206,845, 9–21–65, Cl. 29—282.
Crumpler, Houston L. Apparatus for producing conduit structures by extrusion. 3,212,154, 10–19–65, Cl. 25—17.
Crumpler, Houston L. Drainage line improvements. 3,219,368, 11–23–65, Cl. 285—285.
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Cudnohufsky, Sylvester R. Hydraulic positioning means. 3,170,376, 2–23–65, Cl. 91—22.
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Cudworth, Allen L., to Liberty Mutual Insurance Co. Device for indicating objects rearwardly of a vehicle. 3,226,673, 12–28–65, Cl. 340—31.
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Cuingnet, Etienne, to Laboratoires Carbiere et Pansements Brevetes Carbiere Societe Anonyme. Anaesthetic compositions. 3,209,022, 9–28–65, Cl. 260—472.
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Coucet, Pierre, and Culaud. 3,196,798.
Culbertson, George T., to Master Specialties Co. Phase sequence network. 3,188,522, 6–8–65, Cl. 317—48.
Culbertson, George T., to Master Specialties Co. Free running multivibrator circuit energizing an indicator circuit. 3,188,623, 6–8–65, Cl. 340—331.
Culbertson, George T., to Master Specialties Co. Timing network. 3,205,411, 9–7–65, Cl. 317—142.
Culbertson, Harry M.: *See*—
Tashlick, Irvin, and Culbertson. 3,220,984.
Culbertson, Robert D., R. C. McRae, and H. C. Warner, to Eitel-McCullough, Inc. Housing for an electronic device. 3,182,845, 5–11–65, Cl. 220—2.3.
Culbertson, Robert D., R. C. McRae, and H. C. Warner, to Eitel-McCullough, Inc. Pressure sealing of plated envelope sections. 3,193,920, 7–13–65, Cl. 29—492.
Culbertson, Robert J., to General Electric Co. Time constant control system for X-ray analyzers and gages. 3,196,272, 7–20–65, Cl. 250—83.3.
Culbertson, Roger L.: *See*—
Broadfoot, John T. 3,180,272.
Culbertson, Russel P., to Union Carbide Corp. Electric arc welding. 3,175,074, 3–23–65, Cl. 219—146.
Culemeyer, Karl, to Goldschmidt, Th., Aktiengesellschaft. Process for preparation of water-insoluble metal soaps. 3,168,540, 2–2–65, Cl. 260—414.
Cull, Alan S., to Civil & Civic Pty. Ltd. Self-climbing formwork hoist. 3,207,263, 9–21–65, Cl. 187—2.
Cull, Jay A., and T. Hooker, to Hooker Chemical Corp. Process for converting halogenated organic material into corresponding hydrogen halides. 3,220,798, 11–30–65, Cl. 23—155.
Cull, Neville L., to Esso Research and Engineering Co. Ethylene-alpha olefin polymer latices. 3,226,349, 12–28–65, Cl. 260—29.6.
Cull, Neville L., J. E. Landry, Jr., H. E. Robson, R. C. Lohman, M. Nadler, and H. T. White, to Esso Research and Engineering Co. Treatment of polymers produced by alkali-metal catalyzed polymerization. 3,168,586, 2–2–65, Cl. 260—680.
Cull, William, to Birfield Engineering Ltd. Work holding means. 3,169,777, 2–16–65, Cl. 279—4.
Cull, William, to Birfield Engineering Ltd. Co. Machine for milling arcuate grooves. 3,173,336, 3–16–65, Cl. 90—15.1.
Cull, William, to Birfield Engineering Ltd. Universal joints. 3,176,476, 4–6–65, Cl. 64—8.
Cull, William, to Birfield Engineering Ltd. Work holding means. 3,179,428, 4–20–65, Cl. 279—4.
Cull, William, to Birfield Engineering Ltd. Universal joints. 3,186,189, 6–1–65, Cl. 64—21.
Cullen, Charles G.: *See*—
Lister, Fred, and Cullen. 3,215,586.
Cullen, Daniel J., and J. A. Merrill, to Reynolds Metals Co. Extrusion press. 3,176,494, 4–6–65, Cl. 72—260.
Cullen, David P.: *See*—
Schroeder, Carl E., and Cullen. 3,191,568.
Cullen, Frank J.: *See*—
Buchik, George C., and Cullen. 3,220,760.
Cullen-Friestedt Co.: *See*—
Buchik, George C., and Cullen. 3,220,760.
Hooker, Howard H. 3,199,462.
Cullen, William F., to General Electric Co. Beam plate structure having suppressor grid characteristics. 3,217,203, 11–9–65, Cl. 313—299.
Cullifer, Joseph P. Harvesting vehicle having worker support means. 3,194,575, 7–13–65, Cl. 280—32.5.
Culligan, Duane O., to Geo. D. Roper Corp. Gas supply arrangement for range. 3,200,807, 8–17–65, Cl. 126—37.
Culligan, Inc.: *See*—
Olsen, Poul J. 3,208,471.
Olsen, Poul J., and Ahl. 3,203,450.
Staats, William A. 3,220,552.
Cullimore, Denis R., and M. Woodbine, to National Research Development Corp. Device and method for testing mineral deficiencies in soil. 3,218,240, 11–16–65, Cl. 195—103.5.
Cullin, Hugh J., to Struthers-Dunn, Inc. Hermetic seal header with offset skirt-casing weld. 3,206,538, 9–14–65, Cl. 174—50.5.
Cullinan, Douglas M., to Cullinan Refractories Ltd. Refractory brick. 3,213,811, 10–26–65, Cl. 110—99.
Cullinan, Edwin: *See*—
Etzrodt, Thomas J., Jr., and Cullinan. 3,197,644.
Cullinan, Joseph M. Collapsible table. 3,198,144, 8–3–65, Cl. 108—48.
Cullinan Refractories Ltd.: *See*—
Cullinan, Douglas M. 3,213,811.
Culling, John H., to Carondelet Foundry Co. Solar energy heating apparatus. 3,182,654, 5–11–65, Cl. 126—270.
Cullins, Aulick B.: *See*—
Withorn, Benjamin, and Cullins. 3,198,516.
Cullo, Leonard A.: *See*—
Chomitz, Nicholas, and Cullo. 3,210,294.
Culp, Ercel. Method of making annular sausages. 3,180,737, 4–27–65, Cl. 99—109.
Culp, John F. Jet control unit. 3,175,356, 3–30–65, Cl. 60—35.55.
Culp, Russell L.: *See*—
Rice, Archie H., Conley, and Culp. 3,171,801.
Rice, Archie H., and Culp. 3,171,800.
Culton, Lawrence J.: *See*—
Imelmann, Henry L. 3,171,505.
Culton, Nancy D.: *See*—
Imelmann, Henry L. 3,171,505.
Culver, Irven H., F. J. Johnston, W. D. and W. E. Orr, and C. E. Moore, to Copperfield Corp. Fixed pitch rotor helicopter. 3,210,027, 10–5–65, Cl. 244—17.23.
Culver, Leonard J., to Foster Wheeler Corp. Method of butt welding metal tubes. 3,195,229, 7–20–65, Cl. 29—482.
Culver, Paul C. Article support. 3,212,743, 10–19–65, Cl. 248—313.

Culver, Paul C. Article support. 3,215,388, 11–2–65, Cl. 248—313.
Culver, Perrin C., and E. H. Rocks, to The Deutsch Co. Socket connector. 3,205,474, 9–7–65, Cl. 339—255.
Culver, Robert D., to Laboratory For Electronics, Inc. Readily disconnectible traffic detector switch and frame having two different size fastening holes. 3,187,138, 6–1–65, Cl. 200—86.
Culver, William H., and M. H. Davis, to The Rand Corp. Superconducting gyroscopic apparatus. 3,216,263, 11–9–65, Cl. 74—5.
Cumberland Case Co.: *See*—
Robinson, William W., Jr., and Camp. 3,189,164.
Cumberland Chemical Corp.: *See*—
Crowe, Bernard F. 3,223,687.
Dixler, Daniel S. 3,219,475.
Fritzsching, Peter R., and Gilardi. 3,218,183.
Moore, George L. 3,218,362.
Smyser, Harold D., and Wheeler. 3,220,992.
Cumbo, Harold B. Gyro weapons stabilizer. 3,165,972, 1–19–65, Cl. 89—14.
Cumming, John, to G. S. Blakeslee & Co. Dishwashing machine conveyor. 3,166,183, 1–19–65, Cl. 198—131.
Cumming, Raymond C., to United States of America, Army. Cathode-ray tube frequency meter having a pair of deflection means of unequal length. 3,209,252, 9–28–65, Cl. 324—78.
Cumming, Ronald W., and J. R. Baxter, to Commonwealth of Australia. Digital indicating device. 3,202,128, 8–24–65, Cl. 116—129.
Cummings, Alfred J.: *See*—
Goetz, Raymond J., and Cummings. 3,192,733.
Cummings, Alfred J., to United States of America, Air Force. Means for maintaining long lengths of wire or films at cryogenic temperatures. 3,216,208, 11–9–65, Cl. 62—45.
Cummings, Arthur M. Valve structure as for applying braking fluid to trailer brakes in advance of prime mover brakes. 3,195,567, 7–20–65, Cl. 137—493.4.
Cummings, Betty L.: *See*—
Meyer, Robert F., and Cummings. 3,187,001.
Cummings, Howard B., to Shenango China, Inc. Tile setter. 3,181,223, 5–4–65, Cl. 25—153.
Cummings, Howard B., to Shenango Ceramics, Inc. Ware loader and unloader. 3,198,348, 8–3–65, Cl. 214—1.
Cummings, Howard B., to Shenango China, Inc. Handled cup. 3,224,629, 12–21–65, Cl. 220—94.
Cummings, Jerry W., to Northrop Corp. Regulated thermoelectric cooling system. 3,192,724, 7–6–65, Cl. 62—3.
Cummings, John R., and A. K. Hoffmann, to American Cyanamid Co. Method of inducing hypotensive and ganglionic blocking activity. 3,198,705, 8–3–65, Cl. 167—65.
Cummings, Joseph P., and L. R. Rice, to International Harvester Co. Blow plate for core blowers. 3,187,391, 6–8–65, Cl. 22—10.
Cummings, Leslie L. Gas lift valve. 3,223,109, 12–14–65, Cl. 137—155.
Cummings, Robert L., to TRW Inc. Turboelectric power system. 3,210,553, 10–5–65, Cl. 290—4.
Cummings, Sumner A., to Superba Cravats, Inc. Necktie display card. 3,173,541, 3–16–65, Cl. 206—79.
Cummings, William C., to Scanwell Laboratories, Inc. Multimode radio frequency structure exhibiting hybrid operation. 3,222,620, 12–7–65, Cl. 333—11.
Cummins, Charles R., to Rerair, Inc. Rug tool. 3,225,379, 12–28–65, Cl. 15—367.
Cummins-Chicago Corp.: *See*—
Dreyer, William H., and Snowdon. 3,221,146.
Quinn, James L., and Stary. 3,221,147.
Robinson, Robert J. 3,202,827.
Cummins, Clessie L.: *See*—
Cummins, Clessie L., Jr. 3,185,140.
Cummins, Clessie L. Vehicle engine braking and fuel control system. 3,220,392, 11–30–65, Cl. 123—97.
Cummins, Clessie L., Jr., to C. L. Cummins. Fuel supply system for compression ignition internal combustion engines. 3,185,140, 5–25–65, Cl. 123—140.
Cummins, Douglas J., and P. T. Davy. Permanent magnetic reed switch. 3,223,801, 12–14–65, Cl. 200—87.
Cummins, James B., and T. R. Kolter, said Cummins assor. to Photogrammetry, Inc. Sequence camera. 3,202,069, 8–24–65, Cl. 95—36.
Cummins, Peter A., joint interest to A.C.E. Machinery Ltd. Radio communication means between elevator cage and motor control. 3,203,506, 8–31–65, Cl. 187—29.
Cummins, Phil F., to General Dynamics Corp. Fire fighting and rescue apparatus. 3,169,581, 2–16–65, Cl. 169—24.
Cumpston, Edward H., Jr. Material refining machine. 3,221,999, 12–7–65, Cl. 241—247.
Cunder, Joseph, and F. J. Licata, to Nopco Chemical Co. Pelletized water insoluble metallic soaps and methods and apparatus for producing them. 3,171,159, 3–2–65, Cl. 18—1.
Cuneo, William T., to Ingersoll-Rand Co. Noise abatement snubber for vacuum pump system. 3,180,449, 4–27–65, Cl. 181—52.
Cunetta, Joseph. Circular clarifiers with rotation-controlled settling. 3,216,570, 11–9–65, Cl. 210—83.
Cunning, Gladys H.: *See*—
Cunning, Thomas G., and Caulkins. 3,192,052.
Cunning, T. George: *See*—
Cunning, Thomas G., and Caulkins. 3,192,052.
Cunning, Thomas G., and J. M. Caulkins, to T. G. and G. H. Cunning, jointly. Method for spray coating fruit and vegetables. 3,192,052, 6–29–65, Cl. 99—168.
Cunningham, Andrew L.: *See*—
Wainer, Eugene, Raynes, and Cunningham. 3,180,741.
Cunningham, Arthur R. Replaceable tube insert for a pelleting machine. 3,168,058, 2–2–65, Cl. 107—14.
Cunningham, Arthur R., to Cunningham & Sons. Pelleting machine having grooved pellet holes. 3,176,631, 4–6–65, Cl. 107—14.
Cunningham, Arthur R., deceased; T. W. Cunningham and The First National Bank of Leesburg, executors. Crop conditioner. 3,197,947, 8–3–65, Cl. 56—1.
Cunningham, Cecil C. Innerspring mattress construction. 3,166,768, 1–26–65, Cl. 5—351.
Cunningham, Charles M.: *See*—
McCadam, Maurice B. 3,184,318.
Cunningham, Charles M., and M. B. McCadam; said McCadam assor. of 5% to W. H. Mahr. Cheese dispensing apparatus. 3,184,844. 5–25–65, Cl. 31—5.
Cunningham, Clarence T., to Owens-Illinois Glass Co. Process for making a stencil screen coating and composition therefor. 3,170,791, 2–23–65, Cl. 96—35.
Cunningham, Clarence T., to Owens-Illinois Glass Co. Process for making a stencil screen coating and composition therefor. 3,170,792, 2–23–65, Cl. 96—35.
Cunningham, Clarence V., and I. W. Lichtenfels, to General Electric Co. Plural motor railway acceleration control system. 3,184,664, 5–18–65, Cl. 318—58.
Cunningham, Donald E., to Thompson Products, Inc. Method and apparatus for measuring magnetic fields using resonance radiation from a gas in the field. 3,197,694, 7–27–65, Cl. 324—43.
Cunningham, Donald F., and D. W. Engle, to U.S. Partition & Packaging Corp. Brake mechanism for intermittent feeding construction. 3,200,910, 8–17–65, Cl. 188—85.
Cunningham, Donald M., to Edwin L. Wiegand Co. Baseboard heater assembly. 3,165,624, 1–12–65, Cl. 219—365.
Cunningham, Henry L., to Hardings Bros., Inc. Hydraulic variable speed feed mechanism for machine tools and the like. 3,173,337, 3–16–65, Cl. 91—356.
Cunningham, Henry L., to Hardinge Bros., Inc. Automatic machine tool control mechanism. 3,224,070, 12–21–65, Cl. 29—42.
Cunningham, James J., to The American Tobacco Co. Cigarette package. 3,164,248, 1–5–65. Cl. 206—41.
Cunningham, James M., to International Business Machines Corp. Leader sheet identification. 3,174,029, 3–16–65, Cl. 235—61.7.
Cunningham, James M., to International Business Machines Corp. Type carrier device. 3,224,366, 12–21–65, Cl. 101—93.
Cunningham, James R. Disposable syringe device. 3,192,925, 7–6–65, Cl. 128—216.
Cunningham, James W.: *See*—
Bisulca, Anthony A., Cunningham, and Warenius. 3,222,054.
Lane, Donald H., Cunningham, McDonald, and Tiller. 3,193,889.
Cunningham, John H. Gauge for measuring alignment or misalignment and axially spacing of shafts. 3,214,839, 11–2–65, Cl. 33—148.
Cunningham, John R. Cotton gin. 3,218,674, 11–23–65, Cl. 19—50.
Cunningham, Joseph A.: *See*—
Horner, Richard F., and Cunningham. 3,200,987.
Cunningham, McCleery B., to Sonoco Products Co. Method of making plastic impregnated paper tubes and resulting product. 3,170,489, 2–23–65, Cl. 138—145.
Cunningham, Paul M., to Collins Radio Co. Blanking circuit synchronized with code for balancing detector interference. 3,167,771, 1–26–65, Cl. 343—103.
Cunningham, Raymond B., to Cunningham & Sons. Pelleting machine having restricted passages. 3,199,465, 8–10–65, Cl. 107—14.
Cunningham, Richard, and C. F. Currey, to Westinghouse Electric Corp. Unitized vapor generation. 3,213,833, 10–26–65, Cl. 122—34.
Cunningham, Richard, Jr.: *See*—
Mitchell, Gerald T., and Cunningham. 3,185,202.
Cunningham, Robert A., to Martin-Marietta Corp. Particle reference device. 3,206,987, 9–21–65, Cl. 73—517.
Cunningham, Robert A., to Cunningham & Sons. Adjustable pressure pelleting machine. 3,207,090, 9–21–65, Cl. 107—14.
Cunningham, Robert A., to Cunningham & Sons. Pelleting machine drive. 3,207,091, 9–21–65, Cl. 107—14.
Cunningham, Robert A., G. O. Atkinson, and W. H. Cline, Jr., deceased (by M. C. Cline, independent executrix), to Hughes Tool Co. Seal between a pair of relatively rotatably, radially extending surfaces. 3,199,878, 8–10–65, Cl. 277—88.
Cunningham, Robert G.: *See*—
Brady, Joseph R., and Cunningham. 3,201,668.
Cunningham, Robert L., A. V. Grant, J. Ng-Yelim, and K. V. Gow, to Her Majesty the Queen in right of Canada, as represented by the Minister of Mines and Technical Surveys. Ion bombardment camera for crystal orientation determination. 3,180,987, 4–27–65, Cl. 250—49.5.
Cunningham & Sons: *See*—
Cunningham, Arthur R. 3,176,631.

Cunningham, Thomas W.: *See*—
Cunningham, Arthur R. 3,197,947.
Cunningham, Raymond B. 3,199,465.
Cunningham, Robert A. 3,207,090.
Cunningham, Robert A. 3,207,091.
Cunningham, Walter F., to Superior-Tabbies, Inc. Insert-receiving index tabs. 3,221,430, 12–7–65, Cl. 40—23.
Cunningham, Wesley B. Subterranean tunnel liner installation. 3,169,376, 2–16–65, Cl. 61—42.
Cunningham, William O., Jr. Lumber grade printer. 3,175,485, 3–30–65, Cl. 101—35.
Cunnington, George R., Jr.: *See*—
Stone, Richard L., and Cunnington. 3,183,822.
Cuny, Robert, to Brown, Boveri & Cie, Aktiengesellschaft. Shaft seal for gas-filled electric machines utilizing sealing liquid introduced into sealing ring located in annular chamber surrounding shaft. 3,199,877, 8–10–65, Cl. 277—29.
Cuny, Robert H.: *See*—
Wiedemann, Eugene, and Cuny. 3,165,365.
Cuomo, Gaetano, to Pollio Dairy Products Corp. Cheese cutting apparatus. 3,187,432, 6–8–65, Cl. 31—21.
Cuorato, John J.: *See*—
Gallant, Charles R., and Cuorato. 3,180,922.
Cupper, Robert A., and C. A. Wolf, Jr., to Union Carbide Corp. Process of treating synthetic lubricating oils with urea. 3,164,553, 1–5–65, Cl. 252—51.5.
Cupper, Robert A., and C. A. Wolf, Jr., to Union Carbide Corp. Synthetic functional fluids. 3,197,408, 7–27–65, Cl. 252—51.5.
Cüppers, Curt, and K. Kirchhubel, to Oculus Optikgerate G.m.b.H. Support for a plurality of eye examination instruments. 3,201,795, 8–17–65, Cl. 351—38.
Curbmaster of America, Inc.: *See*—
Larsen, Burnham L. and B. J. 3,195,448.
Larsen, Burnham L. and B. J. 3,202,068.
Larsen, Burnham L. and B. J. 3,218,944.
Curby, William A. Mechanical pressure sensor. 3,174,125, 3–16–65, Cl. 338—47.
Curci, Alfred. Captive cap for containers. 3,225,971, 12–28–65, Cl. 222—515.
Curcio, Rinaldo M., to Fidelitone, Inc. Method of bonding a stylus tip. 3,171,175, 3–2–65, Cl. 22—202.
Curera, Jose A. Dental analgesia processes and devices. 3,213,851, 10–26–65, Cl. 128—1.
Curie, Robert J., and R. S. Hamilton, to The Corrugated Container Co. Disposable type dispensing container package. 3,173,579, 3–16–65, Cl. 222—105.
Curie, Robert J., and R. S. Hamilton, to The Corrugated Container Co. Dispensing valve. 3,223,117, 12–14–65, Cl. 137—556.6.
Curioni, Salvatore M. Frictionless piston pump. 3,200,759, 8–17–65, Cl. 103—153.
Curioni, Salvatore M. Adjustable pitch propeller. 3,216,507, 11–9–65, Cl. 170—160.32.
Curlee, W. F., Mfg. Co.: *See*—
Acres, Richard L. 3,221,794.
Curll, Allan R., Jr., to Philco Corp. Selective-frequency remote control system for television receivers having spurious noise signal suppression. 3,168,738, 2–2–65, Cl. 343—228.
Curll, Allan R., Jr., to Philco Corp. Heat exchange apparatus. 3,222,580, 12–7–65, Cl. 317—234.
Curran, Daniel R., and A. Berohn, to Clevite Corp. Wave filter comprising piezoelectric wafer electroded to define a plurality of resonant regions independently operable without significant electromechanical interaction. 3,222,622, 12–7–65, Cl. 333—72.
Curran, John R., to International Telephone and Telegraph Corp. Flow tubes. 3,196,680, 7–27–65, Cl. 73—213.
Curran, Kenneth E., P. Ver Planck, and J. A. Carlson, said Carlson and Ver Planck, assors., to said Curran. Mobile batching apparatus. 3,198,494, 8–3–65, Cl. 259—154.
Curran, Peter F., and W. W. Medlinski, to The Bendix Corp. Maximum command limiter device for an automatic flight control system. 3,201,675, 8–17–65, Cl. 318—489.
Curran Productions: *See*—
Drew, Richard A. 3,165,296.
Curran, Robert A., to Electrolab Printed Electronics Corp. Method of making an electric circuit structure. 3,202,591, 8–24–65, Cl. 204—38.
Curran, Robert E. Combination drilling and tapping jig. 3,224,021, 12–21–65, Cl. 10—1.
Curran, Thomas R.: *See*—
Leffler, Charles L., Jr., and Curran. 3,191,598.
Currency Protection, Inc.: *See*—
Martin, James L. 3,174,245.
Martin, James L. 3,174,246.
Currey, Charles F.: *See*—
Cunningham, Richard, and Currey. 3,213,883.
Currie, Francis: *See*—
Collins, William W., and Currie. 3,219,166.
Currie, Francis, to FMC Corp. Accumulating conveyor. 3,225,893, 12–28–65, Cl. 198—127.
Currie, Grover C., Jr.: *See*—
Chidsey, Francis A., Jr., and Currie. 3,212,227.
Currie, Grover C. Package. 3,221,876, 12–7–65, Cl. 206—65.
Currie, Grover C., Jr., to Weyerhaeuser Co. Article carrier and package. 3,189,215, 6–15–65, Cl. 220—115.
Currie, Herbert K. Framework layout tool. 3,169,320, 2–16–65, Cl. 33—96.
Currie, Roy E., Jr., to United States of America, National Aeronautics and Space Administration. Relay binary circuit. 3,189,794, 6–15–65, Cl. 317—140.
Currie, William E., to Parker-Hannifin Corp. Flareless tube coupling for plastic or metal tubing. 3,201,153, 8–17–65, Cl. 285—249.
Currier, Albert L., and L. J. Gianni, to Automatic Electric Laboratories, Inc. Floatingly mounted captive thumbscrew fastener. 3,209,806, 10–5–65, Cl. 151—69.
Currier, John A., to Scott & Williams, Inc. Knitting machine. 3,220,219, 11–30–65, Cl. 66—42.
Currier, Vernon A., and M. Cuscurida, to Jefferson Chemical Co., Inc. Piperazine derivatives and method of preparation. 3,221,016, 11–30–65, Cl. 260—268.
Curry, Bernard A. T-bolt. 3,186,293, 6–1–65, Cl. 85—9.
Curry, Byron V.: *See*—
Jamison, Albert L. 3,225,959.
Curry, Byron V., and J. M. Dunn. Multiple container package and carrier. 3,186,544, 6–1–65, Cl. 206—65.
Curry, Byron V., Jr., and T. L. Bonkowski, ⅓ to A. B. Willis. Can fastener. 3,206,019, 9–14–65, Cl. 206—65.
Curry, Irene V. M. Feeder for invalids. 3,165,241, 1–12–65, Cl. 222—490.
Curry, John K. Storage device and support. 3,193,231, 7–6–65, Cl. 248—223.
Curry, Joseph T.: *See*—
Bradt, Albert J., Curry, and Estock. 3,201,655.
Curry, Paul. Method of, and means for, duplex-multiplex communications. 3,183,508, 5–11–65, Cl. 343—176.
Curry, Richard, R. A. Thompson, and J. E. Stearn, to United Aircraft Corp. Heat storage system. 3,178,113, 4–13–65, Cl. 237—8.
Curry, Robert J. Copy fitting device. 3,218,720, 11–23–65, Cl. 33—150.
Curtay, Adrienne M.: *See*—
Curtay, Paul M. and A. M. 3,200,037.
Curtay, Paul M. and A. M., born Boelens. Topic angiotonic compositions. 3,200,037, 8–10–65, Cl. 167—62.
Curtice, Gerald M., and M. D. Saunders, to Archer-Daniels-Midland Co. Water dispersible and water soluble alkydo comprising polyalkylene glycol, monocarboxylic acid, dicarboxylic acid, and polyol. 3,223,659, 12–14–65, Cl. 260—22.
Curtin, John R., to Socony Mobil Oil Co., Inc. Preparation of aluminosilicate molecular sieve-silica gel composites. 3,207,701, 9–21–65, Cl. 252—451.
Curtin, Leo P., deceased; L. V. Curtin, executor. Cleaning and detergent compositions. 3,216,946, 11–9–65, Cl. 252—156.
Curtin, Leo V.: *See*—
Curtin, Leo P. 3,216,946.
Curtin, Paul J., to McGraw-Edison Co. Luminaire assembly. 3,170,635, 2–23–65, Cl. 240—25.
Curtin, Paul J., to McGraw-Edison Co. Luminaire assembly. 3,225,187, 12–21–65, Cl. 240—25.
Curtis, Albert L., and B. B. Oliver. Card selector. 3,206,269, 9–14–65, Cl. 312—319.
Curtis, Arthur A., and D. D. Sherman, to United Aircraft Corp. Tube drawing apparatus. 3,195,331, 7–20–65, Cl. 72—7.
Curtis, Carl. Razor head guard. 3,177,582, 4–13–65, Cl. 30—90.
Curtis, Cora S. Container. 3,173,464, 3–16–65, Cl. 150—1.
Curtis, Cyril D., to United States of America, Atomic Energy Commission. High voltage electric generator. 3,175,104, 3–23–65, Cl. 307—109.
Curtis, Daniel L., to Litton Systems, Inc. Space enclosure cooling arrangement. 3,212,286, 10–19–65, Cl. 62—259.
Curtis, Daniel L., and S. Hansen, to Litton Systems, Inc. Ionization and plasma acceleration apparatus. 3,173,248, 3–16–65, Cl. 60—35.5.
Curtis Dyna-Products Corp.: *See*—
Curtis, Russell R. 3,184,113.
Curtis-Electro Lighting, Inc.: *See*—
Bucek, Edward P., and Stier. 3,172,350.
Cabernoch, Louis J. 3,168,252.
Curtis, Francis: *See*—
Verrinder, Ernest A., and Curtis. 3,193,527.
Curtis, Francis, to FMC Corp. Fruit handling machine. 3,200,559, 8–17–65, Cl. 53—78.
Curtis, Frank W., to Lexsuco, Inc. Vapor barrier and adhesive applicators. 3,183,139, 5–11–65, Cl. 156—575.
Curtis, Frank W., to Lexsuco, Inc. Vapor barrier and adhesive applicators. 3,222,241, 12–7–65, Cl. 156—575.
Curtis, George G., and B. Buchner, to The American Agricultural Chemical Co. Bis-(aziridinyl)-phosphinothioic esters as chemical sterilants for insects and mites. 3,207,661, 9–21–65, Cl. 167—33.
Curtis, Gerald R., J. C. Kyle, and G. Robinson, to Physical Sciences Corp. Method of making magnetic transducers. 3,183,126, 5–11–65, Cl. 148—12.
Curtis, Gerald R., and N. T. Kurfiss, to Armco Steel Corp. Gas mixer for blast furnace stoves. 3,217,781, 11–16–65, Cl. 158—109.
Curtis, Glenn R., to Independent Grocers' Alliance Distributing Co. Portable roller conveyor for handling meat products. 3,220,527, 11–30–65, Cl. 193—35.
Curtis, Glenn R., to Independent Grocers' Alliance Distributing Co. Cooler for storage of meat products. 3,220,572, 11–30–65, Cl. 214—16.4.
Curtis, H.: *See*—
Hallden, Frederick C., Conover, Farkas, and Curtis. 3,225,332.
Curtis, Harris L., to Polaroid Corp. Reduction of nitroolefins to amines. 3,187,046, 6–1–65, Cl. 260—570.8.

Curtis, Harry W.: *See*—
Stanback, Harris I., and Curtis. 3,187,124.
Curtis, Helene, Industries, Inc.: *See*—
Lustman, Eldred G. 3,185,294.
Curtis Instruments, Inc.: *See*—
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Curtis, John C., to Joy Mfg. Co. Centralizer. 3,206,259, 9–14–65, Cl. 308—3.9.
Curtis, John C., and T. A. Parssinen, to Joy Mfg. Co. Adjustable jib mounting for rock drills. 3,212,738, 10–19–65, Cl. 248—16.
Curtis, John E.: *See*—
Nickerson, Mortimer H., Schnitzer, Curtis, and Patterson. 3,223,654.
Curtis, Joseph A., Jr. Automatic telephonic timer. 3,184,551, 5–18–65, Cl. 179—7.1.
Curtis, Joseph A., Jr. Viewing device. 3,203,052, 8–31–65, Cl. 20—39.
Curtis Mfg. Co.: *See*—
Gross, Clarence E. 3,174,778.
Curtis, Myron S., H. Schoepe, and E. J. Fisk, to Warner & Swasey Co. Automatic thread cutting machine. 3,191,467, 6–29–65, Cl. 82—5.
Curtis 1000, Inc.: *See*—
Cousins, Robert D. 3,169,692.
Curtis, Ralston: *See*—
Tilles, Harry, and Curtis. 3,198,786.
Curtis, Richard A.: *See*—
Robbins, James D., and Curtis. Re. 25,784.
Robbins, James D., and Curtis. 3,225,572.
Curtis, Robert G.: *See*—
Dilks, Robert E., Corrons, Ihm, and Curtis. 3,171,124.
Curtis, Robert J.: *See*—
Winner, Norman T., and Lindsey. 3,167,875.
Curtis, Roger C.: *See*—
Jones, Lloyd R., Curtis, and Shorb. 3,171,902.
Curtis, Roger C., to Dictaphone Corp. Indicator light and control circuit. 3,205,315, 9–7–65, Cl. 179—100.1.
Curtis, Rolando T., to V-W Corp. Wall board having compressible edge structure. 3,226,284, 12–28–65, Cl. 161—44.
Curtis, Roman, and E. J. Thirkill, to United States of America, Navy. Retrofit lugs for bombs. 3,224,334, 12–21–65, Cl. 89—1.5.
Curtis, Russell R., to Curtis Dyna-Products Corp. Fluid operated spraying device having non-rigid follower and metering valve. 3,184,113, 5–18–65, Cl. 222—386.5.
Curtis, S., & Son Inc.: *See*—
Lee, Donald R. 3,199,263.
Curtis, Thomas E., and M. A. Gebhardt, to A. B. Chance Co. Load break switch gear. 3,226,499, 12–28–65, Cl. 200—48.
Curtis, Wilfred A., and J. F. Keating. Bird feeder. 3,164,130, 1–5–65, Cl. 119—51.
Curtiss, Alan C., to Polaroid Corp. Photographic illumination apparatus. 3,185,055, 5–25–65, Cl. 95—11.
Curtiss, Alan C., to Polaroid Corp. Photographic flashgun. 3,213,774, 10–26–65, Cl. 95—11.
Curtiss, Howard A.: *See*—
Zisfein, Melvin B., Curtiss, and Martin. 3,212,515.
Curtiss, Lawrence M., to The Thomas & Betts Co. Connector for outlet boxes. 3,183,297, 5–11–65, Cl. 174—65.
Curtiss-Wright Corp.: *See*—
Adkins, Harold T. 3,173,076.
Adkins, Harold T., and Schneyer. 3,187,188.
Alsobrooks, Darriel L., Hamalian, and Oldenburger. 3,225,540.
Bachman, Harold E., Mackalonis, and Jones. 3,197,125.
Barnes, Lell E. 3,171,291.
Bates, William E. 3,205,288.
Baxter, Donald J. 3,185,248.
Bentele, Max. 3,176,910.
Bentele, Max. 3,180,562.
Bentele, Max. 3,193,188.
Bentele, Max. 3,196,852.
Bentele, Max, and Derner. 3,171,590.
Bentele, Max, Jones, and Raye. 3,176,915.
Berezin, Evelyn. 3,187,167.
Bonhomme, Francois R. 3,181,112.
Chillson, Charles W., and Johnson. 3,186,492.
De Feo, Angelo, and Sollinger. 3,224,194.
Erlenbach, David N. 3,205,723.
Feinberg, Irving. 3,171,880.
Francisco, William H., Jr. 3,164,025.
Gordan, Andrew L. 3,193,311.
Hammond, James W., and Ensminger. 3,165,128.
Jones, Charles. 3,196,850.
Jones, Charles. 3,196,855.
Jones, Charles, Bonner, and Raye. 3,193,187.
Jones, Charles, and Fisch. 3,180,563.
Kates, Maurice. 3,187,226.
Kimberley, John A., and Penner. 3,196,847.
Klatchko, George A. 3,205,973.
Kohman, Wayne E. 3,216,440.
Kump, Donald J., and Lauziere. 3,222,774.
Kunde, Wayne C., and Tomko. 3,181,669.
Loprete, Joseph F., and Cangialosi. 3,224,193.
Olson, Norman C. 3,181,810.
Peters, Elwyn H. 3,187,288.
Rastogi, Sharat C. 3,193,189.
Sajovec, Frank M., Jr. 3,185,276.
Samson, Ralph L. 3,200,309.

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Schmidt, Andrew, Varga, and Young. 3,180,185.
Searing, Preston J. 3,212,207.
Sollinger, Ferdinand P. 3,176,916.
Stern, Robert G. 3,171,954.
Tomko, Donald R. 3,193,066.
Vogt, Richard. 3,224,370.
Young, Merrill A. 3,184,998.
Curwen, Peter D., to Mechanical Technology Inc. Active vibration isolator. 3,216,679, 11–9–65, Cl. 248—20.
Curzon, Thomas, to C.A.V. Ltd. Valve device for aiding the starting of internal combustion engines. 3,178,149, 4–13–65, Cl. 251—11.
Cuscurida, Michael: *See*—
Currier, Vernon A., and Cuscurida. 3,221,016.
Cushing, Donald S., to General Electric Co. Washing machine having improved closure member sealing means. 3,169,541, 2–16–65, Cl. 134—191.
Cushing, George B.: *See*—
Friedrich, Robert E., Lentjes, and Cushing. 3,164,703.
Cushing, Vincent J., and W. A. Beaudry, to United States of America, Navy. Missile stabilizing means. 3,185,097, 5–25–65, Cl. 102—50.
Cushing, Walter V., to Westinghouse Electric Corp. Method for fabricating discharge device. 3,218,113, 11–16–65, Cl. 316—25.
Cushion Coupler Corp.: *See*—
Clejan, Deodat. 3,176,857.
Cushman Chuck Co., The: *See*—
Goodrum, Richard B. 3,166,336.
Cushman Industries, Inc.: *See*—
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Skillin, Walter F. 3,198,532.
Cushman, Le Roy T. Signal generator. 3,199,047, 8–3–65, Cl. 331—40.
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Patton, Timothy E., and Cushman. 3,226,468.
Cushman, Walton W. Non-mechanical tie-down means for inflatable tents or shelters. 3,170,472, 2–23–65, Cl. 135—1.
Cushman, Wilhela. Cushion type mop with disposable cover. 3,166,775, 1–26–65, Cl. 15—228.
Cushner, Stanton H., to Thompson Ramo Wooldridge Inc. Microwave transmissive optical radiation reflectors. 3,165,749, 1–12–65, Cl. 343—911.
Cusi, Dante S. Comminuting method and apparatus. 3,187,385, 6–8–65, Cl. 19—8.
Cusic, John W., and C. H. Lovell, to G. D. Searle & Co. Hydrazides of xanthenecarboxylic acid and Thioxanthenecarboxylic acid. 3,164,606, 1–5–65, Cl. 260—326.3.
Cusic, John W., and P. Yonan, to G. D. Searle & Co. 1-amino-4-dibenzocycloheptenylpiperazines. 3,168,523, 2–2–65, Cl. 260—268.
Cusic, John W., and E. F. Le Von, to G. D. Searle & Co. Aromatic and aliphatic hydrazone derivatives of 1-amino-4-diphenylalkylpiperazines. 3,178,422, 4–13–65, Cl. 260—240.
Cusic, John W., and E. F. Le Von, to G. D. Searle & Co. Hydrazones derived from 1-amino-4-diphenylalkylpiperazines and heterocyclic aldehydes and ketones. 3,183,229, 5–11–65, Cl. 260—240.
Cusic, John W., and H. W. Sause, to G. D. Searle & Co. 4-dipropylamino-2-pyridylalkanamides. 3,225,054, 12–21–65, Cl. 260—295.
Custer, Donald J., and A. L. Long, said Long assor. to said Custer. Shaft extension plug for pipes. 3,173,449, 3–16–65, Cl. 138—93.
Custer, James, to Burroughs Corp. Insertion and extraction tool. 3,193,316, 7–6–65, Cl. 294—33.
Custer, Robert E., and M. V. Shaw, to General Motors Co. Signal lamp for a battery charging circuit. 3,217,311, 11–9–65, Cl. 340—249.
Custers, Jan F. H., B. W. Senior, H. B. Dyer, and P. T. Wedepohl, to Adamant Laboratories (Proprietary) Ltd. Sealing material. 3,178,773, 4–20–65, Cl. 18—34.
Custman, Ira L.: *See*—
Cieniewicz, Theodore A., and Custman. 3,226,255.
Custred, U. K., and R. R. Albritton, to American Cyanamid Co. pH control in acid rinse circuit in flotation of phosphate rock. 3,207,305, 9–21–65, Cl. 209—10.
Cutaia, Alfred, to International Business Machines Corp. Gray code generator. 3,209,347, 9–28–65, Cl. 340—347.
Cuthbert, Thomas R., Jr.: *See*—
Duncan, Looney R., Jr., Ludvigson, and Cuthbert. 3,217,275.
Cuthbert, William L., Jr., W. A. MacDonald, Jr., N. J. Rosenburgh, and C. E. Swing, to Eastman Kodak Co. Printer processor accessory for a projection film reader. 3,220,302, 11–30–65, Cl. 88—24.
Cutlas Tool and Mfg. Co.: *See*—
Kapusta, John M. 3,184,258.
Cutler, Albert E., to Communications Patents Ltd. Signal transmission electric cables. 3,209,064, 9–28–65, Cl. 174—36.
Cutler, Albert E., to Communications Patents Ltd. Ground-based flight training or simulating apparatus. 3,220,121, 11–30–65, Cl. 35—12.
Cutler, Burton, to International Telephone and Telegraph Corp. Radar system with improved area type moving target indicator. 3,196,434, 7–20–65, Cl. 343—7.7.
Cutler, Cassius C., to Bell Telephone Laboratories, Inc. Passive repeaters for satellite communication systems. 3,169,245, 2–9–65, Cl. 343—18.

Cutler, Cassius C., to Bell Telephone Laboratories, Inc. Echo suppressor using comb filters. 3,175,051, 3–23–65, Cl. 179—170.2.
Cutler, Cassius C., to Bell Telephone Laboratories, Inc. Antenna structures for communication satellites. 3,182,326, 5–4–65, Cl. 343—100.
Cutler, Cassius C., to Bell Telephone Laboratories, Inc. Echo suppressor operable by a pilot tone. 3,183,313, 5–11–65, Cl. 179—170.4.
Cutler, Cassius C., to Bell Telephone Laboratories, Inc. Balloon communication satellite. 3,184,742, 5–18–65, Cl. 343—18.
Cutler-Hammer, Inc.: *See*—
Baker, Dale A. 3,196,278.
Battle, Frederick H., Jr. 3,189,905.
Battle, Frederick H., Jr., and Tatz. 3,191,175.
Brown, Harry W. 3,196,220.
Byrnes, Richard J., Richter, Spink, and Swinehart. 3,197,658.
Byrnes, Richard J., and Weiss. 3,188,529.
Carlson, Elmer T. 3,196,294.
Carter, Uriel F., and Kolb. 3,196,227.
Charlwood, Reginald E., and Fath. 3,195,456.
Dennison, William G. 3,184,574.
Dries, Jerome F. 3,183,409.
Elliot, William H. 3,193,710.
Fath, Douglas W., Fischer, and Siebers. 3,191,530.
Fath, Douglas W., Kleewein, and Lutsch. 3,202,317.
Fath, Douglas W., Kraschinsky, and Lutsch. 3,188,525.
Flattau, Theodore. 3,196,283.
Hallden, Frederick C., Conover, Farkas, and Curtis. 3,225,332.
Hodge, Donald R., Janicki, and Meidel. 3,224,045.
Horner, Fred S., Jr. 3,197,688.
Hyer, Frank S. 3,186,564.
Hyer, Frank S., and Trumble. 3,189,156.
Iglehart, Marion M. 3,223,367.
Keen, Henry S. 3,188,588.
Keen, Henry S. 3,199,055.
Kintner, Paul M. 3,189,755.
Kintner, Paul M. 3,189,902.
Kintner, Paul M. 3,197,656.
Klager, Wallace K. 3,182,402.
Koenig, Martin F. 3,164,752.
Koenig, Martin F. 3,174,078.
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Koertge, Nobel H. 3,187,149.
Kuhn, Clarence W., and Smith. 3,207,868.
Lowman, Roderic V. 3,189,820.
Okwit, Seymour. 3,169,225.
Okwit, Seymour. 3,200,353.
Okwit, Seymour, and Grace. 3,169,196.
Pell, Eric. 3,179,930.
Piber, Earl T. 3,192,352.
Ranson, Richard R. 3,204,169.
Rauenbuehler, John A., and Trumble. 3,207,018.
Reed, Reginald A. 3,164,239.
Rice, William G., and Rusenko. 3,179,759.
Schaeffer, Aaron J. 3,184,645.
Stone, Norman L., and Cavallari, Jr. 3,199,025.
Tatz, Abraham. 3,189,904.
Thomas, Robert D. 3,194,898.
Waldorf, Joseph F. 3,180,961.
White, Warren D., and Sawyer. 3,167,709.
Wilson, Wendell E. 3,214,003.
Cutler, John H., H. H. Britten, and J. B. Stombock, to General Electric Co. Multiple-stage signal translation apparatus including transformer coupling and a bridge circuit. 3,218,567, 11–16–65, Cl. 330—18.
Cutler Laboratories, Inc.: *See*—
Beacham, Robert C. 3,195,228.
Beacham, Robert C. 3,195,758.
Beacham, Robert C. 3,195,759.
Cutler, Mac C., to Filters, Inc. Filter element end cap. 3,186,552, 6–1–65, Cl. 210—457.
Cutler Meat Products Co.: *See*—
Hutelmyer, Joseph V. 3,223,118.
Cutler, Morris, and B. J. Tamarin; said Cutler assor. to said Tamarin. Packaging. 3,166,233, 1–19–65, Cl. 229—51.
Cutler, Robert W., and B. W. Rubley. Plastic injection mold. 3,174,189, 3–23–65, Cl. 18—42.
Cutler, Royal A., to Sterling Drug Inc. Copper, cadmium, and zinc salts of halo-2,2′-dihydroxydiphenyl sulfides and sulfoxides. 3,200,135, 8–10–65, Cl. 260—429.
Cutler, Royal A., and J. S. Buck, deceased (by P. G. Buck, executrix), to Sterling Drug Inc. Substituted 5-indancarboxylic acids and esters. 3,207,779, 9–21–65, Cl. 260—473.
Cutler, Royal A., and S. Schalit, to Sterling Drug Inc. 2-amino-4-arylamino-6-(H-)-1,3,5-triazines. 3,209,003, 9–28–65, Cl. 260—249.9.
Cutolo, Mario, to G. Lanza. Method of producing ionization and luminous emission in a gas or vapor and apparatus for use therein. 3,189,901, 6–15–65, Cl. 343—100.
Cutrona, Joseph: *See*—
Shepard, George A., Brooker, and Cutrona. 3,206,217.
Cuttat, Francois. Mnemotechnic device and method of operation thereof. 3,190,013, 6–22–65, Cl. 35—35.
Cutter, James W., to Sylvania Electric Products Inc. Portable tower construction. 3,181,649, 5–4–65, Cl. 182—152.
Cutter, James W., and H. W. Kowal, to Sylvania Electric Products Inc. Portable tower construction. 3,181,650, 5–4–65, Cl. 182—179.
Cutter Laboratories, Inc.: *See*—
Boynton, William H. and E. C. 3,226,296.
Hink, John H., Jr., and McDonald. 3,168,447.
Lund, Lloyd J. 3,178,350.
Cuttill, William E., to General Motors Corp. Rocket vehicle attitude control. 3,225,693, 12–28–65, Cl. 102—50.
Cutting Room Appliances Corp.: *See*—
Theodosiou, Emmanuel. 3,203,638.
Wendelken, Gerard J. 3,222,005.
Cuvinot, Paul, to Preparation Industrielle des Combustibles. Winding installations. 3,181,837, 5–4–65, Cl. 254—188.
Cuzens, William E.: *See*—
Federighi, George J., and Cuzens. 3,170,309.
Cuzzone, Raymond, to General Electric Co. Leak detector for heat exchangers in gas insulated electric apparatus. 3,173,477, 3–16–65, Cl. 165—70.
Cvacho, Daniel S., to Reynolds Metals Co. Method and apparatus for cutting tubular members from axially advancing tubular stock. 3,165,034, 1–12–65, Cl. 93—80.
Cvacho, Daniel S., and J. R. L. Moller, to Reynolds Metals Co. Production of containers by formation of slits and holes in strip material. 3,215,107, 11–2–65, Cl. 113—120.
Cvacho, Daniel S., and W. C. Whitaker, to Reynolds Metals Co. Method of and apparatus for splicing web material. 3,223,061, 12–14–65, Cl. 113—120.
Cvetko, Henry J., and M. M. Palo, to The Astatic Corp. Stereophonic piezoelectric pickup cartridge. 3,215,785, 11–2–65, Cl. 179—100.41.
Cwik, Joseph A. Rod guides and tips. 3,171,228, 3–2–65, Cl. 43—24.
Cwik, Lester L., to The Glidden Co. Process for making thick-skinned articles comprising polyurethane foam. 3,182,104, 5–4–65, Cl. 264—45.
Cyba, Henryk A., to Universal Oil Products Co. Stabilization of polyolefin plastics with substituted diamino diphenyl alkanes. 3,179,620, 4–20–65, Cl. 260—45.9.
Cyba, Henryk A., to Universal Oil Products Co. Product of the reductive alkylation of 1,3-diamino-2-propanol and a ketone. 3,189,613, 6–15–65, Cl. 260—307.
Cyba, Henryk A., to Universal Oil Products Co. Stabilization of organic substances. 3,197,407, 7–27–65, Cl. 252—46.6.
Cyba, Henryk A., to Universal Oil Products Co. N′-secondary-alkyl-aminoalkyl alkanolamines. 3,197,510, 7–27–65, Cl. 260—584.
Cyba, Henryk A., to Universal Oil Products Co. Ether amine salts of dithiophosphoric acid mono and diesters. 3,201,-447, 8–17–65, Cl. 260—461.
Cyba, Henryk A., to Universal Oil Products Co. Stabilization of lubricants. 3,208,944, 9–28–65, Cl. 252—51.5.
Cyba, Henryk A., to Universal Oil Products Co. Stabilization of lubricants. 3,216,939, 11–9–65, Cl. 252—50.
Cyba, Henryk A., to Universal Oil Products Co. Polymers stabilized with 0-hydroxybenzal aminodiphenylamines or metal co-ordination complexes thereof. 3,216,969, 11–9–65, Cl. 260—45.75.
Cyba, Henryk A., and A. K. Sparks, ½ to Universal Oil Products Co., and ½ to Sun Oil Co. Metal coordination complexes of O-hydroxybenzalphenylhydrozones and solid polymers stabilized therewith. 3,208,968, 9–28–65, Cl. 260—45.75.
Cybernetics Inc.: *See*—
Atanasoff, John V. 3,168,874.
Cycle Equipment Co.: *See*—
Rodrigues, Anthony F. 3,182,991.
Cyclodrama Inc.: *See*—
Caldwell, Frank A., and Brummer. 3,191,182.
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Cypher, James H., and C. E. Valchar, to Pittsburgh Plate Glass Co. Method of bending glass sheets. 3,223,504, 12–14–65, Cl. 65—106.
Cypher, James J., and C. R. Davidson, Jr., to Pittsburgh Plate Glass Co. Method of treating and conveying glass sheets. 3,223,499, 12–14–65, Cl. 65—25.
Cyphers, Elmer B., R. F. Neblett, and C. S. Lynch, to Esso Research and Engineering Co. Colloidal molybdenum complexes and their preparation. 3,223,625, 12–14–65, Cl. 252—18.
Cyprane Ltd.: *See*—
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Cypress Gardens Skis, Inc.: *See*—
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Cypser, Frank J. Loading apparatus for caulking gun. 3,168,120, 2–2–65, Cl. 141—27.
Cyr, Eddie J., E. G. Goldstone, and S. J. Wszolek, to Allen Industries, Inc. Process for making patterned foam padding material. 3,210,447, 10–5–65, Cl. 264—47.
Cyr, Edward T.: *See*—
Kimball, Charles H. 3,190,571.
Cyr, Reginald J.: *See*—
Brock, Charles R., and Cyr. 3,218,607.
Cywinski, Norbert F., to Phillips Petroleum Co. Production of olefins from parafins and acetylenes. 3,211,635, 10–12–65, Cl. 204—162.
Cywinski, Norbert F., and H. J. Hepp, to Phillips Petroleum Co. Production of alkenyl aromatic hydrocarbons. 3,209,-043, 9–28–65, Cl. 260—668.
Cyzer, Bernard. Toothbrush. 3,177,509, 4–13–65, Cl. 15—28.
Cyzer, Bernard. Toothbrush with liquid container. 3,217,-720, 11–16–65, Cl. 132—84.

Czajkowski, Norman, to United States of America, Navy. Spin compensating switch for a projectile fuze. 3,181,466, 5-4-65. Cl. 102—70.2.
Czanderna, Alvin W., to Union Carbide Corp. Ultramicrobalance beam. 3,224,521, 12-21-65, Cl. 177—246.
Czaplicke, Edwin J., and A. Marton, to Wilkinson Chutes, Inc. Foot operated apparatus for door actuation. 3,210,066, 10-5-65, Cl. 268—37.
Czarnecki, Adolph, to Anchor Steel and Conveyor Co. Heavy duty vertical lift conveyor. 3,184,039, 5-18-65, Cl. 198—154.
Czarnecki, Raymond P.: *See*—
Higgins, Philip M., Czarnecki, and Olsen. 3,205,871.
Czarnetzky, Edward J.: *See*—
Forest, Joseph G., and Czarnetzky. 3,184,314.
Czarnomski, Thaddeus J.: *See*—
Manyak, Anthony R., and Czarnomski. 3,226,452.
Czecholinski, Stephen J. Interlocking building blocks for forming movable closures. 3,196,496, 7-27-65, Cl. 20—16.
Czenkusch, Edward, and G. Bjornson, to Phillips Petroleum Co. Polymerization process and catalyst. 3,219,646, 11-23-65, Cl. 260—93.7.
Czerch, Wolfgang, to Farbenfabriken Bayer Aktiengesellschaft. Stable concentrates of organic phosphorus insecticides. 3,205,131, 9-7-65, Cl. 167—42.
Czerkies, John R., and E. C. Peck, to General Electric Co. Package construction and method. 3,202,279, 8-24-65, Cl. 206—80.
Czernobil, Eugene: *See*—
Feinberg, Albert E., and Czernobil. 3,222,626.
Czerwinski, Waclaw, J. A. Chamberlin, and F. A. Woodward, to The de Havilland Aircraft of Canada, Ltd. Rocket propelled missile. 3,167,016, 1-26-65, Cl. 102—49.
Czerwinski, Watson P., to United States of America, Army. Antenna mount. 3,193,227, 7-6-65, Cl. 248—40.
Czike, Gábor: *See*—
Czike, Sándor and G. 3,167,058.
Czike, Sándor and G. Rotary four-cycle internal combustion engine. 3,167,058, 1-26-65, Cl. 123—44.
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Czorny, Vasil P., to Sorenson Research Corp. Catheter placement unit. 3,185,151, 5-25-65, Cl. 128—214.
Czorny, Vasil P. Intravenous catheter placement unit. 3,220,411, 11-30-65, Cl. 128—214.
Czulak, Joseph, to Commonwealth Scientific and Industrial Research Organization. Method and apparatus for manufacturing cheddar, cheshire or like cheese. 3,167,862, 2-2-65, Cl. 31—49.
Czyl, Joseph L.: *See*—
Brady, Robert T., McInerney, and Czyl. 3,226,038.
McInerney, Michael J., and Czyl. 3,224,487.
Czyzewski, Alfred: *See*—
Arndt, Friedrich, Czyzewski, Griebsch, and Liedtke. 3,175,896.
Czyzewski, Alfred, and A. Jager, to Schering, A.G. Pesticidal 3-methyl-5-isopropyl phenol esters of N-mono- and N-dimethcarbamic acid. 3,167,472, 1-26-65, Cl. 167—30.
DASA Corp.: *See*—
Walker, Richard K. 3,197,572.
D.B.A. (Ducellier-Bendix-Air Equipment): *See*—
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D.B.A., Societe Anonyme: *See*—
Gancel, Pierre. 3,182,753.
Thirion, Rene A. L. 3,165,173.
Thirion, Rene A. L. 3,200,579.
DCA Food Industries, Inc.: *See*—
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DCD Research Corp.: *See*—
Dietz, Victor H. 3,207,161.
Dietz, Victor H. 3,215,139.
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Schaben, Clarence M., and Sunter. 3,210,127.
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D.S.T. Pattern and Engineering Co. Ltd.: *See*—
Smith, Eric, and Scholes. 3,163,878.
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Daalderop, Wilhelmus H. J. D., to Koninklijke Metaalwarenfabrieken v/h J. N. Daalderop & Zonen, N.V. Eccentric press with feeding mechanism. 3,180,294, 4-27-65, Cl. 113—113.
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Justus, Edgar J., and Daane. 3,218,671.
Dabelle, Godfrey R., to E. D. Etnyre & Co. Pavement sealer spreader apparatus. 3,199,875, 8-10-65, Cl. 275—14.
Daberkow, Kurt, to Rheinstahl Siegener Eisenbahnbedarf G.m.b.H. Apparatus for transporting goods. 3,177,816, 4-13-65, Cl. 105—369.
Dabernard, Pierre, and R. Guilloteau, to Commissariat a l'Energie Atomique. Machine for separating irradiated fuel slugs from their jackets. 3,173,320, 3-16-65, Cl. 83—102.
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Daboval, Jacques: *See*—
Facquet, Louis, Daboval, and Chauvin. 3,203,877.
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Dacey, George C., C. A. Lee, and W. Shockley, to Bell Telephone Laboratories, Inc. Mesa-transistor with impurity concentration in the base increasing toward collector junction. 3,202,887, 8-24-65, Cl. 317—234.
Dachinger, Hugo. Suspension device. 3,184,204, 5-18-65, Cl. 248—323.
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Cuches, John P., and Frazier. 3,221,191.
Dacons, Joseph C.: *See*—
Kamlet, Mortimer J., and Dacons. 3,219,706.
Dacor Corp.: *See*—
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Mitchell, Wallace F. 3,216,416.
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Da Costa, Harry, to Motorola, Inc. Optical apparatus for positioning a workpiece. 3,175,458, 3-30-65, Cl. 88—14.
Da Costa, Harry, to Motorola, Inc. Method for making semiconductor devices employing a hollow, slotted cylindrical jig and vertical mounting posts. 3,204,327, 9-7-65, Cl. 29—155.5.
D'Adamo, Joseph B., to General Electric Co. Stiff lead base. 3,219,965, 11-23-65, Cl. 339—145.
Dadamo, Richard J., and W. M. Hennessey, to Burroughs Corp. Magnetic core memories. 3,210,745, 10-5-65, Cl. 340—174.
D'Addieco, Alfred A., to E. I. du Pont de Nemours and Co. Hydroxylation process for olefinic higher fatty acid and fatty acid ester. 3,169,139, 2-9-65, Cl. 260—406.
Daddona, Domenic J., Jr., to Scovill Mfg. Co. Snap fastener. 3,195,200, 7-20-65, Cl. 24—208.
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Aitken, Roxburgh R., Dadson, and Meyrick. 3,210,439.
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Daech, Alfred F., to Kalvar Corp. Vesicular type photographic materials comprising a polyurethane resin containing light decomposable compounds. 3,208,850, 9-28-65, Cl. 96—91.
Daellenbach, Francis O. Record player repeat attachment. 3,169,774, 2-16-65, Cl. 274—14.
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Daesen, John R. Method and pre-flux for coating ferrous metals with nickel prior to galvanizing. 3,206,324, 9-14-65, Cl. 117—51.
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Dagle, Glenn C., J. L. Vala, and R. D'Hondt. Mail carrier for a pneumatic system. 3,201,064, 8-17-65, Cl. 243—35.
Dagley, Leo J., Jr.: *See*—
Norwood, Donald D., and Dagley. 3,189,592.
Daglish, Anthony F., R. Vonderwahl, and G. A. Tillotson, to J. R. Geigy A.-G. Composition of matter of improved appearance in daylight, containing a 3,5-diaminopyrazine-2,6-dicarboxylic acid derivative. 3,175,980, 3-30-65, Cl. 252—301.2.
Daglish, Anthony F., R. Vonderwahl, and G. A. Tillotson, to J. R. Geigy, A.-G. 3,5-diaminopyrazine-2,6-dicarboxylic acid derivatives as optical brightening agents in cosmetic fatty creams. 3,201,315, 8-17-65, Cl. 167—90.
Dagneau, Mervyn B., R. L. Noland, and W. C. Travis, to Haveg Industries, Inc., wholly-owned subsidiary of Hercules Powder Co. Anti-chunking. 3,194,013, 7-13-65, Cl. 60—35.6.
D'Agostino, Amerigo. Word forming device. 3,200,517, 8-17-65, Cl. 35—35.
D'Agostino, Domenico. Voltage stabilizing equipment for use with a fluctuating A.C. voltage. 3,209,239, 9-28-65, Cl. 323—45.
D'Agostino, Nunzio L.: *See*—
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Daguier, Maurice. Heat-treatment process for metallic and other products. 3,167,459, 1-26-65, Cl. 148—13.1.
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Oas, Richard E., Dahill, and Johnson. 3,196,021.

Dahl, Calvin M. Ashtray with electrically operated alarm device. 3,205,900, 9–14–65, Cl. 131—238.
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Justus, Edgar J., and Dahl. 3,223,339.
Sorenson, Alan R., Westbrook, and Dahl. 3,194,061.
Dahl, Edward T., to George W. Dahl Co., Inc. Valve assembly for supplying and venting pressure fluid. 3,182,678, 5–11–65, Cl. 137—102.
Dahl, Edwin G. Gun recoil, flash and sound reducer assembly. 3,164,060, 1–5–65, Cl. 89—14.
Dahl, Frederick L., J. H. Hoke, and S. Cohen, to Kollsman Instrument Corp. Gear head assembly. 3,198,028, 8–3–65, Cl. 74—409.
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Dahl, Walter L., to E. I. du Pont de Nemours and Co. Explosive release ignition assembly. 3,188,914, 6–15–65, Cl. 89—1.
Dahl, Walter L., to E. I. du Pont de Nemours and Co. Explosive release fastener. 3,196,746, 7–27–65, Cl. 89—1.
Dahl, Warren F., to Standard Pressed Steel Co. Semi-conductor housing and method of making the same. 3,198,874, 8–3–65, Cl. 174—52.
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Dahlberg, Reinhard, to Clevite Corp. Method and means for contacting and mounting semi-conductor devices. 3,200,-468, 8–17–65, Cl. 29—25.3.
Dahlberg, Robert S., Jr., to Philco Corp. Non-linear digital-to-analog converter. 3,223,993, 12–14–65, Cl. 340—347.
Dahlberg, Truman L., and L. E. Thompson, to De Sota Chemical Coatings, Inc. Disposable paint tray and package including same. 3,184,050, 5–18–65, Cl. 206—47.
Dahlberg, William F., to Goodman Mfg. Co. Torque limiting clutch. 3,171,270, 3–2–65, Cl. 64—30.
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Dahle, Orvar, to Allmänna Svenska Elektriska Aktiebolaget. Means for measuring tensile or compressive stresses in an object of magnetostrictive material. 3,184,963, 5–25–65, Cl. 73—88.5.
Dahlem, David H., W. Mitchell, Jr., and C. L. Sollenberger, to Allis-Chalmers Mfg. Co. Mineral concentration. 3,218,-151, 11–16–65, Cl. 75—1.
Dahlen, Theodore E., to International Telephone and Telegraph Corp. Electrical connector having RF filter. 3,200,-355, 8–10–65, Cl. 333—79.
Dahlgren, Harold P. Means for dampening lithographic offset printing plates. 3,168,037, 2–2–65, Cl. 101—148.
Dahlgren, John V. S., to The Wilcolator Co. Pressure operated switch with lever which rocks freely about its transverse axis through two points of engagement. 3,183,329, 5–11–65, Cl. 200—140.
Dahlgren, John V. S., to The Wilcolator Co. Timer adjusted oven temperature control. 3,191,861, 6–29–65, Cl. 236—15.
Dahlgren, Jöns A. Power plant for superheating the steam originating from the steam generator of a nuclear pressurized water reactor. 3,197,380, 7–27–65, Cl. 176—65.
Dahlgren, Victor F., to Sanders Associates, Inc. Encapsulated article and method of making. 3,186,887, 6–1–65, Cl. 156—298.
Dahlgren, Victor F., to Sanders Associates, Inc. Encapsulated conductive paths with readily removable insulation. 3,226,-473, 12–28–65, Cl. 174—117.
Dahlhauser, Anthony H. Article support bracket. 3,195,846. 7–20–65, Cl. 248—224.
Dahlin, Carl E. I., to von Tell Trading Co. AB. Device for stowing hatch covers on ships. 3,185,206, 5–25–65, Cl. 160—193.
Dahlin, Erik B., to Honeywell Inc. Selectively variable sequential signal generator. 3,217,152, 11–9–65, Cl. 235—197.
Dahlke, Edwin A. Baseboard convector bridging carpet stretcher base. 3,216,702, 11–9–65, Cl. 254—57.
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Dahm, Manfred, to Farbenfabriken Bayer Aktiengesellschaft. Preparation of a polyurethane foam containing elemental sulphur. 3,222,301, 12–7–65, Cl. 260—2.5.
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Dail, John P., Jr., to Starline, Inc. Material unloader and spreader. 3,176,994, 4–6–65, Cl. 275—3.
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Dailey, Joseph P., to Armour Pharmaceutical Co. Process for treating hypercholesteralemia. 3,197,371, 7–27–65, Cl. 167—65.
Daily, Alan F., to Kollmorgen Optical Corp. Wall periscope. 3,204,523, 9–7–65, Cl. 88—72.
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Dain, John, and G. O. Chalk, to English Electric Valve Co. Ltd. Parametric frequency converting electron discharge tubes. 3,189,750, 6–15–65, Cl. 307—88.3.
Daines, Geoffrey A., to Westinghouse Electric Corp. Fabricating apparatus for a vitreous lamp member. 3,208,840, 9–28–65. Cl. 65—155.
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Dalby, Gaston, and H. C. Fisher, to H. C. Fisher Co. Emulsifier for cake batters. 3,164,476, 1–5–65, Cl. 99—92.
Dale, Brian, and J. Royan, to Transitron Electronic Corp. Method of manufacturing semiconductive devices. 3,212,160, 10–19–65, Cl. 29—25.3.
Dale, Charles O., and A. Cantabene. Magnetically actuated control for thermosyphoning refrigerator system. 3,224,727, 12–21–65, Cl. 251—65.
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Root, Raymond C. 3,202,291.
Root, Raymond C. 3,209,300.
Dale, Glenn H., to Phillips Petroleum Co. Fractional crystallization control system. 3,218,818, 11–23–65, Cl. 62—58.
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D'Alelio, Gaetano F., to Dal Mon Research Co. Unsaturated triazine compounds. 3,165,515, 1–12–64, Cl. 260—248.
D'Alelio, Gaetano F., to Dal Mon Research Co. Irradiated polymers and propulsion process. 3,203,169, 8–31–65, Cl. 60—35.4.
D'Alelio, Gaetano F., to Dal Mon Research Co. Irradiated polymers and propulsion process. 3,203,170, 8–31–65, Cl. 60—35.4.
D'Alelio, Gaetano F., to Dal Mon Research Co. Oxygen convertible polymeric compositions. 3,203,915, 8–31–65, Cl. 260—23.7.
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D'Alelio, Gaetano F., to Dal Mon Research Co. Unsaturated triazine compounds. 3,210,351, 10–5–65, Cl. 260—248.
D'Alelio, Gaetano F., to Dal Mon Research Co. Isobutylene-diene copolymerization by low temperature irradiation. 3,214,358, 10–26–65, Cl. 204—154.
D'Alelio, Gaetano F., 75% to G. F. D'Alelio and 25% to W. J. Monacelli. Chelating monomers and polymers of amino acids having a vinyl aryl nucleus. 3,214,413, 10–26–65, Cl. 260—78.
D'Alelio, Gaetano F., to Scott Paper Co. Radiative processing of thermoplastic polymers. 3,224,951, 12–21–65, Cl. 204—158.
D'Alelio, Gaetano F., to Scott Paper Co. Process of foaming a carbonate containing polymer containing an initiator. 3,224,983, 12–21–65, Cl. 260—2.5.
D'Alelio, Gaetano F., to Scott Paper Co. Itaconic esters of 1,2 alkane carbonates, polymers, and copolymers thereof. 3,225,008, 12–21–65, Cl. 260—77.5.
D'Aleilo, Gaetano F., to Scott Paper Co. Ethylene dicarboxylic esters of 1,2 alkane carbonates, polymers, and copolymers thereof. 3,225,009, 12–21–65, Cl. 260—77.5.
D'Alelio, Gaetano F., to Scott Paper Co. Ethylene dicarboxylic esters of 1,2 alkane ketals. 3,225,014, 12–21–65, Cl. 260—78.4.
D'Alelio, Gaetano F., to Scott Paper Co. Itaconic acid esters of 1,2 alkane ketals. 3,225,015, 12–21–65, Cl. 260—78.4.
D'Alelio, Gaetano F., to W. R. Grace & Co. Polyethylene synthesis. 3,225,024, 12–21–65, Cl. 260—94.9.
D'Alelio, Gaetano F., to Scott Paper Co. Organic cyclic carbonates. 3,225,063, 12–21–65, Cl. 260—340.2.
D'Alelio, Gaetano F., and R. W. Voedisch, to Lawter Chemicals Inc. Daylight fluorescent compositions. Re. 25,845, 8–31–65, Cl. 252—301.2.
Dalen, Sten G., and S. Mogensen, to Svenska Aktiebolaget Gasaccumulator. Method for the production of a rigid mass for acetylene gas accumulators. 3,189,474, 6–15–65, Cl. 106—86.
Dalenberg, Erwin C.: *See*—
Constance, Frederick G., and Dalenberg. 3,169,572.
Mayer, Charles M., Dahlenberg, and Constance. 3,186,401.
D'Alessandro, Joseph. Flat-iron provided with a steam ejection device. 3,184,871, 5–25–65, Cl. 38—77.
D'Alessandro, Nicola T.: *See*—
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Daley, Bernard M. Cast metal street curb. 3,203,327, 8–31–65. Cl. 94—31.
Daley, Catherine G. Shoe-tree accessory. 3,200,427, 8–17–65, Cl. 12—128.
Daley, Charles E. Portable and disposable gasoline container. 3,170,601, 2–23–65, Cl. 222—153.
Daley, Eugene J. Bathroom and kitchen molding. 3,222,837, 12–14–65, Cl. 52—288.
Daley, Horace S., and R. R. Thompson, to The Singer Co. Beater-brush roller for vacuum cleaner. 3,225,374, 12–28–65, Cl. 15—183.
Daley, Robert E. Method of and apparatus for pouring ingots. 3,166,806, 1–26–65, Cl. 22—147.
Daley, Robert E. Reuseable hot top. 3,166,807, 1–26–65, Cl. 22—147.
Daley, Robert E. Hot top gasket. 3,186,042, 6–1–65, Cl. 22—147.
Daley, Robert E. Hot top with dead air space. 3,216,688. 11–9–65, Cl. 249—197.
Dalgleish, Earl H. Adjustable passenger safety guard. 3,165,333, 1–12–65, Cl. 280—150.
Dalhart, Austin T. Spinning top. 3,201,896, 8–24–65, Cl. 46—65.
Dalin, George A., to Yardney International Corp. Terminal connection for electric batteries. 3,179,538, 4–20–65, Cl. 136—134.
Dalk, Antoon J. J. I. M. C. K. J. P. W. E.: *See*—
Van Droogenbroek, Jean F., and Dalk. 3,220,421.
Dall, Albert H.: *See*—
Uhtenwoldt, Herbert R., and Dall. 3,176,590.
Dall, Albert H., to The Cincinnati Milling Machine Co. Machine tool rigidity control mechanism. 3,209,498, 10–5–65, Cl. 51—165.
Dall, Albert H., to The Cincinnati Milling Machine Co. Machine tool hydraulic system. 3,220,312, 11–30–65, Cl. 90—11.
Dall, Beatrice L.: *See*—
Dall, Edward D. 3,207,554.
Dall, Edward D., deceased, by B. L. Dall, administratrix. Adjustable seat with seat belt. 3,207,554, 9–21–65, Cl. 297—385.
Dallas, Alexander G., and J. L. Figgles. Displacement measuring transducer. 3,181,355, 5–4–65, Cl. 73—167.
Dallas, Donald E., Jr., to Ludlow Corp. Skin packaging method and apparatus. 3,204,384, 9–7–65, Cl. 53—22.
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Pitman, William B. 3,174,155.
Dall'Asta, Gino: *See*—
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Daller, John G. Instrument for laying-out tools and the like. 3,173,214, 3–16–65, Cl. 33—189.

Dally, James W., to Therm, Inc. Digital indicating pressure gage. 3,207,871, 9–21–65, Cl. 200—82.
Dally, James W., R. E. Kenyon, and R. H. Cornish, to Therm, Inc. Capacitor strain gage. 3,206,970, 9–21–65, Cl. 73—88.5.
Dally, Roy, to General Electric Co. Stylus captivator for phonograph cartridge. 3,219,352, 11–23–65, Cl. 274—25.
Dally, Roy, to General Electric Co. Attachment of a needle-carrying member in a phonograph stylus assembly. 3,220,737, 11–30–65, Cl. 274—37.
Dally, Roy, to General Electric Co. Method and apparatus for mounting the needle-carrying member of a phonograph stylus assembly. 3,220,738, 11–30–65, Cl. 274—37.
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D'Alelio, Gaetano F. 3,165,515.
D'Alelio, Gaetano F. 3,203,169.
D'Alelio, Gaetano F. 3,203,170.
D'Alelio, Gaetano F. 3,203,915.
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Dalrymple, Wayne W., to The Boeing Co. Endless track for a track laying vehicle. 3,223,462, 12–14–65, Cl. 305—34.
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Dalton, Frank E. Apparatus for mounting bearing assemblies on a shaft. 3,191,259, 6–29–65, Cl. 29—201.
Dalton, John B., and R. S. Elliott, to The Dalton Foundries, Inc. Tractor device for vehicle tires. 3,192,983, 7–6–65, Cl. 152—221.
Dalton, John F., to Ametek, Inc. Variable force spring motor. 3,209,863, 10–5–65, Cl. 185—37.
Dalton, Neville J., to Orendorff Mfg. Co. Implement rotary draw bar and hitch connections. 3,213,554, 10–26–65, Cl. 37—145.
Dalton, Oliver, to Tektronix, Inc. Triggering circuit for automatically changing the mode of operation of a signal generator. 3,215,948, 11–2–65, Cl. 331—59.
Dalton, Oran G., J. L. McDaniel, and R. K. May, to General Dynamics Corp. Method for forming articles. 3,187,608, 6–8–65, Cl. 76—108.
Dalton, Robert H., to Corning Glass Works. Opaque glass enclosure of specific composition for semiconductor device. 3,169,217, 2–9–65, Cl. 317—234.
Dalton, Thomas B., to Westran Corp. King-pin lock structure and operating mechanism. 3,171,672, 3–2–65, Cl. 280—437.
Dalton, Thomas B., to Westran Corp. Landing gear structure for semi-trailers and the like. 3,182,956, 5–11–65, Cl. 254—86.
Dalton, Thomas B., to Westran Corp. Landing gear for semi-trailer vehicles and the like. 3,182,957, 5–11–65, Cl. 254—86.
Dalton, Thomas B., to Westran Corp. No-back device for semi-trailer landing gear legs and the like. 3,201,086, 8–17–65, Cl. 254—86.
Dalton, Thomas B., to Westran Corp. Landing gear structure for semi-trailers and the like. 3,201,087, 8–17–65, Cl. 254—86.
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Daly, John W. Bows. 3,171,397, 3–2–65, Cl. 124—24.
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Dalzell, Clarence W., to Sperry Rand Corp. Reversible motor control for sector scanning system. 3,166,699, 1–19–65, Cl. 318—30.
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Dalziel, Charles F. Miniature differential circuit breaker. 3,213,321, 10–19–65, Cl. 317—18.
Dam, Reynier W., A. C. A. M. Bleyenberg, A. J. de Rooy, J. W. Gibson, and E. C. Schuenzel, to North American Philips Co., Inc. Method of manufacturing a magnet core for use as a memory element. 3,188,290, 6–8–65, Cl. 252—62.5.
Daman, Arthur C., to Denver Equipment Co. Screening type peripheral discharge mill. 3,184,171, 5–18–65, Cl. 241—83.
Daman, Arthur C., to Denver Equipment Co. Apparatus for promoting liquid-gas contact. 3,186,700, 6–1–65, Cl. 266—15.
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Damani, Sharda D.: *See*—
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Damask, Arthur C., to United States of America, Army. Method of improving properties of an alloy by radiation. 3,193,678, 7–6–65, Cl. 250—49.5.
Damast, David. Securing washers. 3,213,501, 10–26–65, Cl. 24—95.
D'Amato, Michael A. Variable displacement pump. 3,175,510, 3–30–65, Cl. 103—162.
D'Amato, Michael A. Automatic control for variable displacement pump. 3,221,660, 12–7–65, Cl. 103—38.
D'Amato, Vitngelo, to Lepetit S.p.A. Topical anti-rheumatic compositions comprising tetrahydrofurfuryl 3-pyridylacetate. 3,200,038, 8–10–65, Cl. 167—65.
Dambrogio, Edward J., to Western Electric Co., Inc. Filament guide. 3,175,784, 3–30–65, Cl. 242—128.
D'Ambrosio, Teresa. Lingerie strap retainer. 3,181,214, 5–4–65, Cl. 24—73.
Dameral, Ray C., to Herst Lighting Corp. Indirect lighting fixture system. 3,214,580, 10–26–65, Cl. 240—51.11.
Damerau, Edward A., and R. H. Jenkins, to Radio Corp. of America. Rigid information storage device upon which a layer of resilient material is disposed. 3,212,075, 10–12–65, Cl. 340—174.1.
Damerell, Vivian R., to The Warren Refining and Chemical Co. Method of preparing an aluminum oxide gel and lubricating compositions thereof. 3,174,930, 3–23–65, Cl. 252—25.
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Dames, Carl W., Jr., to Polymer Processes, Inc. Roll covers. 3,184,828, 5–25–65, Cl. 29—129.
Dames, Carl W., Jr., and R. W. Boyer, to Polymer Processes, Inc. Method of molding lactams in a polysiloxane mold. 3,222,443, 12–7–65, Cl. 264—313.
Dames, Hans-Joachim. Machine for peeling produce. 3,186,457, 6–1–65, Cl. 146—43.
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D'Amico, John. Hair thinner attachment having certain teeth spaced from the cutting edge of a blade. 3,180,026, 4–27–65, Cl. 30—30.
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D'Amico, John J., to Monsanto Co. (Azabicyclononylthio) azoles. 3,187,000, 6–1–65, Cl. 260—302.
D'Amico, John J., to Monsanto Co. Controlling undesired vegetation with benzyl hexamethylenimine carbothioates. 3,224,861, 12–21–65, Cl. 71—2.5.
D'Amico, John J., to Monsanto Co. Certain thiazolo[3,2-*a*] benzimidazoles and their production. 3,225,059, 12–21–65, Cl. 260—306.8.
D'Amico, John J., and M. W. Harman, to Monsanto Co. Manufacture of thiolcarbamates. 3,167,571, 1–26–65, Cl. 260—455.
D'Amico, John J., to Monsanto Co. Destroying vegetation with 4-nitrose 1-piperazine-thiocarboxylates. 3,198,621, 8–3–65, Cl. 71—2.5.
D'Amico, John J., and M. W. Harman, to Monsanto Co. 2,5-dichlorobenzyl diisopropyldithiocarbamate. 3,207,775, 9–21–65, Cl. 260—455.
D'Amico, John J., to Monsanto Co. Vegetation control with unsaturated hydrocarbon esters of N,N-disubstituted thionocarbamic acids. 3,224,863, 12–21–65, Cl. 71—2.5.
D'Amico, John J., and C. C. Tung, to Monsanto Co. 6-(1,2,3,4-tetrahydro - 2 - thioxo - 4,4,6 - trimethyl - 1 - pyrimidinyl)-2-benzothiazolylthiocarbamates. 3,225,040, 12–21–65, Cl. 260—247.1.
D'Amico, John J., and C. C. Tung, to Monsanto Co. 6-(1,2,3,4-tetrahydro-2-thioxo-4,4,6-trimethyl-1-pyrimidinyl)-benzothiazolylthio-carbonates. 3,225,049, 12–21–65, Cl. 260—256.5.
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Damm, Eugene P., Jr., to International Business Machines Corp. Method of coating finely divided metal particles. 3,185,589, 5–25–65, Cl. 117—100.

Damm, Klaus, and H.-E. Gottgens, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of siloxane-coated separating paper. 3,194,680, 7–13–65, Cl. 117—155.
Dammar, Raymon H., to Possis Machine Corp. Wire tensioning apparatus. 3,164,335, 1–5–65, Cl. 242—147.
Dammer, August, and W. Breuing, to Rheinstahl Huttenwerke AG. Manufacture of steel. 3,199,976, 8–10–65, Cl. 75—59.
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Millson, Henry E., Glaeser, and Dammicci. 3,179,483.
Dammicci, James, to American Cyanamid Co. Propylene dyeing method. 3,179,486, 4–20–65, Cl. 8—115.5.
Damon, Glenn H., J. Ribovich, and J. A. Herickes, to United States of America, Navy. Method of fuel unit assembly. 3,185,018, 5–25–65, Cl. 86—20.
Damon, James J., to Ford Motor Co. Hydraulic plunger type shock absorber having separate jounce and rebound passages. 3,181,656, 5–4–65, Cl. 188—88.
Damon, James J., to Ford Motor Co. Hydraulic shock absorber having external jounce and rebound passages. 3,213,973, 10–26–65, Cl. 188—97.
Damon, Lloyd E., to Olin Mathieson Chemical Corp. Welding apparatus. 3,201,561, 8–17–65, Cl. 219—125.
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Damon, Roger H., Jr., to Fairbanks Morse Inc. Transducer mounting in weighing apparatus. 3,224,520, 12–21–65, Cl. 177—210.
Damon, Roger H., Jr., and J. C. Merrill, deceased, by B. C. Merrill, administratrix, to Fairbanks Morse Inc. Recorder mechanism control. 3,180,573, 4–27–65, Cl. 235—61.
Damon, Wayne E., to General Motors Corp. Controllable frequency magnetically coupled multivibrator. 3,223,945, 12–14–65, Cl. 331—113.
Da Moude, Homer H. Modulator shaper for frequency shift transmitter. 3,197,705, 7–27–65, Cl. 325—163.
Dampster, James W.. C. R. Cooley, and S. C. Voorhees, to Dempster Bros., Inc. Apparatus for handling containers. 3,175,718, 3–30–65, Cl. 214—516.
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Damron, William M., to Lehn & Fink Products Corp. Mixing device. 3,204,283, 9–7–65, Cl. 15—510.
Damsz, George J., to North American Philips Co., Inc. Cool-down time of installation incorporating stirling cycle refrigerator. 3,220,200, 11–30–65, Cl. 62—6.
Damsz, Jerzy G., to North American Philips Co., Inc. Apparatus for the automatic transfer of cryogenic liquid from a cold source to a storage vessel. 3,206,938, 9–21–65, Cl. 62—55.
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Dancer, Stuart N., to The Distillers Co. Ltd. Purification of butadiene by oxidation to remove acetylene. 3,202,727, 8–24–65, Cl. 260—681.5.
Dancy, William B. Solution mining system using heat exchange tubes. 3,205,012, 9–7–65, Cl. 299—4.
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Fried, Louis, and D'Andrea. 3,220,599.
D'Andrea, Angelo R., J. J. Walsh, and W. F. Becker, Jr. Receptacle having means for providing a pour opening in a wall thereof. 3,190,485, 6–22–65, Cl. 220—48.
Danehy, Aloysius L. Fastener. 3,171,182, 3–2–65, Cl. 24—221.
Danek, August J., to Controls Co. of America. Synchronous motor including additional rotor pole to facilitate starting. 3,189,771, 6–15–65, Cl. 310—156.
Danek, August J., A. E. Visin, and T. M. Clune, to Controls Co. of America. Timer. 3,214,985, 11–2–65, Cl. 74—54.
Danel, Pierre F., to Societe Grenobloise d'Etudes et d'Applications Hydrauliques. Pressure controllers. 3,177,895, 4–13–65, Cl. 137—514.5.
Daneman, Ben, to Central Engineering Co., Inc. Street cleaning apparatus. 3,189,932, 6–22–65, Cl. 15—340.
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Danforth, Donald W., to John W. Bolton & Sons, Inc. Freeness testing apparatus and method. 3,186,215, 6–1–65, Cl. 73—63.
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Roelsgaard, Knud. 3,187,992.
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Sorensen, Carl, and Nielsen. 3,190,146.
Valbjorn, Knud V. 3,187,994.
Valbjorn, Knud V. 3,197,127.
Dangauthier, Marcel, to Societe d'Etudes et d'Applications Industrielles Commerciales et "Immobilieres Inter-Technique." Steering of motor vehicles having a compact motor-gearbox-differential unit in vertical alignment with a forward driving axle. 3,186,507, 6–1–65, Cl. 180—42.
Dangauthier, Marcel, to Societe d'Etudes et d'Applications Industrielles Commerciales et Immobilieres Inter-Technique. Automobile vehicle suspension. 3,201,142, 8–17–65, Cl. 280—106.5.
Dangauthier, Marcel, to Societe d'Etudes et d'Applications Industrielles Commerciales et Immobilieres Inter-Technique. Drive of the input shaft of a gearbox. 3,207,280, 9–21–65, Cl. 192—110.
Dangauthier, Marcel, to La Publicite Francaise. System for cooling the engine of a motor vehicle and heating the air of the vehicle. 3,221,720, 12–7–65, Cl. 123—41.09.
Danhier, Francois G., to La Soudure Electrique Autogene, S.A. Process and apparatus for joining steel work by automatic and semi-automatic electric arc welding. 3,171,013, 2–23–65, Cl. 219—137.
Danhier, Francois G., to La Soudure Electrique Autogene, S.A. Flux-cored electrode and process of welding. 3,177,340, 4–6–65, Cl. 219—146.
Danhier, Francois G., to La Soudure Electrique Autogene, S.A. Welding rod and electrode. 3,193,661, 7–6–65, Cl. 219—146.
Danhier, Francois G., to La Soudure Electroque Autogene, S.A. Process and apparatus for electric fusion welding. 3,200,-232, 8–10–65, Cl. 219—73.
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Daniel, Elbert H., C. C. Akers, N. W. Mitchell, and S. E. Forsyth, to Phillips Petroleum Co. Catalytic process for cracking oils containing metallic contaminants. 3,190,828, 6–22–65, Cl. 208—78.
Daniel, Ernest L., and P. Nador, to Northern Electric Co. Ltd. Multiple-circuit connecting device. 3,178,670, 4–13–65, Cl. 339—65.
Daniel, Francis L. Musical instruments. 3,196,730, 7–27–65, Cl. 84—293.
Daniel, George I. Combination scaffold and ladder. 3,190,-390, 6–22–65, Cl. 182—1.
Daniel, George I. Combination scaffold and ladder. 3,190,-396, 6–22–65, Cl. 182—1.
Daniel, Harold C., and W. F. Southard. Work clamping device. 3,172,654, 3–9–65, Cl. 269—93.
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Koral, Jerry N., Bruner, and Daniel. 3,218,280.

Daniel Orifice Fitting Co.: *See*—
Hodgeman, Herbert H., and Slaughter. 3,176,723.
Daniel, Richard E., to Hoffman Electronics Corp. Frequency shift converter mark restorer circuit. 3,164,773, 1–5–65, Cl. 325—320.
Daniel, Robert L.: *See*—
Kitterman, Donald M., Magers, and Daniel. 3,164,306.
Daniel, William H. Sewage treatment apparatus. 3,204,768, 9–7–65, Cl. 210—197.
Daniele, Donald T., and E. C. Witt, Jr., to Diamond National Corp. Pulp molding machine. 3,166,468, 1–19–65, Cl. 162—392.
Danielewicz, Stanley F. Fishing pole holder. 3,204,899, 9–7–65, Cl. 248—46.
Danieli, Henrik, and E. Monestam. Exchanging machine for control rod assembly in a nuclear reactor. 3,186,915, 6–1–65, Cl. 176—33.
Daniels, Alvin F., and A. S. Swanson, to G. H. Tennant Co. Scrubbing device. 3,206,787, 9–21–65, Cl. 15—320.
Daniels, Carl W., to Arco Corp. Rotatable multiple-lead electrical connector. 3,193,636, 7–6–65, Cl. 200—51.12.
Daniels, Charles J., and D. B. Doolittle, to All American Engineering Co. Programmed arrest gear tape. 3,172,504, 3–9–65, Cl. 188—90.
Daniels, Charles K., to Laboratory for Electronics, Inc. Vehicle detection and counting system. 3,182,312, 5–4–65, Cl. 343—7.
Daniels, Dennis, to Houdaille Industries, Inc. Punching apparatus. 3,176,569, 4–6–65, Cl. 83—559.
Daniels, Dennis, to Houdaille Industries, Inc. Clamping mechanism. 3,176,973, 4–6–65, Cl. 269—153.
Daniels, Dennis, to Houdaille Industries, Inc. Work support. 3,181,858, 5–4–65, Cl. 269—296.
Daniels, Dennis, to Houdaille Industries, Inc. Workpiece alignment structure. 3,187,615, 6–8–65, Cl. 83—413.
Daniels, Dennis, to Houdaille Industries, Inc. Punching machine having tool ejector. 3,195,386, 7–20–65, Cl. 83—162.
Daniels, Dennis, to Houdaille Industries, Inc. Switch interlock structure. 3,209,634, 10–5–65, Cl. 83—399.
Daniels, Dennis, to Houdaille Industries, Inc. Fluid coupling with variable flow restricting means. 3,209,786, 10–5–65, Cl. 138—43.
Daniels, Dennis, to Houdaille Industries, Inc. Fluid-actuated positioning means. 3,218,934, 11–23—65, Cl. 91—167.
Daniels, Edward G., and J. W. Hinman, to The Upjohn Co. Process for preparation of kidney extracts. 3,172,813, 3–9–65, Cl. 167—74.6.
Daniels, Franc P., Jr. Tree balling machine with excavating means comprising a downward pressure component and a horizontally rocking component. 3,210,867, 10–12–65, Cl. 37—2.
Daniels, Franklin W., to General Electric Co. Electrical capacitor with thermal fuse. 3,225,276, 12–21–65, Cl. 317—256.
Daniels, Gordon E. Earth Scraper. 3,221,423, 12–7–65, Cl. 37—126.
Daniels, Howard L., and D. K. Sampson, to Sperry Rand Corp. Magnetic disc file positional information apparatus. 3,212,-074, 10–12–65, Cl. 340—174.1.
Daniels, Humphrey B., ½ to Transatlantic Plastics Ltd. Clip for flexible sheet. 3,225,407, 12–28–65, Cl. 24—243.
Daniels, Joseph, to Koppers Co., Inc. Apparatus for removal by means of sluices of the gasification residues from spaces prevailing under increased pressure. 3,175,566, 3–30–65, Cl. 134—166.
Daniels, Joseph, to Koppers Co. Inc. Apparatus for repulverising a compressed plug. 3,182,920, 5–11–65, Cl. 241—282.
Daniels, Paul J., to The Bastian-Blessing Co. Beverage dispenser. 3,171,571, 3–2–65, Cl. 222—94.
Daniels, Rupert S., and B. P. Barth, to Union Carbide Corp. Epoxy resin abrasive structures and method therefor. 3,226,214, 12–28–65, Cl. 51—298.
Daniels, Russell W.: *See*—
Singer, Robert B., Gallagher, Daniels, and Cottrell. 3,207,249.
Daniels, Thaddeus E., and J. R. Hacker, to United States of America, Navy. Shielded electrical connector. 3,171,-706, 3–2–65, Cl. 339—143.
Daniels, Walter. Door frame and brace therefor. 3,166,164, 1–19–65, Cl. 189—46.
Daniels, Wiley E., to General Aniline & Film Corp. Process for producing a solid crystalline stable complex of bromine and 2-pyrrolidone. 3,174,980, 3–23–65, Cl. 260—326.5.
Daniels, Wiley E., to General Aniline & Film Corp. Process for the preparation of a stable complex of bromine and pyrrolidone-2. 3,174,981, 3–23–65, Cl. 260—326.5.
Daniels, William H., to General Motors Corp. Vehicle compartment closure. 3,177,033, 4–6–65, Cl. 296—37.
Daniels, William H., to General Motors Corp. Transmission control indicator for adjustable steering wheel. 3,183,884, 5–18–65, Cl. 116—124.
Danielsen, Daniel, to Bell Telephone Laboratories, Inc. Bipolar current generator. 3,176,156, 3–30–65, Cl. 307—88.5.
Danielson, Berne: *See*—
Ryan, John W., Citron, and Danielson. 3,223,208.
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Dayton, Charles A., and Danielson. 3,220,039.
Danielson, Ellsworth H., and W. C. McNeely, to Selectivend Corp. Automatic coin selector. 3,167,165, 1–26–65, Cl. 194—9.
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Danielson, Vernon S., to Standard Car Truck Co. Draft gear rigging. 3,166,200, 1–19–65, Cl. 213—8.
Danielson, Vernon S., to Standard Car Truck Co. Draft gear rigging for railroad cars. 3,193,111, 7–6–65, Cl. 213—8.
Danielson, Warren E.: *See*—
Cook, John S., and Danielson. 3,188,639.
Danielson, Warren R.: *See*—
Crawford, William R., and Danielson. 3,174,291.
Danielson, Vernon S., and R. W. Gierlach, to Standard Car Truck Co. Draft gear rigging for railroad cars. 3,209,921, 10–5–65, Cl. 213—1.
Daniloff, Michael, to Raytheon Co. Programmed flight computers. 3,177,348, 4–6–65, Cl. 235—151.
Daniloff, Michael, to Raytheon Co. Damping stabilizer devices. 3,195,811, 7–20–65, Cl. 235—61.
Daniluk, Syl, and A. Reilingh, to McInnis Conveyors Ltd. Endless belt conveyors. 3,217,861, 11–16–65, Cl. 198—182.
Danker, Otto J., to TRW Inc. Fuel filtration system. 3,214,-020, 10–26–65, Cl. 210—108.
Dankert, Gerhard, and H. Holtschmidt, to Farbenfabriken Bayer Aktiengesellschaft. Polysulfide polyurethanes. 3,169,119, 2–9–65, Cl. 260—2.5.
Danko, Donald M., to National Rejectors, Inc. Currency detectors. 3,180,491,, 4–27–65, Cl. 209—111.5.
Danko, Donald M., to National Rejectors, Inc. Currency detectors. 3,223,988, 12–14–65, Cl. 340—174.1.
Danko, Emery A.: *See*—
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Danko, George K., to General Electric Co. Electric lamp with unitary inner envelope and stem assembly and manufacture thereof. 3,194,625, 7–13–65, Cl. 316—20.
Danko, John A.: *See*—
Stephens, James D., Anthony, and Danko. 3,215,415.
Danko, Joseph C., and P. J. McCoy, to Westinghouse Electric Corp. Combined thermionic-thermoelectric converter. 3,189,765, 6–15–65, Cl. 310—4.
Danko, Joseph C., S. N. Tower, and G. L. Thomas, to Westinghouse Electric Corp. Thermoelectric nuclear fuel elements. 3,214,295, 10–26–65, Cl. 136—4.
Dankoff, Joseph, and R. G. Greene. Metering and dispensing device. 3,179,303, 4–20–65, Cl. 222—248.
Danly, Donald E.: *See*—
Brubaker, David W., and Danly. 3,186,952.
Danly, James C., to Danly Machine Specialties, Inc. Control arrangement for automatic press line. 3,199,439, 8–10–65, Cl. 100—43.
Danly, James C., to Danly Machine Specialties, Inc. Automatic transfer mechanism for press line. 3,199,443, 8–10–65, Cl. 100—207.
Danly, James C., to Danly Machine Specialties, Inc. Quick die changing mechanism. 3,207,065, 9–21–65, Cl. 100—229.
Danly, James C., to Danly Machine Specialties, Inc. Die post construction. 3,219,371, 11–23–65, Cl. 287—20.
Danly Machine Specialties, Inc.: *See*—
Danly, James C. 3,199,439.
Danly, James C. 3,199,443.
Danly, James C. 3,207,065.
Danly, James C. 3,219,371.
Georgeff, Vasil. 3,177,698.
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Martin, John W. 3,212,324.
Martin, John W., Jr. 3,207,917.
Dann, Anthony E.: *See*—
Brown, Michael P., Silver, Dann, and Ayres. 3,201,464.
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Lovett, William G., Chiesa, and Dann. 3,165,552.
Schwan, Judith A., and Dann. 3,201,242.
Dann, John R., P. P. Chiesa, and W. G. Lovett, to Eastman Kodak Co. Diesters of saturated aliphatic dicarboxylic acids containing both oxygen and sulphur in the chain. 3,194,830, 7–13–65, Cl. 260—481.
Dann, Murray: *See*—
Bohonos, Nestor, Dann, Hausmann, Zbinovsky, and Backus. 3,219,530.
Dannat, Heinz. Hair curler with reciprocating hair clamping members. 3,209,766, 10–5–65, Cl. 132—40.
Dannebaum, Rex P. Pen tip automatic retraction. 3,181,507, 5–4–65, Cl. 120—42.03.
Dannelly, Clarence C.: *See*—
Caldwell, John R., and Dannelly. 3,165,423.
Dannenberg, Rudi H. G. Collapsible cabinet for radio and television reecivers and like purposes. 3,194,619, 7–13–65, Cl. 312—7.
Dannenmann, Paul, to G. Bauknecht G.m.b.H. Means for introducing a detergent into washing machines. 3,207,-373, 9–21–65, Cl. 222—70.
Danner, Jacob D., to Argus Inc. Transparent slide projector. 3,173,331, 3–16–65, Cl. 88—28.
Danner, Jacob D., to Argus Inc. Projector and transparent slide storage magazine therefor. 3,218,744, 11–23–65, Cl. 40—79.
Dannis, Mark L., to The B. F. Goodrich Co. Apparatus for tensile testing materials at rapid rates of load application. 3,196,671, 7–27–65, Cl. 73—95.
Dano Ingeniorforretning og Maskinfabrik. Ingenior Kai Peterson's Fond: *See*—
Hansen, Rune D. 3,171,723.

Dano, Louis, and R. Viguie, to Commissariat a l'Energie Atomique. Interchangeable chassis slides for carrying electronic equipment. 3,191,097, 6–22–65, Cl. 317—101.
Danon, David. Microtome. 3,191,477, 6–29–65, Cl. 83—267.
Danon, Jeanne S.: *See*—
Magat, Michael, Chapiro, and Danon. 3,201,336.
Danowitz, Charles A. Perch for bird cage. 3,200,789, 8–17–65, Cl. 119—25.
Dan River Mills, Inc.: *See*—
Allen, Thomas C., and Watson. 3,215,719.
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Lund, Svend A. 3,165,923.
D'Antini, Pasquale I. Safety cushion for vehicles. 3,172,683, 3–9–65, Cl. 280—150.
Dantzig, Henry P., A. W. Moeller, and E. G. Shelor, Jr., to The Bendix Corp. Variable polarization for microwaves. 3,215,957, 11–2–65, Cl. 333—21.
Danyluke, Ostap, to Bath Iron Works Corp. Bowl for centrifugal pulverizer. 3,180,582, 4–27–65, Cl. 241—275.
Danziger, Harry, and K. Haeseler, to Farbenfabriken Bayer Aktiengesellschaft. Process for the continuous production of tri- and poly-basic alcohols. 3,201,480, 8–17–65, Cl. 260—635.
Danziger, Harry, and A. Kersting, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of diphenylamine. 3,205,265, 9–7–65, Cl. 260—576.
Danziger, William, C. D. Rush, and J. Gold. Hot beverage processing machine. 3,166,002, 1–19–65, Cl. 99—289.
Daphe A.G., Firma: *See*—
Haberle, Willi. 3,197,816.
D'Aquin, Esler L. Process for softening the shell portions of crustaceans for edible purposes. 3,222,186, 12–7–65, Cl. 99—111.
D'Aquila, Joseph A., to United Aircraft Corp. Converter. 3,167,757, 1–26–65, Cl. 340—347.
Darack, Oscar C., to Precision Thermometer and Instrument Co. Temperature sensitive control equipment including thermometer with spaced contact terminals controlling switch means enclosed in housing. 3,196,286, 7–20–65, Cl. 307—88.5.
Darandik, Wilhelm, to Kettma Hamburger Kettelmaschinenfabrik Erich Hahn K.G. Operating arrangement for circular linking machine. 3,219,003, 11–23–65, Cl. 112—25.
Daras, Nestor, and A. Ryckaert, to Solvay & Cie. Process for the treatment of chlorinated hydrocarbons. 3,209,040, 9–28–65, Cl. 260—654.
Darby, Joseph R.: *See*—
Cannon, Joseph A., and Darby. 3,175,989.
Darby, Joseph R., to Monsanto Co. Plastic floor coverings containing vinyl chloride resins plasticized with benzyl phthalates. 3,211,689, 10–12–65, Cl. 260—31.4.
Darby, Paul F.: *See*—
Finlay, Walter L., Darby, and Newcomb. 3,180,024.
Darby, Robert A., to Fairchild Hiller Corp. Jet wing and jet flap system. 3,172,620, 3–9–65, Cl. 254—42.
Darby, Robert J., J. F. Nemecek, S. G. Granger, and C. H. Brainerd, to Trans World Airlines, Inc. Automatic aircraft throttle control apparatus. 3,199,811, 8–10–65, Cl. 244—76.
Darby, Ronald A., F. P. Hodges, and W. L. Letsch, to United States of America, Navy. Radiation level indicator for sonar projectors. 3,167,150, 1–26–65, Cl. 181—.5.
Darcy, H. P.: *See*—
Darcy, Harris B. 3,173,690.
Darcy, Harris B., to H. P. Darcy. Combined skill and chance game device. 3,173,690, 3–16–65, Cl. 273—97.
Dardaine, Edgar J. M., to E. P. Remy & Cie. Gripping head for articles disposed in rows. 3,174,791, 3–23–65, Cl. 294—87.24.
Dardaine, Edgar J. M., to E. P. Remy & Cie. Variable-pitch gripping device. 3,186,751, 6–1–65, Cl. 294—87.26.
Dardaine, Edgar J. M., to E. P. Remy & Cie. Grouping and spacing device. 3,190,434, 6–22–65, Cl. 198—34.
Dardaine, Edgard J. M., and R. Malibeaux, to E. P. Remy & Cie. Machine for handling objects. 3,185,328, 5–25–65, Cl. 214—309.
Darden, Robert R., Jr., and A. G. Dobbs, to American Bosch Arma Corp. Diode modulator with distortion-reducing circuit. 3,196,369, 7–20–65, Cl. 332—43.
Dardig, Ben V., to United Dynamics Corp. Method of finishing shoe heels. 3,172,136, 3–9–65, Cl. 12—147.
Dare, Eddie A. Saw guide and gauge tool. 3,202,418, 8–24–65, Cl. 269—290.
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Wilson, Robert M. 3,176,707.
Wilson, Robert M. 3,208,586.
Wilson, Robert M. 3,214,114.
Wilson, Robert M. 3,214,141.
Dareing, Donald W., to Esso Production Research Co. Gear tooth system. 3,220,279, 11–30–65, Cl. 74—462.
Dari-Go-Round, Inc.: *See*—
Kuehn, Jack W., and Atkins. 3,224,740.
Darimont, Maurice. Load platform safety mechanism actuated by load. 3,217,836, 11–16–65, Cl. 187—9.
Dario, John A.: *See*—
Lawson, Alfred C., Dario, and D'Alessandro. 3,171,623.
Dark, John W. Monorail systems. 3,198,139, 8–3–65, Cl. 105—145.
Darke, Andrew J., to North American Refractories Co. Hanger construction for refractory roof. 3,181,487, 5–4–65, Cl. 110—99.
Darland, William G., Jr.: *See*—
Louzos, Demetrios V., Powers, and Darland. 3,214,647.
Darley, Charles B.: *See*—
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Darling, Alan S., to Johnson, Matthey & Co. Ltd. Production of composite metal strip. 3,171,195, 3–2–65, Cl. 29—420.5.
Darling, Clifford N. Canned food chopping and removing device. 3,189,070, 6–15–65, Cl. 146—61.
Darling, Horace E., to The Foxboro Co. High power process control apparatus. 3,180,974, 4–27–65, Cl. 219—497.
Darling, Horace E., and H. E. Harris, to Harrel, Inc. Semiconductor controlled rectifier circuits. 3,204,172, 8–31–65, Cl. 321—8.
Darling, Jerome P., to Ledex, Inc. Torque coupling. 3,206,236, 9–14–65, Cl. 287—52.05.
Darling, Marvin C.: *See*—
Mayfield, Alfred B., and Darling. 3,178,965.
Darling, Norman E. Device for releasing cows. 3,166,044, 1–19–65, Cl. 119—27.
Darling, R. E., Co., Inc.: *See*—
Field, James H. 3,195,095.
Darling, Robert F.: *See*—
Martin, Kenneth P., and Darling. 3,215,474.
Darling, Samuel M.: *See*—
Emrick, Donald D., Darling, and Hook. 3,189,549.
Darlington, Robert B. Fluid transfer gland. 3,211,471, 10–12–65, Cl. 285—41.
Darlington, Warren B., and D. V. Slaker, to Baldwin-Lima-Hamilton Corp. Railway bottom dump gondola car. 3,169,491, 2–16–65, Cl. 105—240.
Darlite Corp.: *See*—
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Darlow, Brian S., to Taylor Electric Mfg. Co. Distributing panel. 3,172,015, 3–2–65, Cl. 317—119.
Darlow, Brian S., to Taylor Electric Mfg. Co., Ltd. Tie bar for circuit breaker handles. 3,183,320, 5–11–65, Cl. 200—50.
Darnell, Rex C., to Michigan-Dynamics, Inc. Contaminant extracting boost pump. 3,178,105, 4–13–65, Cl. 233—7.
Darnell, Rex C., to Michigan-Dynamics, Inc. Sub-atmospheric pressure indicator. 3,200,787, 8–17–65, Cl. 116—70.
Darner, Frederic M., to Republic Steel Corp. Apparatus and process for producing perforated, corrugated, spiral, lock-seam pipe. 3,183,695, 5–18–65, Cl. 72—49.
Daroff, H., & Sons, Inc.: *See*—
D'Azzo, Edward P. 3,197,875.
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Notchev, John S., Machacek, Darracq, and Malthaner. 3,169,178.
Darrah, James G.: *See*—
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Darrell, George H. Separable fastener. 3,182,372, 5–11–65, Cl. 24—230.
D'Arrigo, Andrew A., to D'Arrigo Bros. Co. of California. Vegetable bunching machine. 3,221,640, 12–7–65, Cl. 100—5.
D'Arrigo Bros. Co. of California: *See*—
D'Arrigo, Andrew A. 3,221,640.
Darsa, George J., to National Lead Co. Color-stable vinyl chloride polymers. 3,225,001, 12–21–65, Cl. 260—45.75.
Dart, David L.: *See*—
May, Robert F., and Dart. 3,184,182.
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Dart, William A. 3,178,491.
Dart, William A., to Dart Mfg. Co. Method for forming thin wall cellular plastic containers. 3,178,491, 4–13–65, Cl. 264—53.
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Rechenberg, Gerhard, and Volk. 3,212,345.
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Miller, Robert P. 3,207,544.
Das, Dilip K.: *See*—
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Das, Dilip K., to National Research Corp. Plating process. 3,217,405, 11–16–65, Cl. 29—528.
Dasa Corp.: *See*—
Boreen, Stuart W., and Healy. 3,183,735.
Kilburg, James. 3,207,453.
Dascher, Edward E. Method of coating metal foils with a polymerizable resinous coating. 3,215,558, 11–2–65, Cl. 117—230.
Dash, Edward. Stud welding means and method. 3,182,172, 5–4–65, Cl. 219—98.
Dash, Edward. Welding stud and ferrule construction for arc welding. 3,182,173, 5–4–65, Cl. 219—99.
Dashew Business Machines, Inc.: *See*—
Hill, George H. 3,188,949.
Humphrey, John H. 3,187,334.
Da Silva, Julio A. Tool handle with retractable tool. 3,177,910, 4–13–65, Cl. 145—61.
Dassler, Adolf. Sport shoes, especially for runners. 3,224,117, 12–21–65, Cl. 36—2.5.
Dassler, Albert L., to Koehring Co. Hydraulic stabilizer. 3,175,698, 3–30–65, Cl. 212—145.
Datagraphics Inc.: *See*—
Bramer, John C., Jr. 3,175,209.
Data-Link Corp.: *See*—
Moser, Irving S., and Kulka. 3,219,511.
Data Machines, Inc.: *See*—
Nixon, Albert L. 3,197,743.

Data Presentations, Inc.: *See—*
Foley, Daniel E., Hogan, and Skrobisch. 3,190,957.
Data Products Corp.: *See—*
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Helms, Clifford J. 3,172,352.
Helms, Clifford J. 3,172,353.
Koskie, Wallace W., Sampson, and Smith. 3,170,149.
Mathus, Gregory, Morningstar, and Burgess. 3,209,904.
Data Technology, Inc.: *See—*
Rachwal, Ervin J., and Loughlin. 3,167,756.
Date, Kazuo H.: *See—*
Van Ryan, Anthony, and Date. 3,218,404.
Date, Kazuo H., to McGraw-Edison Co. Circuit breaker of fluid immersed type having pair of series connected interrupters. 3,200,223, 8–10–65, Cl. 200—150.
Date, Tasuku, N. Harada, and N. Takahashi, to Kabushiki Kaisha Honda Gijitsu Kenkyosho. Automatic controlling means for swash plate type pressure-fluid transmission gears. 3,196,616, 7–27–65, Cl. 60—53.
Datex Corp.: *See—*
Spaulding, Carl P. 3,165,731.
Spaulding, Carl P., and Bazard. 3,196,428.
Wilson, Merton C., and Spaulding. 3,171,117.
Datin, Richard C., to Allied Chemical Corp. Process for producing nitrogen-phosphate fertilizers from ammonium acid sulfate and phosphate rock. 3,172,751, 3–9–65, Cl. 71—37.
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Ryffel, Hans. 3,201,034.
Datwyler, Gottfried. Fan. 3,178,100, 4–13–65, Cl. 230—125.
Daub, Rudolph. Hydraulic pump. 3,205,832, 9–14–65, Cl. 103—173.
Daub, Rudolph. Timing drive. 3,217,552, 11–16–65, Cl. 74—219.
Daubenfeld, Jean J. G. Cylinder presses, especially for working up synthetic substances. 3,203,048, 8–31–65, Cl. 18—14.
Daubenspeck, Benjamin K.: *See—*
Covington, Robert A., Jr., Daubenspeck, Dickey, and Yacko. 3,205,290.
Covington, Robert A., Jr., Daubenspeck, and Eckstein. 3,198,866.
Foote, Donald S., Whipple, and Daubenspeck. 3,208,382.
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Daubersy, Jean, to Metallurgique d'Esperance-Longdoz, S.A. Apparatus for conditioning air and gases for annealing steel plates and the like. 3,185,463, 5–25–65, Cl. 266—5.
Daubersy, Jean, to Metallurgique d'Esperance-Longdoz, Societe Anonyme. Process for the continuous treatment of steel. 3,206,301, 9–14–65, Cl. 75—13.
Daubersy, Jean, to Metallurgique d'Esperance-Longdoz, S.A. Process and apparatus for covering thin metal plates. 3,216,106, 11–9–65, Cl. 29—528.
Daubert Chemical Co.: *See—*
Wollek, Raymond F. 3,193,049.
Daubert, Henry C., Jr.: *See—*
Barkalow, Clare E., and Daubert. 3,167,763.
Daubert, Henry C., Jr., to Lear Siegler, Inc. Thermoelectrically cooled gyroscope. 3,186,240, 6–1–65, Cl. 74—5.
Daubert, Henry C., Jr., to Lear Siegler, Inc. Photo-electric pickoff and resolver for gyroscopes. 3,190,131, 6–22–65, Cl. 74—5.41.
Daudelin, Roland G., to United States of America, Navy. Thrust reversal unit for rocket motor. 3,185,096, 5–25–65, Cl. 102—49.
Dauenbaugh, Robert L., to National Lock Co. Externally mounted lock. 3,176,487, 4–6–65, Cl. 70—137.
Dauenbaugh, Robert L., and R. K. Unter, to National Lock Co. Pop-out handle and lock assembly. 3,213,654, 10–26–65, Cl. 70—208.
Dauer, Maxwell: *See—*
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Daughenbaugh, Norman E., to Dow Corning Corp. Method of preparing hydroxylated organosilicon compounds. 3,179,678, 4–20–65, Cl. 260—448.2.
Daugherty, Charles L.: *See—*
Speaker, Lawrence W., and Daugherty. 3,213,638.
Daugherty, Charles C., ½ each to W. E. Griffin, W. Muirhead, and M. H. Daugherty. Method of recovering metals. 3,224,874, 12–21–65, Cl. 75—108.
Daugherty, Jesse. In-process inspection apparatus. 3,191,294, 6–29–65, Cl. 29—568.
Daugherty, Mary H.: *See—*
Daugherty, Charles C. 3,224,874.
Daugherty, Ralph K., ½ to G. I. Magnuson and ½ to G. I. and R. Magnuson, and L. J. Fox, as trustees. Ratchet mechanism. 3,165,936, 1–19–65, Cl. 74—126.
Daugherty, Ralph K., ½ to G. I. Magnuson and ½ to G. I. and R. Magnuson, and L. J. Fox, trustees. Apparatus for orienting, spacing and feeding articles of irregular shape. 3,212,621, 10–19–65, Cl. 198—30.
Daughtrey, Joseph W., to Gulf Oil Corp. Apparatus for multiple completion wells. 3,226,143, 12–28–65, Cl. 287—111.
D'Augusta, Joseph: *See—*
Villandry, Richard P. 3,195,189.
D'Augusta, June: *See—*
De Castro, Antonio P. 3,195,694.
D'Augusta, Mildred: *See—*
Villandry, Richard P. 3,195,189.
Daul, George C., and T. F. Drake, to Courtaulds, Ltd. Textile process and composition. 3,173,751, 3–16–65, Cl. 8—116.4.
Daulton, Arthur G., and R. H. Laing, to Magnetic Controls Co. Batch weighing control unit. 3,203,591, 8–31–65, Cl. 222—2.
Daum, Josef. Joint-filling bodies. 3,218,941, 11–23–65, Cl. 94—18.
Daum, Leonard E.: *See—*
Brown, Robert R., and Daum. 3,166,371.
Daumy, Georges F. A., to Robinetterie Industrielle Pour le Batiment, le Sanitaire et les Applications Nucleares R.I.B.S.A.N. Cocks for fluids. 3,195,573, 7–20–65, Cl. 137—625.4.
Daunt, John G.: *See—*
Malaker, Stephen F., and Daunt. 3,204,864.
Daunt, John G., to Malaker Laboratories, Inc. Remotely-located cold head for stirling cycle engine. 3,188,822, 6–15–65, Cl. 62—6.
Dauphinee, Thomas M. Multiple electric switch for use with precision measuring instruments. 3,214,527, 10–26–65, Cl. 200—5.
Dausch, Ernst: *See—*
Kubler, Friedrich, and Dausch. 3,205,539.
Dausch, Ernst, to SKF Kugellagerfabriken Gesellschaft mit beschrankter Haftung. Lockable top roller arrangement for a textile drawing mechanism. 3,200,446, 8–17–65, Cl. 19—267.
Dauser, William C. Color lamp with spectral filter around filament. 3,225,243, 12–21–65, Cl. 313—112.
Daut, Francis X., and R. O. Work, to United States of America, Atomic Energy Commission. Protection of electrical connector contact pins. 3,182,280, 5–4–65, Cl. 339—66.
Dauterman, Walter, and R. D. O'Brien, to American Cyanamid Co. Oxidation of phosphorothionates with dinitrogen tetroxide. 3,225,044, 12–21–65, Cl. 260—250.
Dautzenberg, Norbert: *See—*
Naeser, Gerhard, and Dautzenberg. 3,194,648.
D'Avanzo, Anthony, to Wilton Research and Development Corp. Hair styling comb. 3,205,903, 9–14–65, Cl. 132—139.
Da Vanzo, John P.: *See—*
Mathes, Wilhelm, and Da Vanzo. 3,198,803.
Davelaar, Russell F., to Northwest Chair Co. Composite furniture assembly. 3,200,962, 8–17–65, Cl. 211—177.
Davenport, Donald E., to United States of America, Atomic Energy Commission. Polycellular tubular grid structures and method of manufacture. 3,222,144, 12–7–65, Cl. 29—191.
Davenport, Everard, and F. E. Stevens. Caterpillar belt trains. 3,211,305, 10–12–65, Cl. 214—62.
Davenport, Granger, C. E. Heimall, and T. R. Crocker, to Norton Co. Shaping machine. 3,168,005, 2–2–65, Cl. 90—40.
Davenport, Kent J., and J. S. McEwan. Game board with altitude standards and simulated aircraft mounted thereon with means for varying altitude and attitude. 3,167,313, 1–26–65, Cl. 273—134.
Davenport Machine Tool Co., Inc.: *See—*
Brinkman, Earl W., and Lee. 3,205,813.
Davenport, Robert W., to Ralph B. Carter Co. Cut-water for self-priming centrifugal pumps. 3,191,539, 6–29–65, Cl. 103—113.
Davey Bickford Smith & Cie Societe Anonyme Francaise Etablissements: *See—*
Bossard, Andre. 3,173,366.
Davey Compressor Co.: *See—*
Thorson, John R. 3,182,900.
Davey, Frederick P., and B. Smith, to Cigarette Components Ltd. Method and apparatus for the manufacture of smoke filters. 3,188,924, 6–15–65, Cl. 93—1.
Davey, Norman, and K. Aldersley, to United Kingdom Atomic Energy Authority. Bottom pour furnace. 3,225,398, 12–28–65, Cl. 22—84.
Davey, Orestes M.: *See—*
Burrows, Milford D., and Davey. 3,212,541.
Godfrey, James H., Burrows, and Davey. 3,207,193.
Davey, Paul H., Jr.: *See—*
Davey, Paul H., Sr., and P. H. Davey, Jr. 3,190,378.
Davey, Paul H., Sr., and P. H. Davey, Jr. Apparatus for simultaneously drilling and casing a well hole. 3,190,378, 6–22–65, Cl. 175—257.
Davey, Peter G., to The General Electric Co. Ltd. Apparatus for encoding voltages supplied by thermocouples. 3,219,833, 11–23–65, Cl. 307—81.
Davey, Thomas R. A., and S. E. Woods, to Metallurgical Processes Ltd. and The National Smelting Co. Ltd. Distillation of metals. 3,220,827, 11–30–65, Cl. 75—63.
Davey and United Instruments Ltd.: *See—*
Smith, Joseph P. 3,194,035.
Daveze, Jean-Baptiste, to Compagnie des Ateliers et Forges de la Loire St-Chamond-Firminy-St-Etienne-Jacob Holtzer. Equipment for handling drums. 3,202,301, 8–24–65, Cl. 214—1.
Daviau, Jerome G. Hydraulic salt water conversion unit. 3,206,380, 9–14–65, Cl. 202—185.
David, Anthony: *See—*
Blumenstein, Walter K., and David. 3,217,712.
David, Bruce F., and R. L. Dimenna, to International Business Machines Corp. Sheet handling apparatus. 3,173,681, 3–16–65, Cl. 271—34.
David, Edward E., Jr., and J. L. Flanagan, to Bell Telephone Laboratories, Inc. Transmission and synthesis of speech. 3,190,963, 6–22–65, Cl. 179—15.55.

David, Freddy, and W. V. Tyrlick, to Stromberg-Carlson Corp. Roll call generator. 3,223,977, 12–14–65, Cl. 340—147.
David, George. Clamping device for securing a drain hose. 3,204,902, 9–7–65, Cl. 248—79.
David, George J.: *See*—
Bernstein, Joseph M., and David. 3,196,522.
Gerlach, Peter K., David, and Stoehr. 3,193,731.
David, George P., and D. J. Wing, to General Motors Corp. Accelerator cancelling pedal. 3,207,276, 9–21–65, Cl. 192—3.
David, Glee, Jr.: *See*—
Clark, John R., David, and Fuller. 3,222,570.
David, Harry: *See*—
Kochalski, Horst, Rudszinat, David, Erdmann, Rode, and Suck. 3,190,459.
David, Jules S.: *See*—
Stevens, Robert W., and David. 3,171,993.
David, Louis F. Metal panel and its application in an anti-blast barrier in particular for airports. 3,191,728, 6–29–65, Cl. 189—82.
Davids, Clifford B., and R. H. Thorsell, to The Marquardt Corp. Fluid device. 3,190,227, 6–22–65, Cl. 103—117.
Davids, David: *See*—
Rogers, Edward F., and Davids. 3,189,520.
Davids, John H.: *See*—
Emmermann, Dieter K., Davids, and Johnson. 3,202,343.
Davids, John H., to Desalination Plants (Developers of Zarchine Process) Ltd. Means for freezing exposure of salt water purification system. Re. 25,940, 12–14–65, Cl. 62—123.
Davidse, Jan: *See*—
Cornelissen, Bernardus H. J., and Davidse. 3,193,618.
Davidse, Jan, to North American Philips Co., Inc. Circuit arrangement in a color television receiver of the beam index type. 3,201,510, 8–17–65, Cl. 178—5.4.
Davidsen, Jess S. W., and E. H. Baker, to United States of America, National Aeronautics and Space Administration. Centrifuge mounted motion simulator. 3,196,557, 7–27–65, Cl. 35—12.
Davidson, Alfred B., to Allegheny Ludlum Steel Corp. Mounting device for paper rolls. 3,197,153, 7–27–65, Cl. 242—72.
Davidson, Charles R., Jr.: *See*—
Golightly, James S., Doehlert, and Davidson. 3,223,505.
Cypher, James J., and Davidson. 3,223,499.
Davidson, Charles R., Jr., to Pittsburgh Plate Glass Co. Heat treatment of conveyed glass and apparatus therefor. 3,223,498, 12–14–65, Cl. 65—25.
Davidson, Charles R., Jr., and W. P. Mitchell, to Pittsburgh Plate Glass Co. Handling rigid sheet articles. 3,178,045, 4–13–65, Cl. 214—89.
Davidson, Charles S.: *See*—
Hinsey, Robert S., and Davidson. 3,184,992.
Davidson & Co. Ltd.: *See*—
Johnstone, Archibald. 3,181,602.
Davidson, David, and J. L. Bair, to North Atlantic Industries, Inc. Sealed housing for electrical apparatus. 3,195,358, 7–20–65, Cl. 74—10.1.
Davidson, Donald S., to A. J. De Bernardi, d.b.a. Plastics Engineering Sales Co. Receptacle with integral hinged cover and support. 3,186,574, 6–1–65, Cl. 217—60.
Davidson, Edna D.: *See*—
Davidson, Glenn. 3,206,320.
Davidson, Glenn. 3,206,321.
Davidson, Emil, to Guild Molders, Inc. Injection mold. 3,165,788. 1–19–65, Cl. 18—42.
Davidson, Emil, to Guild Molders, Inc. Closure for containers. 3,189,169, 6–15–65, Cl. 206—15.2.
Davidson, Emil, to Guild Molders, Inc. Bottle sealing device. 3,191,789. 6–29–65, Cl. 215—40.
Davidson, Emil, to Guild Molders, Inc. Closure and sealing assembly for bottles. 3,199,704, 8–10–65, Cl. 215—43.
Davidson, Emil, to Guild Molders, Inc. Combined closure and sealing assembly. 3,219,222, 11–23–65, Cl. 215—40.
Davidson, Emil, and G. L. Abrams, to Guild Molders, Inc. Dispensing valve for squeezable tubes. 3,179,300, 4–20–65, Cl. 222—213.
Davidson, Gareth M., and J. Kritz, to American Bosch Arma Corp. Electrostatic vibration transducer. 3,164,987, 1–12–65, Cl. 73—141.
Davidson, Gerald K. Protecting device for use in opening cans containing liquids gaseously fortified. 3,177,580, 4–13–65, Cl. 30—1.
Davidson, Glenn, by E. D. Davidson, executrix of said G. Davidson, deceased, to E. D. Davidson. Method of preparing a soya protein adhesive composition. 3,206,320, 9–14–65, Cl. 106—154.
Davidson, Glenn, by E. D. Davidson, executrix of said G. Davidson, deceased, to E. D. Davidson. "Long pot-life" soya flour/CS_2 glue substantially free of carbon bisulfide thickening. 3,206,321, 9–14–65, Cl. 106—154.
Davidson, Isaac F. Holder and dispenser for collapsible tube. 3,203,596. 8–31–65. Cl. 222—103.
Davidson, Ivor M., to Power Jets (Research and Development) Ltd. Helicopters. 3,211,398, 10–12–65, Cl. 244—17.19.
Davidson, James C., to Burroughs Corp. Capacitor timing network including Zener diode for regulating the voltage swing when capacitor charges and discharges. 3,173,025, 3–9–65, Cl. 307—88.5.
Davidson, James C., to Burroughs Corp. Electrical connector. 3,205,295, 9–7–65, Cl. 174—32.
Davidson, James C., to Burroughs Corp. Clock system for electronic computers. 3,226,648, 12–28–65, Cl. 328—63.
Davidson, James D. Reversible heel blocks. 3,178,240, 4–13–65, Cl. 308—3.
Davidson, James P., and E. A. Glassey, to Exactel Instrument Co. Density control instrument. 3,186,423, 6–1–65, Cl. 137—91.
Davidson, Jason M.: *See*—
Bracci, Delphio J., and Davidson. 3,221,968.
Davidson, Lawrence C., to United States of America, Navy. Pipe line hydrophone system. 3,225,859, 12–28–65, Cl. 181—.5.
Davidson, Max T., and W. D. Ward, to B & H Associated Designers. Lathe stock catcher. 3,177,744, 4–13–65, Cl. 82—38.
Davidson, Per, to Sandvikens Jernwerks, Aktiebolag. Method of making hot tops for ingot molds. Re. 25,905, 11–16–65, Cl. 22—193.
Davidson, Per, to Sandvikens Jernverks, Aktiebolag. Hot top casing for casting molds. Re. 25,915, 11–23–65, Cl. 249—197.
Davidson, Per D.: *See*—
Ednell, Daniel F., Edström, and Davidson. 3,178,783.
Davidson, Ralph L.: *See*—
Smuland, Robert J., and Davidson. 3,220,697.
Davidson, Raymond W., to Electronic Security Corp. Permutation switch with a pair of bus bars each having spaced apart integral spring fingers. 3,192,331, 6–29–65, Cl. 200—43.
Davidson, Richard: *See*—
Duchesne, Normand. 3,208,317.
Davidson, Robert W., to American Machine & Foundry Co. Cargo locking mechanism. 3,204,581, 9–7–65, Cl. 105—369.
Davidson Rubber Co., Inc.: *See*—
Hood, Bruce G. 3,175,863.
Moore, Donald A. 3,190,944.
Davidson, Trevor O., and W. P. Atkinson, to Bucyrus-Erie Co. Thermal piercing control. 3,207,238, 9–21–65, Cl. 175—14.
Davidson, William, L. A. Steer, and A. Perrin, to C.D. Patents Ltd. Combined space heating and domestic hot water heating system. 3,201,045, 8–17–65, Cl. 237—8.
Davidson, William G.: *See*—
Lyon, Douglas, and Davidson. 3,194,267.
Davidson, William W., Jr., and L. Miaskoff, to Fairchild Camera and Instrument Corp. Conveyor board for printing press. 3,218,064, 11–16–65, Cl. 271—45.
Davidsson, Tage A. Oil burner apparatus. 3,189,078, 6–15–65, Cl. 158—36.3.
Davies, Archibald, O. C. Schauble, deceased (M. R. Schauble, executrix). Furnace wall construction. 3,176,433, 4–665, Cl. 50—404.
Davies, Arthur: *See*—
Harper, Harold F., Lee, and Davies. 3,222,155.
Davies, Beaumont J., to George Richards & Co. Ltd. Producing a program control record. 3,193,833, 7–6–65, Cl. 346—8.
Davies, Ben: *See*—
Birch, Raymond E., King, and Davies. 3,216,838.
Good, William R., and Davies. 3,192,059.
Henry, George R., King, and Davies. 3,208,861.
McCreight, Donald O., Renky, and Davies. 3,164,483.
Davies, Ben, to Harbison-Walker Refractories Co. Refractory grain. 3,180,745, 4–27–65, Cl. 106—59.
Davies, Ben, to Harbison-Walker Refractories Co. Refractory structure and shapes therefor. 3,199,994, 8–10–65, Cl. 106—55.
Davies, Ben, and R. W. Woodruff, to Harbison-Walker Refractories Co. Method of fabricating hollow bodies at elevated temperatures. 3,164,895, 1–12–65, Cl. 29—423.
Davies, Ben, and E. P. Weaver, to Harbison-Walker Refractories Co. Baking tar bonded brick. 3,168,602, 2–2–65, Cl. 264—29.
Davies, Ben, and F. H. Walther, to Harbison-Walker Refractories Co. Refractory and method of making same. 3,180,743, 4–27–65, Cl. 106—59.
Davies, Ben, and F. H. Walter, to Harbison-Walker Refractories Co. Refractory. 3,180,744, 4–27–65, Cl. 106—59.
Davies, Ben, and T. W. Smoot, Harbison-Walker Refractories Co. Refractories and methods of manufacture therefor. 3,192,058, 6–29–65, Cl. 106—57.
Davies, Ben, and P. H. Havranek, to Harbison-Walker Refractories Co. Fired basic refractory shapes. 3,194,672, 7–13–65, Cl. 106—59.
Davies, Ben, and O. M. Wicken, to Harbison-Walker Refractories Co. Firing of lime and dolomite shapes. 3,196,193, 7–20–65, Cl. 264—58.
Davies, Ben, and D. O. McCreight, to Harbison-Walker Refractories Co. Mortar. 3,208,862, 9–28–65, Cl. 106—66.
Davies, Ben, R. W. Woodruff, and D. C. Hanson, to Harbison-Walker Refractories Co. New brick composition. 3,210,206, 10–5–65, Cl. 106—59.
Davies, Ben, and E. P. Weaver, to Harbison-Walker Refractories Co. Burned brick. 3,222,196, 12–7–65, Cl. 106—58.
Davies, David O.: *See*—
Morley, Frederick W. W., Davies, and Blackhurst. 3,178,101.
Davies, David O., and J. R. Simpson, to Rolls-Royce Ltd. Power plant. 3,179,356, 4–20–65, Cl. 244—23.
Davies, David O., R. V. Blackhurst, and J. M. S. Keen, to Rolls-Royce Ltd. Compressor for a gas turbine engine. 3,219,263, 11–23–65, Cl. 230—122.

Davies, Derec F. V., R. H. Buchanan, and D. Oedjoe, to Unisearch Ltd. Apparatus for hydraulically conveying discrete solids. 3,185,529, 5–25–65, Cl. 302—14.
Davies, Edward R., G. L. Bowen, and R. W. Lemon, to Jered Industries, Inc. Multiple fluid operated clutches. 3,215,237, 11–2–65, Cl. 192—87.
Davies, Eric, to The Marconi Co. Ltd. Television standards conversion apparatus having temporarily increased line scanning speeds. 3,196,207, 7–20–65, Cl. 178—6.8.
Davies, Eric, to The Marconi Co. Ltd. Time base circuits with dynamic bias. 3,221,269, 11–30–65, Cl. 331—111.
Davies, Eric, and A. N. Heightman, to The Marconi Co. Ltd. Television systems. 3,200,195, 8–10–65, Cl. 178—6.8.
Davies, George, ½ to H. A. Walford. Gas igniter. 3,183,958, 5–18–65, Cl. 158—115.
Davies, Frederick E. Fastening mechanism for marble front of burial crypt. 3,213,576, 10–26–65, Cl. 52—134.
Davies, George, and H. Wertheimer. Cinematograph apparatus. 3,216,778, 11–9–65, Cl. 352—129.
Davies, Harold, to Thiokol Chemical Corp. Solid propellant grain. 3,188,802, 6–15–65, Cl. 60—35.6.
Davies, Henry E.: *See*—
Marton, Donald G. J., Stanwell, and Davies. 3,191,270.
Davies, Howard W., and O. E. Jore, to Anaconda Wire and Cable Co. Cable splice insulator and cable joint made therewith. 3,200,191, 8–10–65, Cl. 174—88.
Davies, Ivor J., to Hawker Siddeley Aviation Ltd. Parachute having variable vent area. 3,193,222, 7–6–65, Cl. 244—145.
Davies, James M., and W. G. Johnson, to Caterpillar Tractor Co. Turbocharger brake. 3,203,514, 8–31–65, Cl. 188—170.
Davies, John E., to Bristol Siddeley Engines Ltd. Alloys. 3,220,808, 11–30–65, Cl. 29—194.
Davies, John S. Slip meter apparatus and method for measuring frictional properties of materials. 3,187,552, 6–8–65, Cl. 73—9.
Davies, Leslie J., to Canadian Refractories Ltd. Method and apparatus for measuring the gas permeability of permeable bodies. 3,181,346, 5–4–65, Cl. 73—38.
Davies, Paul M., to Thompson Ramo Wooldridge Inc. Superconductive associative memory system. 3,196,407, 7–20–65, Cl. 340—173.1.
Davies, Paul M., to Thompson Ramo Wooldridge Inc. Sequential retrieval control for a self-searching memory. 3,196,409, 7–20–65, Cl. 340—173.1.
Davies, Paul M., to Thompson Ramo Wooldridge Inc. Self-searching memory utilizing improved memory elements. 3,196,410, 7–20–65, Cl. 340—173.1.
Davies, Paul M., to TRW Inc. Storage circuits for a self-searching memory. 3,210,739, 10–5–65, Cl. 340—173.1.
Davies, Phineas, to Imperial Chemical Industries Ltd. Oxidation of sulphur dioxide to sulphur trioxide and catalysts therefor. 3,186,794, 6–1–65, Cl. 23—175.
Davies, Raymond J., and P. D. Mills, to Dunlop Rubber Co. Ltd. Levelling valve for vehicles with pneumatic or hydraulic suspension. 3,183,935, 5–18–65, Cl. 137—627.5.
Davies, Reginald B. Apparatus for mixing and dispensing feed and like materials. 3,186,689, 6–1–65, Cl. 259—44.
Davies, Richard T.: *See*—
Smith, James D., and Davies. 3,223,139.
Davies, Robert H., to Parker-Hannifin Corp. Fuel selector and flow divider valve and control means for jet engines. 3,197,958, 8–3–65, Cl. 60—35.6.
Davies, Robert L., to General Electric Co. Semiconductor device. 3,172,068, 3–2–65, Cl. 338—13.
Davies, Robert W., and S. Kuba, to Western Electric Co., Inc. Apparatus for making dope pellets. 3,206,799, 9–21–65, Cl. 18—2.7.
Davies, Roy D., to Moore Business Forms, Inc. Paper and the like web severing mechanisms. 3,191,832, 6–29–65, Cl. 225—100.
Davies, Sydney, to The Adamson-Alliance Co. Ltd. Electrical power supply connection assemblies for moving machinery. 3,219,750, 11–23–65, Cl. 174—69.
Davies, Theodore E., to The North American Mfg. Co. Apparatus for scale free heating of metals. 3,170,681, 2–23–65, Cl. 263—40.
Davies, Thomas J.: *See*—
Elkas, Louis, and Davies. 3,197,906.
Davies-Young Soap Co., The: *See*—
Young, John R., Trusler, Hiltgen, and Matz. 3,203,754.
Da Vinci, Anthony P.: *See*—
Anderer, Joseph H., Da Vinci, and McHugh. 3,225,125.
Davis, Alice C.: *See*—
Davis, George W. 3,181,301.
Davis, Alva R., Jr.: *See*—
Golden, Robert L., Davis, and Geiger. 3,212,446.
Davis, Arthur C. Electrodynamic transducers with flexible ferromagnetic flux paths. 3,196,216, 7–20–65, Cl. 179—100.41.
Davis, Arthur G. Piston for expanding arbor. 3,182,568, 5–11–65, Cl. 92—194.
Davis, Arthur G. Adapter with adjustment for setting cutters. 3,202,433, 8–24–65, Cl. 279—9.
Davis, Augustine, Jr., and J. A. Nichols, Davisbilt Steel Joist, Inc. Nailable metal joist. 3,164,227, 1–5–65, Cl. 189—37.
Davis, Bayard C., A. Singer, and M. T. Chapman, Jr., to Continental Sensing, Inc. Insulated metallic sheathed conductor employing at least one pair of twisted signal carrying wires. 3,205,296, 9–7–65, Cl. 174—34.
Davis, Bayard C., and A. Singer. Portable saw including work holder. 3,205,621, 9–14–65, Cl. 51—98.
Davis, Belford L. Acceleration control system for a vehicle. 3,166,090, 1–19–65, Cl. 137—353.
Davis, Billy C., and J. D. Helms, to Texas Instruments Inc. Welding apparatus. 3,207,884, 9–21–65, Cl. 219—89.
Davis, Billy D.: *See*—
Bressler, Wilbur L., and Davis. 3,219,598.
Davis, Billy D., to The Dow Chemical Co. Flexible polyurethane foam and process for making same. 3,207,710, 9–21–65, Cl. 260—2.5.
Davis, Bob K.: *See*—
Easter, Ross A., and Davis. 3,164,251.
Davis, Carroll C., to United States of America, Air Force. Blade vibration damping device. 3,181,835, 5–4–65, Cl. 253—77.
Davis, Charles F. Semi-automatic solder feeding apparatus. 3,219,251, 11–23–65, Cl. 228—53.
Davis, Charles J. Trench digging machine with dirt deflecting assembly. 3,209,473, 10–5–65, Cl. 37—86.
Davis, Charles J., and R. N. Nissen; said Nissen assor. to said Davis. Self-propelled excavating machine. 3,167,194, 1–26–65, Cl. 214—138.
Davis, Charles L., to Phillips Petroleum Co. Slurry feeder apparatus and method. 3,206,396, 9–14–65, Cl. 210—19.
Davis, Charles L., to The Pillsbury Co. Merchandising package. 3,222,190, 12–7–65, Cl. 99—172.
Davis, Charles T., to Phillips Petroleum Co. Terpolymer of propylene, conjugated diene and another 1-olefin of 4 to 6 carbon atoms. 3,208,982, 9–28–65, Cl. 260—80.7.
Davis, Chester. Associated dye salts and method of forming colored indicia therewith. 3,193,404, 7–6–65, Cl. 117—38.
Davis, Claud M., to International Business Machines Corp. Binary adder. 3,185,822, 5–25–65, Cl. 235—153.
Davis, Claude M.: *See*—
Florer, James W., Gillemot, and Davis. 3,168,824.
Davis, Daniel H., Jr., to Burroughs Corp. Fountain ink roller and ink supply. 3,194,155, 7–13–65, Cl. 101—366.
Davis, Dean W., to International Telephone and Telegraph Corp. Storage screen assembly for charge storage tubes. 3,202,856, 8–24–65, Cl. 313—89.
Davis, Dhuaine J. Two stage injection molding apparatus for ensulating deformable articles. 3,200,444, 8–17–65, Cl. 18—30.
Davis, Donovan C., and L. A. Ule, to United States of America, Army. Automatic frequency acquisition circuit. 3,167,718, 1–26–65, Cl. 328—127.
Davis, Douglas P. Apparatus for assembling memory matrix components. 3,174,214, 3–23–65, Cl. 29—203.
Davis, Duane A., and P. S. Bettoli, to The Ruberoid Co. Self-sealing shingles. 3,217,870, 11–16–65, Cl. 206—60.
Davis, Dwight E.: *See*—
Tully, Geoffrey R., Jr., Disselhorst, and Davis. 3,167,447.
Davis, Earl E.: *See*—
Loveall, George A., Jr., and Davis. 3,185,346.
Davis, Edward L.: *See*—
Bogar, William H., Davis, Hassenauer, Pakurar, and Ruffolo. 3,225,706.
Davis, Edward L., and R. L. Hassenauer, to General American Transportation Corp. Railway cars comprising bodies having wide side access openings thereinto. 3,190,239, 6–22–65, Cl. 105—378.
Davis, Edward M.: *See*—
Munro, Albert E., Crounse, and Davis. 3,185,709.
Davis, Edward M., Jr., to International Business Machines Corp. Method of automatically etching an Esaki diode. 3,196,094, 7–20–65, Cl. 204—143.
Davis, Edward R. Automatic ball retrieving device. 3,168,312, 2–2–65, Cl. 273—26.
Davis, Ernest G., and E. E. Wiseman, to Borg-Warner Corp. Disc brake. 3,167,156, 1–26–65, Cl. 188—72.
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Davis, Harry S. 3,224,458.
Davis, Francis A., Jr., and J. F. Flannery, to Paramount Packaging Corp. Plastic bag cutter. 3,183,750, 5–18–65, Cl. 83—146.
Davis, Francis A., Jr., and J. F. Flannery, to Paramount Packaging Corp. Assembly of bags. 3,184,055, 5–18–65, Cl. 206—57.
Davis, Frank A., and H. H. Losche. Traffic instructional means for incorporation in and use with electric traffic signal lights. 3,210,728, 10–5–65, Cl. 340—107.
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Davis, Geoffrey G. J., to The Associated Portland Cement Manufacturers Ltd. Filter press. 3,204,769, 9–7–65, Cl. 210—230.
Davis, George, to Link Belt Co. Coupling. 3,166,344, 1–19–65, Cl. 285—134.

Davis, George, to Link Belt Co. Transmission. 3,212,356, 10–19–65, Cl. 74—661.
Davis, George B., Jr. Fluid dispenser. 3,176,883, 4–6–65, Cl. 222—193.
Davis, George B., Jr. Fluid dispenser. 3,221,945, 12–7–65, Cl. 222—193.
Davis, George D., to Monsanto Co. Desorption of molecular sieves by hydrogenation. 3,207,803, 9–21–65, Cl. 260—677.
Davis, George D., and E. C. Makin, Jr., to Monsanto Co. Purification of olefins. 3,221,073, 11–30–65, Cl. 260—677.
Davis, George G. Fireplace. 3,190,279, 6–22–65, Cl. 126—63.
Davis, George H. Ditching machine having floatingly mounted cutting head. 3,168,785, 2–9–65, Cl. 37—92.
Davis, George M., to Dygert & Stone, Inc. Dispenser closure and container. 3,217,949, 11–16–65, Cl. 222—480.
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Davis, Glenn B. Car-top camper apparatus. 3,191,829, 6–29–65, Cl. 224—42.1.
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Davis, Harold W. Receptacle for extinguishing burning cigars, cigarettes and the like. 3,186,414, 6–1–65, Cl. 131—236.
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Davis, Harry E. Drinking straw. 3,168,982, 2–9–65, Cl. 239—33.
Davis, Harry E., and F. B. Pfeiffer. Method and apparatus for making drinking straw. 3,203,325, 8–31–65, Cl. 93—80.
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Davis, Harry S., to Davis Flow Valve, Inc. Sequencing valve. 3,224,458, 12–21–65, Cl. 137—119.
Davis, Hazel E. Material handling device. 3,191,768, 6–29–65. Cl. 206—56.
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Updegraff, David M., and Davis. 3,211,680.
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Davis, Horace R., to Minnesota Mining and Mfg. Co. 2-alkoxy-5,5-bis(haloalkyl)-2,5-dihydrofurans and preparation thereof. 3,184,481, 5–18–65, Cl. 260—347.8.
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Davis, James C., to Beckman Instruments, Inc. Signal peak control circuit. 3,211,979, 10–12–65, Cl. 318—207.
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Davis, John E., to Bio-Science Laboratories. Spot and stripe applicator for chromatography. 3,189,413, 6–15–65, Cl. 23—253.
Davis, John E., to J. Briskin, Inc. Dispenser. 3,199,788, 8–10–65, Cl. 239—310.
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Davis, John K., and H. G. Fernald, to American Optical Co. Ophthalmic aspheric lens series. 3,169,247, 2–9–65, Cl. 351—167.
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Davis, Julius M., and R. A. Pfluger, to General Foods Corp. Combined air drying-freeze drying process. 3,188,750, 6–15–65, Cl. 34—5.
Davis, Karl A., to North American Aviation, Inc. Electromagnetic flowmeter. 3,191,436, 6–29–65, Cl. 73—194.
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Davis, Maurice. Air filters. 3,177,637, 4–13–65, Cl. 55—483.
Davis, Melbourne E. Sitz bath therapy device. 3,181,534, 5–4–65, Cl. 128—377.
Davis, Meyer. Automatic focus copy camera. 3,208,338, 9–28–65, Cl. 88—24.
Davis, Michael, to May & Baker Ltd. 3,17-diamino androstane and androstene derivatives. 3,169,093, 2–9–65, Cl. 167—65.
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Davis, Ralph B., to University of Notre Dame. Phenyl-p-aminophenyl acetonitrile compounds and substituted derivatives thereof. 3,222,389, 12–7–65, Cl. 260—465.

Davis, Ralph M., to Container Corp. of America. Handle arrangement for tray. 3,211,326, 10–12–65, Cl. 220—97.
Davis, Ralph R. Article dispensing device. 3,168,964, 2–9–65, Cl. 221—88.
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Davis, Robert E. Piston ring groove cleaner. 3,200,429, 8–17–65, Cl. 15—104.01.
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Davis, Robert H., to Socony Mobil Oil Co., Inc. Stabilized calcium acetate oil dispersions. 3,182,020, 5–4–65, Cl. 252—40.7.
Davis, Robert H., and R. M. Dakin, to Bristol Siddeley Engines Ltd. Valve controlling means for a fuel system. 3,176,540, 4–6–65, Cl. 74—522.
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Davis, Wallace, Jr., and W. C. Yee, to United States of America, Atomic Energy Commission. Recovery of strontium values from sulfate-containing waste solutions. 3,218,123, 11–16–65, Cl. 23—102.
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Day, George D., ⅓ to M. A. McIntyre and ⅓ to A. Wanechko. Belt and track tensioner. 3,216,772, 11–9–65, Cl. 305—10.
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Day, Morgan R., R. P. Stokes, and A. A. Paterson, to W. R. Grace & Co. Compound applying machine. 3,220,376, 11–30–65, Cl. 118—2.
Day, Paul P., R. B. Allnutt, and A. B. Stavovy, to United States of America, Navy. Cyclic pressure loading system. 3,196,677, 7–27–65, Cl. 73—148.
Day, Robert B., and P. V. Johnson, to Structural Clay Products Institute. Method and apparatus for manufacturing small clay cylinders. 3,202,746, 8–24–65, Cl. 264—141.
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Dayton, Charles A., and D. D. Danielson; said Danielson assor. to Dr. C. A. Dayton. Motor-driven tooth brush. 3,220,039, 11–30–65, Cl. 15—28.
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Dayton, Donald W. Load carrying mechanism for lift trucks. 3,199,699, 8–10–65, Cl. 214—654.
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Deackoff, Leon P., to Manton Gaulin Mfg. Co. Method and apparatus for processing fluids. 3,179,385, 4–20–65, Cl. 259—98.
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Deakin, Cyril R., ½ to Hosiery Equipment Ltd. Lubricating apparatus. 3,182,862, 5–11–65, Cl. 222—255.
Deakin, Stanley T., to Sealectro Corp. Electric-circuit selectors. 3,170,745, 2–23–65, Cl. 339—18.
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Deakin, Thomas M., to David Brown Industries Ltd. Gear generating machines. 3,212,403, 10–19–65, Cl. 90—3.
Deakins, Thomas A., and M. M. Marks, to United States Pipe and Foundry Co. Apparatus for extracting and handling cast elongated articles. 3,208,114, 9–28–65, Cl. 22—94.
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Dean, Albert G., to The Budd Co. Rapid transit car air conditioning system. 3,173,274, 3–16–65, Cl. 62—244.
Dean, Albert G., to The Budd Co. Railway passenger train car. 3,177,817, 4–13–65, Cl. 105—401.
Dean, Albert G., to The Budd Co. Railway wheel and brake disc. 3,187,851, 6–8–65, Cl. 188—218.
Dean, Albert G., and H. T. Hermann, to The Budd Co. Closure for a rail sanding apparatus. 3,168,960, 2–9–65, Cl. 220—32.

Dean, Derek J., to Sangamo Electric Co. Water depth gauges. 3,188,864, 6–15–65, Cl. 73—300.
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Dean, George A., J. G. Green, and R. M. Henderson, to Fairbanks, Morse Inc. Ramp generator circuit employing two capacitors, one including means for rapid discharging thereof. 3,193,700, 7–6–65, Cl. 307—88.5.
Dean, Gordon W., to International Telephone and Telegraph Corp. Contact terminal for an electrical conductor member. 3,201,744, 8–17–65, Cl. 339—97.
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Dean, John H. Dog leash. 3,198,175, 8–3–65, Cl. 119—109.
Dean, Madison H. Writing aid for the blind. 3,193,947, 7–13–65, Cl. 35—38.
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Dean, Robert B., to The Borden Co. Machine for application of hot melt adhesive. 3,181,501, 5–4–65, Cl. 118—70.
Dean, Walter B., to The Budd Co. Brake apparatus. 3,178,238, 4–13–65, Cl. 303—22.
Deaner, Harold W., to Sperry Rand Corp. Altitude sensing apparatus. 3,175,527, 3–30–65, Cl. 114—66.5.
De Angelis, Eugene, and J. L. Wherry, to Toledo Stamping & Mfg. Co. Trailer hitch. 3,180,454, 4–27–65, Cl. 188—112.
De Angelis, George. Method and apparatus for drawing three dimensional views of objects. 3,191,307, 6–29–65, Cl. 33—77.
De Angelo, George B., to The Clark-Aiken Co. Method and apparatus for handling sheets cut from a web. 3,198,046, 8–3–65, Cl. 83—24.
Deanin, Rudolph D., J. O. Berry, Jr., and L. R. Moore, to Allied Chemical Corp. Process for the production of polycarbonate resins using two-step addition of catalyst. 3,184,431, 5–18–65, Cl. 260—47.
Deanin, Rudolph D., and A. V. Pinter, to Allied Chemical Corp. Copolycarbonates of di-(bisphenol)ethers and bisphenols and processes for their production. 3,203,926, 8–31–65, Cl. 260—47.
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Deans, Frederick E., and C. H. Wainwright, to The Bentley Engineeering Co. Ltd. Driving mechanism of circular knitting machines. 3,186,242, 6–1–65, Cl. 74—79.
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Deaton, Homer W., to General Motors Corp. Temperature control electric circuit. 3,215,818, 11–2–65, Cl. 219—499.
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Deaton, William M., and C. G. Kirkland, to United States of America, Interior. Apparatus for concentrating trace impurities in high-purity helium. 3,194,054, 7–13–65, Cl. 73—25.
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De Bell, Arthur G., Q. S. Anderson, and F. S. Simmons, to North American Aviation, Inc. Blackbody source. 3,205,343, 9–7–65, Cl. 219—553.
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Debenham, William S., to United States Steel Corp. Method and apparatus for handling slag. 3,171,736, 3–2–65, Cl. 75—43.
De Benneville, Peter L., and H. W. Blessing, to Rohm & Haas Co. Azo-bis-alkylphosphonates and corresponding acids. 3,170,913, 2–23–65, Cl. 260—192.
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De Boer, Eeltje, to North American Philips Co., Inc. Tunnel diode circuit arrangement. 3,176,160, 3–30–65, Cl. 307—88.5.
De Boer, Geert, to Volma, N.V. Cheese mold apparatus. 3,199,195, 8–10–65, Cl. 31—44.
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De Bottari, Louis A., and C. Guajardo, to Alpha-Tronics Corp. Ring counter with no feedback comprising silicon controlled rectifier stages. 3,165,647, 1–12–65, Cl. 307—88.5.

Debray, Maurice. Can labelling machine. 3,179,548, 4–20–65, Cl. 156—364.

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Debus, Karl, to Linotype G.m.b.H. Slug trimming arrangement for line casting machine. 3,209,902, 10–5–65, Cl. 199—54.

De Butts, Edward H., and J. T. Hays, to Hercules Powder Co. Manufacture of amino ethers. 3,214,473, 10–26–65, Cl. 260—575.

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De'Caccia, Godfrey L., to Pendleton Tool Industries, Inc. Holder for tools. 3,179,255, 4–20–65, Cl. 211—60.

De'Caccia, Godfrey L., to Pendleton Tool Industries, Inc. Mounting brackets for parts containers and tool holders. 3,184,072, 5–18–65, Cl. 211—86.

De'Caccia, Godfrey L., to Pendleton Tool Industries, Inc. Cut wire holder and mounting means therefor. 3,186,553, 6–1–65, Cl. 211—13.

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De Caro, Charles J., R. W. Henning, and H. L. Ivins, to Ramset Fasteners, Inc. Tool. 3,171,131, 3–2–65, Cl. 1—44.5.

De Caro, Charles J., and R. W. Henning, to Olin Mathieson Chemical Corp. Cocking means for the firing pin of an explosively actuated tool. 3,172,118, 3–9–65, Cl. 1—44.5.

De Caro, Charles J., and R. W. Henning, to Olin Mathieson Chemical Corp. Explosive actuated tool. 3,172,120, 3–9–65, Cl. 1—44.5.

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Dehn, Joseph W., Jr., and H. J. Kuhefuss, to Interchemical Corp. Blue dyed polypropylene fibers and process of dyeing them. 3,188,163, 6–8–65, Cl. 8—39.
Dehn, Joseph W., Jr., H. J. Kuhefuss, J. J. Maitner, and A. J. Salina, to Interchemical Corp. Polypropylene fibers dyed with 4-nitroacridone dyes. 3,188,164, 6–8–65, Cl. 8—55.
Dehn, Roy F., to The Cleveland Crane & Engineering Co. Clearance, rake angle, and stroke length adjusting means for power shears. 3,183,756, 5–18–65, Cl. 83—530.
Dehn, Roy F., to The Cleveland Crane & Engineering Co. Trolley conductor. 3,222,464, 12–7–65, Cl. 191—22.
Dehn, Rudolph A., to General Electric Co. Transmission line having frequency reject band. 3,197,720, 7–27–65, Cl. 333—73.
Dehne, Clarence A., to Jervis B. Webb Co. Conveyor systems with intermittent carrier drive. 3,179,064, 4–20–65, Cl. 104—172.
Dehne, Clarence A., to Jervis B. Webb Co. Conveyor systems with single and double load carrier tracks. 3,195,473, 7–20–65, Cl. 104—91.
Dehne, Clarence A., to Jervis B. Webb Co. Releasing dog carriers and trolleys for conveyor systems. 3,195,474, 7–20–65, Cl. 104—172.
Dehne, Clarence A., to Jervis B. Webb Co. Conveyor track section. 3,217,658, 11–16–65, Cl. 104—89.
Dehne, Rudolf. Packaging of freshly baked bread. 3,185,-579, 5–25–65, Cl. 99—172.
Dehne, Rudolf. Preserving baked goods by the addition of amylopectin to flour dough prior to baking. 3,193,389, 7–6–65, Cl. 99—90.
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Deibel, Charles, and J. Evanicsko, Jr. Toggle mechanism employing elastic actuating means between opposed sockets. 3,185,787, 5–25–65, Cl. 200—68.
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Deibel, Raymond A., W. C. Riester, and R. D. Page, to Trico Products Corp. Door locking system. 3,168,932, 2–9–65, Cl. 180—82.
Deibel, William T., to Eaton Mfg. Co. Wheel brake operating assembly. 3,187,849, 6–8–65, Cl. 188—152.
Deibele, Hans. Coffee makers. 3,171,345, 3–2–65, Cl. 99—307.
Deibold, George L., to Venus Foundation Garments, Inc. Separable crotch undergarment. 3,224,448, 12–21–65, Cl. 128—529.
Deile, Otto, and K. A. Wehlmann, to Keuffel & Esser Co. Method for measuring photographic exposure time. 3,203,-332, 8–31–65, Cl. 95—73.
Deinet, Adolph J., to Tenneco Chemicals, Inc. Method for the control of plant growth. 3,223,515, 12–14–65, Cl. 71—2.3.
Deis, William H., and L. F. Heneghan. Method of preparing a hydrated magnesium carbonate. 3,169,826, 2–16–65, Cl. 23—67.
Deisner, Virgil S., to Florsheim Mfg. Co., Inc. Cover assembly for a receptacle. 3,219,227, 11–23–65, Cl. 220—31.
Deist, Herbert H., to The Firestone Tire & Rubber Co. Preparation and application of tire material, the tire thus produced and the apparatus used. 3,170,499, 2–23–65, Cl. 152—330.
Deist, Herbert H., to The Firestone Tire & Rubber Co. Apparatus for applying unvulcanized rubber material to a tire body. 3,223,573, 12–14–65, Cl. 156—396.
Deister, Emil E., Jr., to Deister Machine Co. Vibration isolation mount. 3,223,400, 12–14–65, Cl. 267—1.
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Deister, Emil E., Jr. 3,223,400.
Deittrick, Henry L., and R. W. Hanson, to Michigan Special Machine Co. Micrometer tool setting gage. 3,170,242, 2–23–65, Cl. 33—165.
Deitz, Louis S., Jr. Method of reclaiming copper from insulated copper wire. 3,225,428, 12–28–65, Cl. 29—403.
Deitz, Victor R., to W. Siskind. Method and apparatus for Producing a controlled pattern of ultraviolet radiation from that at higher wave lengths. 3,226,228, 12–28–65, Cl. 96—27.
De Jarnett, Frank D. Fluid-packed drill collar. 3,179,188, 4–20–65, Cl. 175—320.
De Jean, Milton V., and M. J. Lacy, to General Electric Co. Method for bonding parts of an electrical motor. 3,222,234, 12–7–65, Cl. 156—60.
De Jong, Benny A., to Western Electric Co., Inc. Strand distributor for spools of different lengths. 3,166,270, 1–19–65, Cl. 242—158.
De Jong, Floyd, deceased, by I. M. De Jong, administratrix. Fertilizer spreader. 3,206,215, 9–14–65, Cl. 275—4.
De Jong, George E. Mooring device. 3,224,404, 12–21–65, Cl. 114—230.
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De Jong, Jan, and P. Euser, to Nederlandse Centrale Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek. Compensation radiation pyrometer. 3,164,021, 1–5–65, Cl. 73—355.
De Jong, Wilhelmus M. Sewing machine with needle position control means. 3,204,592, 9–7–65, Cl. 112—219.
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De Keersmaecker, Yolande A. M. J. A. Brassiere. 3,216,425, 11–9–65, Cl. 128—425.
Dekel, Joseph. Integral hair clip made from a single sheet of resilient material. 3,204,647, 9–7–65, Cl. 132—46.
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Dekker, Herman C., to John Wood Co. Interlock mechanism for a fluid dispensing pump. 3,175,730, 3–30–65, Cl. 222—30.
Dekker, Johan, to North American Philips Co., Inc. Method of combatting powdery mildew with paraaminobenzoic and cinnamic acid esters. 3,175,941, 3–30–65, Cl. 167—30.
Dekking, Henri G. G., to Celanese Corp. of America. Unsaturated cyclic compounds. 3,183,220, 5–11–65, Cl. 260—88.2.
Dekking, Henri G. G., to Union Oil Co. of California. Organosolids. 3,208,984, 9–28–65, Cl. 260—89.5.
Dekko, Chester E., and R. R. Glass, to Lyall Electric, Inc. Vehicle signal lantern having shock mounting. 3,226,678, 12–28–65, Cl. 340—119.
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De Kolb, Eric, to Coty, Inc. Film cutting device for a face powder box. 3,212,509, 10–19–65, Cl. 132—82.
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De Koning, Jacob. Bar screen. 3,221,877, 12–7–65, Cl. 209—314.
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De Kroes, Jan L., and W. H. J. Nicolai, to North American Philips Co., Inc. Circuit arrangement for the selection of one of a number of individual devices. 3,177,409, 4–6–65, Cl. 317—137.

De la Bretoniere, Andre B., to American Enka Corp. Apparatus for the heating of travelling thread or tape-shaped products on a transport roller. 3,200,230, 8–10–65, Cl. 219—10.49.
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De La Cierva, to Dynasciences Corp. Image motion compensator. 3,212,420, 10–19–65, Cl. 95—12.5.
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Delacretaz, Richard, to Monsanto Co. Molecular weight regulation in polymerization of vinylidene monomers using a phosphite regulator. 3,222,335, 12–7–65, Cl. 260—85.5.
Delacretaz, Richard E., S. P. Nemphos, and R. L. Walter, to Monsanto Co. Copolymers having improved optical clarity. 3,198,775, 8–3–65, Cl. 260—85.5.
Deladerriere, André, to Reveils Bayard, Societe Anonyme. Microcontact device for oscillating systems. 3,221,488, 12–7–65, Cl. 58—28.
Deladerriere, André, to Reveils Bayard, Societe Anonyme. Time keeping apparatus possessing sounding alarms. 3,225,535, 12–28–65, Cl. 58—16.
Delafrange, Kenneth M. Electrical connector with a helical bimetal overload. 3,225,162, 12–21–65, Cl. 200—115.5.
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Delahunt, John F., and J. V. Clarke, Jr., to Esso Research and Engineering Co. Fuel cell electrolyte. 3,220,887, 11–30–65, Cl. 136—154.
Delaire, Gerard V., to Eastman Kodak Co. Plastic case for containers. 3,184,071, 5–18–65, Cl. 211—74.
De Laittre, Howard M., to Bemis Bro. Bag Co. Bag apparatus. 3,182,617, 5–11–65, Cl. 112—10.
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De Lajarte, Stephane D., to Compagnie de Saint-Gobain. Process for the manufacture of flat glass. 3,218,143, 11–16–65, Cl. 65—90.
De Lajarte, Stephane D., to Compagnie de Saint-Gobain. Glass compositions. 3,218,262, 11–16–65, Cl. 252—301.1.
De Lalio, George M. Steering transmission for track laying vehicles. 3,199,376, 8–10–65, Cl. 74—720.5.
De Lalio, George M. Infinitely variable power transmission. 3,204,486, 9–7–65, Cl. 74—687.
De Lalio, George M. Continuously variable power transmission. 3,212,358, 10–19–65, Cl. 74—687.
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Goodman, Abraham. 3,209,768.
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Delaney, Luke. Mattress display rack. 3,185,306, 5–25–65, Cl. 211—28.
Delaney, William, to Kadison Laboratories, Inc. Tenderizing of fresh meats. 3,188,213, 6–8–65, Cl. 99—107.
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De Lang, Hendrik, to North American Philips Co., Inc. Photosensitive device for digital measurement of the displacement of an object. 3,175,093, 3–23–65, Cl. 250—237.
De Lang, Hendrik, and G. Bouwhuis, to North American Philips Co., Inc. Optical system for a color television camera. 3,202,039, 8–24–65, Cl. 88—1.
De Lang, Hendrik, and J. J. P. Valeton, to North American Philips Co., Inc. Device of projecting a configuration on a flat carrier simultaneously onto projection screen and a pick-up tube of a television camera with the aid of the same projection objective. 3,215,032, 11–2–65, Cl. 88—24.
Delange, Maurice, H. Huet, and P. Vertes, to Commissariat A L'Energie Atomique. Methods and apparatus in which a mass of solid material is subjected to two successive treatments by gases. 3,198,598, 8–3–65, Cl. 23—14.5.
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De Lany, Beatrice P., and P. L. Copeland. Drill hole type cathode with cooling means. 3,205,388, 9–7–65, Cl. 313—35.
Delany, John J., and E. C. Baisel, to Coyne & Delany Co. Pilot operated diaphragm flush valve. 3,202,396, 8–24–65, Cl. 251—30.
Delapena, John M., to Porlester Ltd. Control circuit for a dishwashing machine. 3,194,250, 7–13–65, Cl. 134—57.
Delapena, John M. D., to Porlester Ltd. Spray device for dishwashing machines. 3,210,010, 10–5–65, Cl. 239—242.
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De la Rambelje, Henry A., to Hico Corp. of America. Form supporting girder construction. 3,196,996, 7–27–65, Cl. 189—36.
De Larebeyrette, Jean., to J.-P. Lepetre. Process for the preparation of cereal flours. 3,172,766, 3–9–65, Cl. 99—93.
De Larebeyrette, Jean. Sterioid for dysproteinemia. 3,175,946, 3–30–65, Cl. 167—77.
De Larebeyrette, Jean. Steroid medication for metabolic disorders. 3,183,160, 5–11–65, Cl. 167—77.
De la Rive Box, Robert. Mosaic comprising a plurality of permanently detachable mosaic elements. 3,178,332, 4–13–65, Cl. 161—37.
De La Ronde, Roy E. J., and G. O. De Lucia. Guitar attachment. 3,169,437, 2–16–65, Cl. 84—267.
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Delarue, Jean-Louis A., to Laboratoires Toraude. Stabilized salicylate compositions. 3,208,907, 9–28–65, Cl. 167—65.
Delaruelle, Jacques, and M. Banal, to Electricite de France, and Gaz de France. Floats. 3,181,182, 5–4–65, Cl. 9—8.
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Browne, Lindsay H. 3,212,447.
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Koenig, Carl F., III, and Blattner. 3,221,491.
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Del Corral, Alberto. Bidirectional binary counter system. 3,189,795, 6–15–65, Cl. 317—140.
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De Leeuw, Gerrit, to Vereenigde Glasfabrieken (United Glassworks), N.V. Method for severing a moil from a glass body. 3,188,189, 6–8–65, Cl. 65—113.
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Deleuze, Edouard, to Commissariat A l'Energie Atomique. Constant-height vertical support device, in particular for tanks. 3,201,076, 8–17–65, Cl. 248—151.
De Lew, Earl R., to Yosemite Chemical Co. Method of treating oil on the surface of water. 3,198,731, 8–3–65, Cl. 210—42.
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Del Francia, Joel A., to Institutional Food Equipment Corp. Combination cook stove and retractable oven. 3,167,065, 1–26–65, Cl. 126—19.
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Delgado, Avelino M., to Electronica Textil S.A. Eltexsa. Electric driver for driving the woof-carrying unit of a loom. 3,179,867, 4–20–65, Cl. 318—135.
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De Lia, Ernest, deceased (by L. De Lia, administratrix), W. R. Pepis, D. J. Carlick, and W. J. Kissel, to Interchemical Corp. New polyamides and laminates made therefrom. 3,207,653, 9–21–65, Cl. 161—190.
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Deline, Jack M. Positive drive axle construction. 3,174,361, 3–23–65, Cl. 74—650.
De Lisle, A. Louis, deceased (by F. S. de Lisle, executrix), to Phoenix Gems, Inc. Insecticide products and method of producing same. 3,207,662, 9–21–65, Cl. 167—42.
De Lisle, Auguste L. Production of improved asbestos fiber. 3,184,288, 5–18–65, Cl. 23—110.
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Dell, Hugh A., to North American Philips Co., Inc. Analogue magnetic integrator. 3,223,847, 12–14–65, Cl. 307—88.
Dell, Richard G., and R. A. Meinzer, to Allied Chemical Corp. Heat stable polycarbamates containing metal salts of oxyacids of phosphorus. 3,201,369, 8–17–65, Cl. 260—45.75.
Dell, Thomas D., to United Shoe Machinery Corp. Heel end assembling machines. 3,176,332, 4–6–65, Cl. 12—8.7.
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Della Porta, Paolo. Method of manufacturing zirconium-aluminum alloy getters. 3,203,901, 8–31–65, Cl. 252—181.6.
Della Porta, Paolo. Getter devices with non-evaporated gettering material, for maintaining vacuum in electronic tubes. 3,225,910, 12–28–65, Cl. 206—.4.
Della Porta, Paolo. Ring-shaped getter with top deflector, for improving and/or keeping up vacuum in electronic tubes. 3,225,911, 12–28–65, Cl. 206—.4.
Della Vite, Romuald R., to Societe Anonyme dite: Societe Francaise d'Etiquetage Virey & Garnier. High-speed labelling machine. 3,196,070, 7–20–65, Cl. 156—571.
Deller, William B., and H. J. Stirling, to Associated Electrical Industries Ltd. Static switching arrangements of the cross-point type. 3,176,273, 3–30–65, Cl. 340—166.
Deller, William B., J. F. Gatward, and H. J. Stirling, to Associated Electrical Industries Ltd. Switching systems employing co-ordinate switching arrangements of the cross-point type. 3,215,782, 11–2–65, Cl. 179—18.
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Dellith, Werner, to Camloc Fastener Corp. Panel fastener. 3,222,744, 12–14–65, Cl. 24—221.
Dellon, Franklin, to General Precision Inc. Distance measuring system by irradiating a target with light and sensing the reflected light. 3,164,661, 1–5–65, Cl. 88—1.
Delloue, Jean, to Institut Francais du Petrole, des Carburants et Lubrifiants. Supervisory remote control and telemetering system. 3,221,305, 11–30–65, Cl. 340—163.
Del Lucchese, Luciano. Combined X-ray and phonocardiographic camera. 3,220,404, 11–30–65, Cl. 128—2.05.
Delman, Alvin D., A. E. Ruff, and B. B. Simms, to United States of America, Navy. Cross-linking of polymers from perfluorodiamidines and perfluoromonoamidines. 3,218,270, 11–16–65, Cl. 260—2.
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De Lorenzo, Eugene J., and R. V. Wright, to Olin Mathieson Chemical Corp. Solid reaction products of amines and non-volatile reaction products of diborane and conjugated diolefin hydrocarbons. 3,167,589, 1–26–65, Cl. 260—583.
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De Lyon, René, and A. E. Travis, to AMP Inc. Electrical connector. 3,188,606, 6–8–65, Cl. 339—256.
Delzanno, Giuseppe, to Fiat Societa per Azioni. Automatic transfer device. 3,200,967, 8–17–65, Cl. 214—1.
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Dempster, George R., deceased (Trust Co. of Georgia, executor), W. A. Herpich, and S. E. Harvey; said W. A. Herpich and S. E. Harvey assors. to Dempster Bros., Inc. Transporting equipment for containers. 3,214,044, 10–26–65, Cl. 214—505.
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Denk, Kurt W. H., deceased (J. Denk, executrix), and T. G. L. Griffiths. Treatment of reels of paper such as newsprint. 3,174,369, 3–23–65, Cl. 82—101.

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Dennis, Clement O., and W. C. Shaver. Apparatus for supporting, loading and unloading tire retreading matrices. 3,166,787, 1–26–65, Cl. 18—2.

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Denniston, Raymond S., to The Bendix Corp. Outboard marine starter-generator dynamo. 3,175,095, 3–23–65, Cl. 290—38.

Dennstedt, Ingofroh, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of acrylonitrile polymers. 3,200,100, 8–10–65, Cl. 260—85.5.

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Bayles, John J., and Denny. 3,225,526.

Denny, Donald: *See*—
Brown, William L., Denny, and Schmucker. 3,207,608.

Denny, James M., and S. A. Carlsson, to Manufacturers Aluminum Products of U.S.A. Building construction. 3,186,-131, 6–1–65, Cl. 50—360.

Denny, John P., and R. W. Hardt, to General Electric Co. Superconductors and method for the preparation thereof. 3,181,936, 5–4–65, Cl. 29—194.

Denny, Orion B., to S. W. Smith, Jr. Collapsible bread crate. 3,186,585, 6–1–65, Cl. 220—97.

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Densmore, Neal W., to Joy Mfg. Co. Pivotally connected conveyor apparatus. 3,209,895, 10–5–65, Cl. 198—92.

Densmore, Neal W., to Joy Mfg. Co. Mine ventilation scheme. 3,225,678, 12–28–65, Cl. 98—50.

Densmore, Samuel P. Insect exterminator. 3,187,458, 6–8–65, Cl. 43—113.

Denson, Costel D., to General Electric Co. Particulate filled coating composition of hydroxyl polyester cured with pyromellitic acid and anhydride. 3,205,192, 9–7–65, Cl. 260—40.

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Dent, Frederick J., and F. C. Wood, to The Gas Council. Gasification of hydrocarbon-containing oils. 3,178,272, 4–13–65, Cl. 48—213.

Dent, Harry D. Mounting device. 3,184,196, 5–18–65, Cl. 248—187.

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Denton, Robert F., to Arthur R. Adams. Air-conditioned helmet. 3,223,086, 12–14–65, Cl. 128—142.

Denton, Sterling C. Universal adjustable holding vise. 3,204,948, 9–7–65, Cl. 269—239.

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Denzin, Gerhard O. W.: *See*—
Spahr, Werner M. F., Hornauer, and G. G. and G. O. W. Denzin. 3,217,985.

Denzler, Rudolph E., and R. E. Farrar, to Colgate-Palmolive Co. Multicompartment dispensing package and method. 3,197,066, 7–27–65, Cl. 222—129.

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De Palma, Ted V., to Universal Oil Products Co. Carburetor throttle valve. 3,176,704, 4–6–65, Cl. 137—239.

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De Priest, Thomas C., to E. I. du Pont de Nemours and Co. Yarn winding apparatus. 3,165,274, 1–12–65, Cl. 242—18.

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De Rosset, Armand J., to Universal Oil Products Co. Method of preparing alumina from aluminum sulfate. 3,169,827, 2–16–65, Cl. 23—143.
De Rosset, Armand J., to Universal Oil Products Co. Preparation of hydrodesulfurization catalyst. 3,177,160, 4–6–65, Cl. 252—465.
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Dersch, William C., to International Business Machines Corp. Sound analyzing system. 3,225,141, 12–21–65, Cl. 179—1.
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De Ruggieri, Pietro, C. Gandolfi, and U. Guzzi, to Ormonoterapia Richter S.p.A. Substituted steroidal isoxazoles. 3,185,684, 5–25–65, Cl. 260—239.55.
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Deschamps, Georges A., to International Telephone and Telegraph Corp. Attitude computer. 3,176,119, 3–30–65, Cl. 235—151.
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Deschner, Richard E. Hydraulic control devices. 3,176,-972, 4–6–65, Cl. 267—1.
De See, Peter G., to Halkey-Roberts Corp. Spring biased check valve. 3,192,949, 7–6–65, Cl. 137—540.
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Deshautreaux, Emile C., Jr. Magnetic reed proximity switch. 3,205,323, 9–7–65, Cl. 200—87.
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Devaney, John L., to American Brake Shoe Co. Railroad car retarder. 3,225,873, 12–28–65, Cl. 188—62.
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De Varda, Giuseppe, and G. Olàh de Garàb. Apparatus and process for production of aluminum, and other metals by fused bath electrolysis. 3,178,363, 4–13–65, Cl. 204—67.
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Doyle, Raymond F. 3,173,538.
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De Vitt, John W., and K. E. Jones. Serving tray. 3,181,-483, 5–4–65, Cl. 108—25.
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Sweeny, Allen N. 3,217,569.
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Devlin, Paul A., and E. Bergman, to Shell Oil Co. New soluble, fusible polymers of polyethylenically unsaturated compounds, and use. 3,215,669, 11–2–65, Cl. 260—63.
Devoe, Albert W. Process and apparatus for the combustion firing of asphalt, petroleum and pulverized coal. 3,176,-921, 4–6–65, Cl. 239—8.
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Cline, Oliver I., Jr. Re. 25,880.
Price, Herbert P., and McWhorter. 3,221,032.
De Voghel, Raymond, to Glaverbel, S.A. Steering differential for vehicles. 3,174,769, 3–23–65, Cl. 280—91.
Devol, James C., and W. W. Kirk, to General Electric Co. Electroluminescent lamp and manufacture thereof. 3,177,-393, 4–6–65, Cl. 313—108.
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De Vore, William W., Jr., to Harvey Hubbell, Inc. Snap acting electric toggle switch. 3,201,538, 8–17–65, Cl. 200—67.
De Vore, William W., Jr., to Harvey Hubbell Inc. Interlocking electrical connectors. 3,206,709, 9–14–65, Cl. 339—91.
De Vos, Krijn J., W. A. J. J. Velge, and M. G. van der Steeg, to North American Philips Co., Inc. Use of hexagonal phase of the compound (Fe Co) P in particle size permanent magnets. 3,188,247, 6–8–65, Cl. 148—101.
De Vos, Marcel O. Wheeled child's vehicle. 3,172,696, 3–9–65, Cl. 297—16.
De Vos, Thomas, and P. S. Skullestad, to Automatic Electric Laboratories, Inc. Waveguide branching filter having compensating cavities. 3,210,693, 10–5–65, Cl. 333—9.
De Vries, Adrian J., to Zenith Radio Corp. Phase-controlled synchronous demodulator. 3,209,270, 9–28–65, Cl. 329—50.
De Vries, Arthur D., and D. D. Dunlop, to Esso Research and Engineering Co. Removal of alkali metals from hydrocarbon polymers containing same. 3,177,191, 4–6–65, Cl. 260—94.2.
De Vries, Coos, to North American Philips Co., Inc. Relaxation oscillator with timing capacitor charge path isolated from transistor leakage current. 3,187,271, 6–1–65, Cl. 331—109.
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De Vries, Douwe, to Shell Oil Co. Well drilling platform. 3,189,093, 6–15–65, Cl. 166—46.
De Vries, Douwe, to Shell Oil Co. Hose reel and hose support system. 3,190,307, 6–22–65, Cl. 137—355.17.
De Vries, Douwe, and F. Poorman, Jr., to Shell Oil Co. Marine conductor pipe assembly. 3,221,817, 12–7–65, Cl. 166—66.5.
De Vries, Eduard R., to Prismo Safety Corp. Anti-static treatment of glass beads. 3,177,083, 4–6–65, Cl. 106—287.
De Vries, Eduard R., to Prismo Safety Corp. Moistureproofing reflective markers. 3,218,186, 11–16–65, Cl. 117—29.
De Vries, Eduard R., to Prismo Safety Corp. Process of peening metals with coated glass beads. 3,225,495, 12–28–65, Cl. 51—319.
De Vries, Eduard R., and W. H. Riley, Jr., to Prismo Safety Corp. Method of making reflex reflective sheeting. 3,164,-645, 1–5–65, Cl. 264—1.
DeVries, Eduard R., and A. J. Ross, to Prismo Safety Corp. Reflective granules. 3,171,827, 3–2–65, Cl. 260—40.
De Vries, Eduard R., and W. H. Riley, Jr., to Prismo Safety Corp. Reflex reflective sheeting and method of making same. 3,176,584, 4–6–65, Cl. 88—82.

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De Vries, Gerhard H. F., to North American Philips Co., Inc. Microradiographic device with means to continuously rotate a photographic film and specimen in an X-ray beam. 3,191,029, 6–22–65, Cl. 250—52.
De Vries, Gerrit, to United States of America, Navy. Water activated gas buoyancy device. 3,175,525, 3–30–65, Cl. 114—20.
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De Vries, Louis, to California Research Corp. Alkylene glycol ester reaction product. 3,197,409, 7–27–65, Cl. 252—56.
De Vries, Louis, to California Research Corp. Alkylene glycol amine reaction product. 3,216,941, 11–9–65, Cl. 252–51.5.
De Vries, Machiel, to Ronette Piezo Electrische Industrie, N.V. Transducer for use both in pick-ups and in track cutting means. 3,176,085, 3–30–65, Cl. 179—100.41.
De Vries, Machiel, to Ronette Piezo Electrische Industrie, N.V. Biaural pick-up cartridge. 3,178,520, 4–13–65, Cl. 179—100.41.
De Vries, Machiel, to Ronette Piezo Electrische Industrie, N.V. Stereophonic pick-up. 3,218,399, 11–16–65, Cl. 179—100.41.
De Vries, Machiel, to Ronette Piezo Electrische Industrie, N.V. Stereo transducer with interchangeable stylus holders. 3,221,110, 11–30–65, Cl. 179—100.41.
De Vries, Marcus, to Leeuwarder Papierwarenfabriek, N.V. Method and device for standing eggs on their point. 3,204,-997, 9–7–65, Cl. 294—1.
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Dew, John N., and W. L. Martin, to Continental Oil Co. Recovery of hydrocarbons by in-situ hydrogenation. 3,208,-514, 9–28–65, Cl. 166—2.
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De Waern, Bror A. Wobble plate anchor control mechanism. 3,198,022, 8–3–65, Cl. 74—60.
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Dewar, Robert A., and V. E. Maier, to Imperial Chemical Industries of Australia and New Zealand Ltd. Apparatus for detecting the presence of organic gases and vapours. 3,215,499, 11–2–65, Cl. 23—255.
Dewart, Randall E., to Mutschler Brothers Co. Music storage compartment. 3,210,142, 10–5–65, Cl. 312—213.
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Dewey, John L., to Reynolds Metals Co. Continuous casting. 3,163,895, 1–5–65, Cl. 22—57.2.
Dewey, John L., to The Dow Chemical Co. Coatings for patterns employed in cavityless casting process. 3,169,288, 2–16–65, Cl. 22—195.
Dewey, Ronald D., to Joerns Bros. Furniture Co. Hospital bed safety side rails. 3,220,023, 11–30–65, Cl. 5—331.
Dewey-Shepard Boiler Co., Inc., The: *See*—
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Dewey, William E.: *See*—
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De Witt, John R., J. C. Mackay, and R. P. Reilly, Sr., to J. F. McElwain Co., a division of Melville Shoe Corp. Method of manufacturing a molded sole and heel combination. 3,192,545, 7–6–65, Cl. 12—142.
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De Witt, Nicklas R. Method and means for relining brakes in truck and trailer brake systems. 3,223,202, 12–14–65, Cl. 188—78.
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De Wolf, Nicholas, and R. E. Hall, to Transitron Electronic Corp. Controllable semiconductor devices. 3,197,652, 7–27–65, Cl. 307—88.5.
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De Woskin, Irvin S. Method of and apparatus for manufacturing absorbent pads. 3,201,295, 8–17–65, Cl. 156—62.6.
Dews, Stanley H., to Ford Motor Co. Link type independent wheel suspension for vehicles. 3,177,965, 4–13–65, Cl. 180—73.
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Dexter, Martin, M. Knell, and E. A. Roskin, to Geigy Chemical Corp. Method of stabilization with a substituted triazine and compositions stabilized thereby. 3,202,681, 8–24–65, 260—249.5.
Dexter, Martin, J. J. Hayes, and R. M. Pines, to Geigy Chemical Corp. Synergistic stabilization of polypropylene with triazines, benzotriazoles and thiodipropionic esters. 3,205,-193, 9–7–65, Cl. 260—45.8.
Dexter, Robert J., to Crown Zellerbach Corp. Counting control device. 3,191,456, 6–29–65, Cl. 74—568.
Dexter, Theodore H., J. A. Peterson, and J. J. Wylegala, to Hooker Chemical Corp. Method for recovering hydrogen fluoride from waste gases. 3,219,410, 11–23–65, Cl. 23—153.

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De Young, Edwin L., to Standard Oil Co. Monocarboxylic acid diesters of 1,1'di-alphahydroxy methyl ferrocene. 3,217,-019, 11–9–65, Cl. 260—410.
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Diamant, Marcus. Protective sheath for clinical thermometers. 3,190,436, 6–22–65, Cl. 206—16.5.
Diamant, Marcus. Dispensing pack. 3,214,013, 10–26–65, Cl. 206—56.
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Struble, Glenn E. 3,187,976.
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Diamond, Lew H., to Otis Elevator Co. Proximity detector circuitry for elevator closures. 3,194,975, 7–13–65, Cl. 307—88.5.
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Milinowski, Arthur S. 3,181,535.
Diassi, Patrick A., P. A. Principe, and J. Fried, to Olin Mathieson Chemical Corp. Production of 12α-alkyl-21-hydroxyprogesterone derivatives. 3,164,532, 1–5–65, Cl. 195—51.
Diassi, Patrick A., P. A. Principe, and J. Fried, to Olin Mathieson Chemical Corp. 12α-methyl pregnene derivatives. 3,169,978, 2–16–65, Cl. 260—397.3.
Diassi, Patrick A., and A. I. Laskin, to Olin Mathieson Chemical Corp. Δ^{12}-13,17-seco-androstene compounds and lactone intermediates therefor. 3,174,982, 3–23–65, Cl. 260—343.2.
Diassi, Patrick A., and A. I. Laskin, to Olin Mathieson Chemical Corp. 11β,12β-oxido-14α-hydroxy-Δ^4-pregnenes. 3,184,450, 5–18–65, Cl. 260—239.55.
Diassi, Patrick A., and A. I. Laskin, to Olin Mathieson Chemical Corp. 11β,12β-oxido-6β-hydroxy-Δ^4-pregnenes. 3,184,451, 5–18–65, Cl. 260—239.55.
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Dibble, David B., and H. T. Hale, to Carrier Corp. Refrigeration system defrost control. 3,170,305, 2–23–65, Cl. 62—155.
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Di Bella, Eugene P., to Tenneco Chemicals, Inc. Process for the preparation of polychlorobenzoic acids. 3,223,728, 12–14–65, Cl. 260—515.
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Di Camillo, Carmine V.: *See*—
Miller, Norman A., and Di Camillo. 3,187,971.
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Di Cesare, Pierino. Propeller. 3,173,492, 3–16–65, Cl. 170—172.
Di Chiaro, Joseph A. Refrigerator door construction. 3,177,989, 4–13–65, Cl. 189—46.
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Evans, William E., Jr., and Murphy. 3,170,032.
Laben, Wallace J., Robbins, and Schmidt. 3,167,455.
Rogers, Lee R., and Zahradnik. 3,210,071.
Stone, Joseph J., Jr. 3,179,745.
Stone, Joseph J., Jr. 3,185,999.
Stone, Joseph J., and Adams. 3,182,224.
Stone, Joseph J., and Adams. 3,202,980.
Stone, Joseph J., Adams, Dahl, and Estock. 3,223,778.
Stone, Joseph J., and Borland. 3,186,839.
Tonkin, Kenneth J. 3,187,864.
Wanielista, Walter, and Sippel. 3,203,335.
Dick, Charles W. Device for cleaning the throw away type of air filters of automobiles. 3,216,429, 11–9–65, Cl. 134—102.
Dick, George M., to Bird Machine Co. Pressure type screening devices. 3,223,239, 12–14–65, Cl. 209—270.
Dick, George W., to Bell Telephone Laboratories, Inc. Single-transistor circuit producing pulse predetermined interval from trailing edge of final pulse in any pulse-train. 3,188,497, 6–8–65, Cl. 307—88.5.
Dick, George W., to Bell Telephone Laboratories Inc. Controllable magnetic storage circuit. 3,192,511, 6–29–65, Cl. 340—174.
Dick, Herbert K.: *See*—
Saunders, John P., Dick, and Tardiff. 3,200,965.
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Petraglia, Annmarie G., and Dick. 3,169,092.
Dick, Ray A. Dispensing device for collapsible tube. 3,197,072, 7–27–65, Cl. 222—102.
Dick, Vester. Automatic photographic color processing machine. 3,165,049, 1–12–65, Cl. 95—89.
Dick, Walther, and L. von Bogdandy, to Huttenwerk Oberhausen Aktiengesellschaft. Apparatus for reducing metal oxides, especially iron oxides. 3,191,920, 6–29–65, Cl. 266—25.
Dicke, Oscar H. Automatically rate regulated timepieces. 3,192,703, 7–6–65, Cl. 58—85.5.
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Dickens, John E., to E. I. du Pont de Nemours and Co. Process for reducing noise level in electrostatic recording media. 3,179,944, 4–20–65, Cl. 346—1.
Dickens, John E., to E. I. du Pont de Nemours and Co. Electrostatic recording process. 3,185,995, 5–25–65, Cl. 346—1.
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Dickerson, Richard T., to The Dow Chemical Co. Salts of monocarboxylic acid copolymers as thickeners for non-polar solvents. 3,180,844, 4–27–65, Cl. 260—30.6.
Dickerson, Richard T., to The Dow Chemical Co. Liquid hydrocarbon thickened with t-butyl styrene interpolymers containing metal carboxylate groups. 3,219,619, 11–23–65, Cl. 260—33.6.
Dickerson, Robert L. Portable scaffold. 3,212,605, 10–19–65, Cl. 182—119.
Dickey, Charles N. Resurfacing apparatus. 3,199,423, 8–10–65, Cl. 94—44.
Dickey, Clyde W., and O. K. Harling, to HRB-Singer, Inc. Ultrasonic device. 3,173,034, 3–9–65, Cl. 310—8.3.
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Moore, William H., Towne, and Dickey. 3,221,006.
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Dickie, William R., to Hi-Shear Corp. Explosive separable nut. 3,176,573, 4–6–65, Cl. 85—33.
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Dickie, William R., and C. K. Brown, to Space Ordance Systems. Explosively releasable nut assembly. 3,204,515, 9–7–65, Cl. 85—33.
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Dickinson, Ben W. O. III. Method and apparatus for generating and receiving ultrasonic helical waves. 3,186,216, 6–1–65, Cl. 73—67.5.
Dickinson, John R., to Atomic Energy of Canada Ltd. Reactor with tubes displaced from core axes. 3,201,318, 8–17–65, Cl. 176—30.
Dickinson, John T. Wiggling action fishing lures. 3,205,608, 9–14–65, Cl. 43—42.23.
Dickinson, Lloyd R., and W. V. Vessalo, to McKinney Mfg. Co. Folding door pivot pin retainers. 3,172,146, 3–9–65, Cl. 16—129.
Dickinson, Richard E. and R. W. Well screen. 3,221,819, 12–7–65, Cl. 166—233.
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Dickson, Donald C., Jr., to Motorola, Inc. Connections in semiconductor devices. 3,199,004, 8–3–65, Cl. 317—240.
Dickson, Donald C., Jr., and R. M. Bird, to Motorola, Inc. Heavy-base semiconductor rectifier. 3,176,201, 3–30–65, Cl. 317—234.
Dickson, Donald C., Jr., and R. M. Bird, to Motorola, Inc. Method for making semiconductor devices. 3,176,382, 4–6–65, Cl. 29—155.5.
Dickson, Edwin J., A. M. Waldron, Jr., B. S. Ziccarelli, and C. H. Swanson, to The Babcock & Wilcox Co. Apparatus for molding refractory shapes. 3,178,791, 4–20–65, Cl. 25—2.
Dickson, James J., to Allis-Chalmers Mfg. Co. Nuclear reactor with improved core arrangement facilitating loading and unloading of fuel assemblies and control rod assemblies. 3,208,914, 9–28–65, Cl. 176—30.
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Bleiweiss, Arthur F., Colombo, Dickson, and Orlov. 3,225,166.
Dickson, John B., to Signal Stat Corp. Lamp socket with shock-free mounting. 3,208,031, 9–21–65, Cl. 339—93.
Dickson, John B., to Lehigh Valley Industries, Inc. Motor vehicle clearance and marker lamps with shock isolation. 3,222,512, 12–7–65, Cl. 240—8.2.
Dickson, Robert B., to Dickson Weatherproof Nail Co. Nailer. 3,212,633, 10–19–65, Cl. 206—56.
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Dickson, William A., to Dickson Corp. Slurry throttle valve. 3,220,693, 11–30–65, Cl. 251—122.
Dickson, Woodrow J., and F. W. Jenkins, to Petrolite Corp. Derivatives of branched polyalkylenepolyamines. 3,200,106, 8–10–65, Cl. 260—97.5.
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De Puydt, Frank A., and Silver. 3,180,455.
Di Corpo, Dino D. Water curtain protective spray nozzle adapter. 3,212,719, 10–19–65, Cl. 239—541.
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Wolfner, William F., Wallace, and Sherman. 3,218,076.
Didier, Robert C., E. R. Schickler, and M. W. Redmond, Jr., to General Dynamics Corp. Digital turret tuning device. 3,206,699, 9–14–65, Cl. 334—2.
Di Domenico, Joseph, and F. Mellion, to Jo-Dee Corp. Rotary dispenser. 3,180,521, 4–27–65, Cl. 221—105.
Di Domenico, Joseph, and F. Mellion, to Jo-Dee Corp. Device for dispensing small articles. 3,199,724, 8–10–65, Cl. 221—257.
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Diebold, Edward J., to International Rectifier Corp. Monitoring arrangement for power converter. 3,172,093, 3–2–65, Cl. 340—253.
Diebold, Edward J., to International Rectifier Corp. High voltage rectifier stack. 3,184,646, 5–18–65, Cl. 317—101.
Diebold, Edward J., to International Rectifier Corp. High voltage rectifier structure. 3,217,210, 11–9–65, Cl. 317—101.
Diebold, Edward J., to International Rectifier Corp. Method of making a transistor containing a multiplicity of depressions. 3,225,416, 12–28–65, Cl. 29—25.3.
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Krug, Newton J., Graber, and Alvarez. 3,166,366.
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Diedrich, Paul and H., to Schering AG. Long lasting benzene sulfonamide derivatives. 3,214,335, 10–26–65, Cl. 167—51.5.
Diefendorf, Russell J., to General Electric Co. Method of forming composite graphite coated article. 3,172,774, 3–9–65, Cl. 117—46.
Diefendorf, Russell J., to General Electric Co. Phosphate impregnated graphite and method. 3,206,327, 9–14–65, Cl. 117—121.
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Diehl, Karl, to C. Bauer. Apparatus for driving bolts into masonry, structural parts and the like. 3,203,609, 8–31–65, Cl. 227—8.
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Diekmann, Heinrich, K. Opp, H. Roos, and H. Schulz, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for the production of ammonium nitrate of low hygroscopicity and high bulk density. 3,171,716, 3–2–65, Cl. 23—103.

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Diener, Rudolf, to A. G. Eldima. Electromagnetically operated temperature regulating system. 3,168,242, 2–2–65, Cl. 236—75.
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Dies, Herbert F. Padlock constructed for quick key change. 3,187,525, 6–8–65, Cl. 70—38.
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Dietlein, Robert W., to Components Engineering and Mfg. Co., Inc. Unitized fastener. 3,215,183, 11–2–65, Cl. 151—41.73.
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Dinning, John R., to Toledo Scale Corp. Photo-electric sensing means for elevator control. 3,176,797, 4–6–65, Cl. 187—29.
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Diotalevi, Mario J., and C. L. Hayden, to United Aircraft Corp. Blast furnace pressurized by jet engine gas. 3,216,-711, 11–9–65, Cl. 266—13.

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Di Paolo, Mario, to United States of America, Army. Concealed sealing flap for garment openings. 3,208,082, 9–28–65, Cl. 2—219.

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Di Perry, John, to United States of America, Navy. Manual probe tracking system. 3,217,320, 11–9–65, Cl. 343—7.3.

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Dirks, Gerhard. Storage and transmission of data signals. 3,213,437, 10–19–65, Cl. 340—174.1.

Dirks, Gerhard. Signal operated control means for keyboard and like machines. 3,223,979, 12–14–65, Cl. 340—172.5.

Dirmeyer, Michael H. Display apparatus. 3,178,243, 4–13–65, Cl. 312—200.

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Di Settembrini, Antoine. Apparatus for manufacturing hollow thermoplastic articles. 3,209,400, 10–5–65, Cl. 18—5.

Di Settembrini, Antoine H. Device for cutting off packaging, more particularly of plastic material. 3,213,725, 10–26–65, Cl. 82—56.

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Distler, Harry, G. Leibner, K. J. Fust, E.-H. Pommer, and H. Stummeyer, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Aminoethanesulfonic acid aryl esters. 3,190,-907, 6–22–65, Cl. 260—456.

Dithmar, Karl, P. Koblischek, and E. Naujoks, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Process for the production of 3-benzoyl derivatives of substituted hydantoins. 3,183,242, 5–11–65, Cl. 260—309.5.

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Di Toro, Michael J., to Cardion Electronics, Inc. Apparatus for correcting distortion in wave-signal translating channels. 3,206,688, 9–14–65, Cl. 328—165.

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Domes, E A, to International Harvester Co. Vehicle suspension means. 3,171,670, 3–2–65, Cl. 280—124.

Domes, E. A., to International Harvester Co. Resilient snubbing connection between the tilting body and the hoist cylinder. 3,202,458, 8–24–65, Cl. 298—22.

Domes, E. A., to International Harvester Co. Rigid axle attaching device and protective shield. 3,208,766, 9–28–65, Cl. 280—124.

Domes, E. A., to International Harvester Co. Top rail construction for a truck body. 3,208,790, 9–28–65, Cl. 296—28.

Domin, Bernhard J., to Dr. Plate G.m.b.H. Flocks for the production of velvet-like or plush-like materials and process for the production of such materials by electrostatic means. 3,203,821, 8–31–65, Cl. 117—17.

Domina, Delfried, to Georg Fritzmeir. Tractor roof and windshield. 3,216,761, 11–9–65, Cl. 296—102.

Domingos, Elba C.: *See*—
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Domingos, John G., ½ to J. G. and E. C. Domingos, jointly, and ¼ to M. R. and J. M. Domingos. Golf grip cleansing device. 3,224,029, 12–21–65, Cl. 15—513.

Domingos, John M.: *See*—
Domingos, John G. 3,224,029.

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Dominik, Jack E.: *See*—
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Dominion Corset Co., Ltd.: *See*—
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Chatfield, Victor G. M., and Newey. 3,220,696.
Goddard, Denis A., and Truxa. 3,201,308.
Grater, Vivian S. 3,186,902.
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Lang, Johann H. 3,187,190.
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Sproule, Robert S. 3,174,720.
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Dominion Foundries and Steel, Ltd.: *See*—
Canfor, Kenneth R. 3,201,297.
Dobson, Richard N., and Bexon. 3,200,769.
Dobson, Richard N., and Bexon. 3,200,771.

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Dominion Luggage Co.: *See*—
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Dominion Malting (Ontario) Ltd.: *See*—
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Dominy, Olin O. Magnetic slide tray. 3,203,123, 8–31–65, Cl. 40—78.

Domm, Ulrich, and W. Föller, to Klein, Schanzlin & Becker Aktiengesellschaft. Thermostatically actuated valve. 3,169-704, 2–16–65, Cl. 236—59.

Domm, Ulrich, W. Föller, and R. Egelhofer, to Klein, Schanzlin & Becker Aktiengesellschaft. Thermostatically controlled valve for a steam trap. 3,226,026, 12–28–65, Cl. 236—59.

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Domsitz, Myron G., to United States of America, Army. Photoflash synchronization system. 3,218,947, 11–23–65, Cl. 95—11.5.

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Donahue, Lawrence E., to Honeywell Inc. Motorized valve. 3,176,720, 4–6–65, Cl. 137—625.44.
Donahue, Thomas M. Method and apparatus for measuring impedance increases in the ground or protective ground wires leading to three-wire prong power receptacles. 3,205,436, 9–7–65, Cl. 324—51.
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Donaldson, Desmond M., to Borg-Warner Corp. Heat exchanger. 3,211,118, 10–12–65, Cl. 113—118.
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Donaldson, Ralph J., Jr., to United States of America, Air Force. Constant height antenna scan. 3,200,397, 8–10–Cl. 343—7.4.
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Donat, Frank J., and E. H. Baker, to The B. F. Goodrich Co. Polymerization process for polyvinylidene chloride and copolymers thereof using an insoluble metallic soap as sole emulsifier. 3,189,582, 6–15–65, Cl. 260—85.5.
Donat, Frank J., to The B. F. Goodrich Co. Emulsion polymerization process using soluble and insoluble emulsifiers. 3,189,587, 6–15–65, Cl. 260—92.8.
Donat, Frank J., and E. H. Baker, to The B. F. Goodrich Co. Polymerization process for polyvinyl esters using an insoluble metallic soap as sole emulsifier. 3,196,134, 7–20–65, Cl. 260—78.5.
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Donelson, George R., to The Budd Co. Method of drying paper to produce a cockle finish. 3,193,403, 7–6–65, Cl. 117—7.
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Donner, Verne P., to International Harvester Co. Hydraulic control valve. 3,213,880, 10–26–65, Cl. 137—596.
Donner, Verne P., to International Harvester Co. Hydraulic reservoir and filter. 3,214,023, 10–26–65, Cl. 210—172.
Donner, Verne P., and W. L. Werchun, to International Harvester Co. Hydraulic control system and unloading valve therefor. 3,175,800, 3–30–65, Cl. 251—35.
Donnison, George H., to Abbott Laboratories. Preparation of sodium cyclohexylsulphamate. 3,192,252, 6–29–65, Cl. 260—500.
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D'Onofrio, Anthony, to Pratt & Whitney Inc. Method of curing cementitious material by radio frequency energy. 3,192,291, 6–29–65, Cl. 264—26.
D'Onofrio, Anthony A., to Union Carbide Corp. Linear polyesters of 9,9-fluorene-dicarboxylic acids and a method for the preparation thereof. 3,219,627, 11–23–65, Cl. 260—47.
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Donohoo, David D., Jr., and E. H. Sonnanstine, Jr., to The National Cash Register Co. Business machine rack stopping mechanism. 3,182,907, 5–11–65, Cl. 235—61.
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Donohue, Thomas F., to General Motors Corp. Coupled engines. 3,181,294, 5–4–65, Cl. 60—39.15.
Donohue, Walter A., to The Electric Storage Battery Co. Method for producing porous sintered plate. 3,186,871, 6–1–65, Cl. 136—29.
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Donville, David L., W. B. Lueft, and A. G. Zuch, to Western Electric Co., Inc. Apparatus for testing stranded conductors utilizing pulses originating in the conductors under test. 3,183,435, 5–11–65, Cl. 324—51.

Doob, Hugo, Jr., T. E. Philipps, and G. E. Benson, to Owens-Corning Fiberglas Corp. Method of preparing fibrous glass reinforcements. 3,220,905, 11–30–65, Cl. 156—180.

Dood, Charles G., and L. Maus, to Cherokee Laboratories, Inc. Method of depolymerizing alginic acid salts and esters by reaction with NO. 3,208,995, 9–28–65, Cl. 260—209.6.

D'Ooge, Charles L.: *See*—
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Dooley, Thurman T., to Cougar Mfg. Co., Inc. Brush rake attachment for bulldozer blade. 3,163,945, 1–5–65, Cl. 37—2.

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Oakes, Earle T., Doom, Sundheim, and McElligott. 3,170,608.

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Doperalski, Eugene J., to Joy Mfg. Co. Piston ring assembly. 3,203,705, 8–31–65, Cl. 277—150.

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Doran, Verna H. Display head. 3,197,093, 7–27–65, Cl. 223—66.

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Dorey, George B., to Enterprise Railway Equipment Co. Hopper outlet discharge structure. 3,170,413, 2–23–65, Cl. 105—282.

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Newcomer, Jack S., Weil, Dorfman, and Linder. 3,219,430.
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Dorfman, Hiller D., deceased (by M. R. Dorfman, administratrix), and C. L. Jones, to Westinghouse Electric Corp. Insulating mounting block and circuit interrupting device. 3,211,960, 10–12–65, Cl. 317—119.

Dorfman, Hiller D., deceased (by M. R. Dorfman, administrator), and G. J. Freese, to Westinghouse Electric Corp. Circuit breaker with arc-extinguishing means. 3,218,418, 11–16–65, Cl. 200—144.

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Dorn, Randolph J., to The Barr Rubber Products Co. Ball and method of making same. 3,199,871, 8–10–65, Cl. 273—65.

Dorn, Ronald V., and R. R. Logan, 30% to R. R. Logan, 70% to R. V. Dorn. Apparatus for sealing envelopes. 3,168,428, 2–2–65, Cl. 156—442.

Dorn, Ronald V., and R. R. Logan; 30% to said Logan and 70% to said Dorn. Sealing and stamping machine. 3,186,890, 6–1–65, Cl. 156—363.

Dornauf, Arnold, to Faudi Feinbau G.m.b.H. Jet fuel filtering, emulsion breaking and drying device. 3,186,551, 6–1–65, Cl. 210—243.

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Dornbush, Herbert W., and B. M. Gallaher, to McGraw-Edison Co. Transformer fuse. 3,178,613, 4–13–65, Cl. 317—15.

Dorney, Thomas H., to Fastener Corp. Fastener driving apparatus. 3,215,324, 11–2–65, Cl. 227—123.

Dornier, Peter, to Lindauer Dornier Gesellschaft m.b.H. Apparatus for stretching lengths of thermoplastic foil material in the longitudinal direction and in the transverse direction. 3,172,150, 3–9–65, Cl. 18—1.

Dornier, Peter, and T. Laufer, to Dornier-Werke G.m.b.H. Flyable helicopter pilot training apparatus. 3,176,413, 4–6–65, Cl. 35—12.

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Dreyfus-Alain, Bertrand, to Societe d'Electronique et d'Automatisme. Electrical current routing device. 3,226,604, 12–28–65, Cl. 317—137.
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Dryden, Hugh L., deputy administrator of the National Aeronautics and Space Administration, with respect to an invention of M. A. Appel and D. F. Weitzel. Propellant tank pressurization system. 3,170,295, 2–23–65, Cl. 60—39.48.
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Dubuc, Robert J., to The Bendix Corp. Brake thrust link. 3,165,174, 1–12–65, Cl. 188—78.
Dubuf, Pierre, to Societe Industrielle Generale de Mecanique Appliquee S.I.G.M.A. Hydraulic devices for reciprocating elements having high inertia. 3,213,762, 10–26–65, Cl. 91—451.
Du Buis, Edwin O., E. L. Cucksey, and C. E. Lindquist, to Willcox & Gibbs Sewing Machine Co. Doffing and donning mechanism. 3,164,946, 1–12–65, Cl. 57—53.
Dubuisson, Jacques: *See*—
Accary, Andre, and Dubuisson. 3,173,753.
Dubuque Awning & Tent Co., Inc.: *See*—
Frommelt, Cyril P., P. J., and S. J. 3,172,444.
Frommelt, Cyril P. and S. J. 3,181,205.
Ducati, Adriano C.: *See*—
Giannini, Gabriel M., and Ducati. 3,185,778.
Ducati, Adriano C., to Giannina Scientific Corp. Method of effecting magnetic deformation of a workpiece. 3,171,014, 2–23–65, Cl. 219—149.
Ducet, Robert, to Societe des Poudres Metalliques et des Alliages Speciaux Ugine-Carbone. Tool holders. 3,187,407, 6–8–65, Cl. 29—96.
Ducey, James A., to Case Plumbing Mfg. Co. Water supply system for water closet. 3,172,128, 3–9–65, Cl. 4—41.
Duch, Eduard, W. Herbst, F. Rochlitz, H. Scherer, and H. Vilcsek, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process and composition for the after-treatment of phosphate coatings. 3,202,534, 8–24–65, Cl. 117—75.
Duch, Eduard, W. Herbst, F. Rochlitz, H. Scherer, and H. Vilcsek, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Method and composition for producing adherent coatings on metal parts. 3,224,908, 12–21–65, Cl. 148—6.15.
Duchange, Guillaume. Method of manufacturing ink-free pulp with unbroken fibres from reclaimed paper. 3,189,516, 6–15–65, Cl. 162—6.
Ducharme, Joseph C., and W. T. Nowell, to Western Electric Co., Inc. Apparatus for mounting washers on component leads. 3,209,441, 10–5–65, Cl. 29—203.
DuCharme, Max W. Boat transporting device. 3,220,745, 11–30–65, Cl. 280—47.32.
Duchek, Ernest J.: *See*—
Norman, Robert J., and Duchek. 3,183,719.
Duchesne, Normand, 49% to R. Davidson. Driving handle for rotary tools. 3,208,317, 9–28–65, Cl. 81—177.
Duchesneau, Herve R. Sine-square. 3,191,309, 6–29–65, Cl. 33—102.
Duchin, Maurice, Creations, Inc.: *See*—
Ginat, Jonathan. 3,191,555.
Ginat, Jonathan. 3,207,101.
Ross, Lon. 3,187,692.
Duchin, Paul J., to Aquaval Specialties, Inc. Vacuum breaker including check valve. 3,183,924, 5–18–65, Cl. 137—218.
Duck, Edward W., and R. Berkenbosch, to Shell Oil Co. Process for polymerizing conjugated dienes. 3,220,999, 11–30–65, Cl. 260—94.3.
Duck, Edward W., and R. Berkenbosch, to Shell Oil Co. Sulfur-vulcanizable interpolymers comprising at least one alpha-olefin and a polyvinylcycloalkane and a process for preparation. 3,222,331, 12–7–65, Cl. 260—80.5.
Duck, Edward W., R. Berkenbosch, and H. G. P. van der Voort, to Shell Oil Co. Process for the terpolymerization of monoolefins. 3,222,332, 12–7–65, Cl. 260—80.5.
Duck, Edward W., and P. M. Duinker, to Shell Oil Co. Polymerization process. 3,222,333, 12–7–65, Cl. 260—80.7.
Duck, Edward W., and J. A. Waterman, to Shell Oil Co. Polymerization of conjugated diolefins with a cobalt or nickel compound-aluminum halide-tin hydrocarbylhydride catalyst. 3,222,348, 12–7–65, Cl. 260—94.3.
Duck, Peter M., to The General Electric Co., Ltd. Transistor with mounting providing efficient heat dissipation through an envelope and method of making the same. 3,196,326, 7–20–65, Cl. 317—234.
Ducki, Chester J.: *See*—
Sylvander, Charles E., and Ducki. 3,177,859.
Duckman, Simon, and J. A. Lilla. Postoperative binder. 3,194,234, 7–13–65, Cl. 128—95.
Duckor, Lewis M.: *See*—
Swartz, David P., Sarasohn, and Duckor. 3,168,718.
Duckwald, Charles S.: *See*—
Cain, Dallas E., and Duckwald. 3,213,689.
Duckworth, Henry M.: *See*—
Miller, William S., and Duckworth. 3,198,652.
Duckworth, James P., to United States of America, Atomic Energy Commission. Countercurrent nuclear-fuel liquid-liquid extraction apparatus. 3,179,501, 4–20–65, Cl. 23—270.5.
Duckworth, Leonard J.: *See*—
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Duclaux, Daniel, to Pechiney-Compagnie de Produits Chimiques et Electrometallurgiques. Machine for picking and distributing aluminum oxide into electrolytic cells. 3,216,918, 11–9–65, Cl. 204—245.
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Held, Hans J. 3,170,777.
Zenz, Frederick A., and Hunter. 3,179,378.
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Cooke, Harry F., Ducote, and Parsons. 3,207,989.
Ducrot, Albert. Sofa convertible into a bed by unfolding in one direction only. 3,187,351, 6–8–65, Cl. 5—31.
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Duda, John, U. Ingard, and F. M. Oran, to Industrial Acoustics Co., Inc. Sound attenuator and method of producing same. 3,195,679, 7–20–65, Cl. 181—56.
Duda, Otto H., to Calmar, Inc. Cream dispenser. 3,175,740, 3–30–65, Cl. 222—390.
Duda, Otto H., and R. C. Cooprider, to Calmar, Inc. Liquid dispenser. 3,180,534, 4–27–65, Cl. 222—321.
Dudas, Rudolph F., to General Felt Industries, Inc. Surface-covering cushion and method for making the same. 3,179,551, 4–20–65, Cl. 161—116.
Dudascik, George, to The Duplan Corp. Skein reel for winding machines. 3,215,363, 11–2–65, Cl. 242—127.

Duddridge, Gordon K., and J. A. Millard, to International Standard Electric Corp. Welding of electric cables. 3,226,522, 12–28–65, Cl. 219—60.
Duddy, Joseph C., to The Electric Storage Battery Co. Fuel cell electrodes and method of making the same. 3,171,757, 3–2–65, Cl. 117—217.
Duddy, Joseph C., to The Electricl Storage Battery Co. Fuel cell electrode and method of making the same. 3,181,973, 5–4–65, Cl. 136—120.
Dudek, John A.: *See*—
Mellen, Edward J., Jr., Webb, de Fasselle, and Dudek. 3,222,435.
Dudek, Joseph A., and E. L. Reed, to United States of America, Atomic Energy Commission. Self-moderating fuel element. 3,170,847, 2–23–65, Cl. 176—71.
Dudek, Joseph A., and E. L. Reed, to United States of America, Atomic Energy Commission. Method for fabricating self-moderating nuclear reactor fuel element. 3,197,389, 7–27–65, Cl. 204—1.5.
Duden, Emanuel H., to Gevaert Photo-Producten, N.V. Sealing band for film spools. 3,195,722, 7–20–65, Cl. 206—53.
Dudenhoffer, William H. Automatic shop towel dispenser. 3,193,070, 7–6–65, Cl. 194—4.
Dudko, Daniil A., R. M. Gordon, O. O. B. Rozenberg, and G.-G. Meilikh, to Institute Elektrosvarki E. O. Paton. Device for electric welding of vertical and inclined seams. 3,204,082, 8–31–65, Cl. 219—126.
Dudko, Nicholas. Swing-away can opener. 3,182,946, 5–11–65, Cl. 248—291.
Dudler, Hans A., to Cardiosonics Medical Instruments Corp. Industrial stethoscope. 3,185,251, 5–25–65, Cl. 181—24.
Dudley, Charles F., to Dow Corning Corp. Silicate containing compositions for leather treatment. 3,215,755, 11–2–65, Cl. 260—825.
Dudley, Edward A.: *See*—
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Dudley, H. T., Co., Inc.: *See*—
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Dudley, Homer T., to H. T. Dudley Co., Inc. Reusable clamp for beam forms. 3,220,691, 11–30–65, Cl. 249—18.
Dudley, James M.: *See*—
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Dudley, John W., to Ross Laboratories, Inc. Pules interval indicator. 3,177,492, 4–6–65, Cl. 346—33.
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Dudte, Fred, to Harper and Saunder, Inc. Automatic feeder. 3,223,227, 12–14–65, Cl. 198—64.
Duecy, George P. Cement transporting and placing machine. 3,185,450, 5–25–65, Cl. 259—172
Duenke, Clarence G., to Core Mfg. Co. Laminated transformer core having butt joints staggered along a straight line. 3,189,860, 6–15–65, Cl. 336—217.
Duenke, Clarence G., to Core Mfg. Co. High reactance transformer. 3,204,210, 8–31–65, Cl. 336—165.
Duennenberger, Max: *See*—
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Siegrist, Adolf E., Biland, and Duennenberger. 3,211,729.
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Duer, Morris J., to General Motors Corp. High temperature actuator seal. 3,179,426, 4–20–65, Cl. 277—112.
Duero, John J., and W. G. Pierce, to A. O. Smith Corp. Leaf spring attachment to vehicle frame. 3,177,005, 4–6–65, Cl. 280—106.5.
Duerr, Dieter, H. Aebi, and L. Ebner, to Ciba Ltd. Method for combating fungi with 2-(2,2,2-trichloro-1-hydroxyethylamino)pyridine. 3,203,855, 8–31–65, Cl. 167—33.
Duerr, Melvin V., to Westinghouse Electric Corp. Electron discharge device. 3,213,311, 10–19–65, Cl. 313—82.
Duesberg, Henri R.: *See*—
De Halleux, Pierre, Walkenier, and Duesberg. 3,177,643.
Duesel, Bernard F., and S. Emmanuele, to Nepera Chemical Co. Inc. Preparation of 3-hydroxypyridine. 3,218,330, 11–16–65, Cl. 260—297.
Dufaylite Developments Ltd.: *See*—
May, George. 3,225,509.
White, Desmond D., Thwaites, and Judd. 3,166,456.
White, Desmond D. 3,189,501.
Dufek, Edward J., L. E. Gast, H. M. Teeter, G. C. Mustakas, and J. C. Cowan, to United States of America, Agriculture. Coating compositions comprising polymers of vinyl ethers of polyunsaturated fatty alcohols. 3,179,717, 4–20–65, Cl. 260—886.
Dufendach, William R., and M. J. Applegate, to American Seating Co. Instruction apparatus for classrooms. 3,223,956, 12–14–65, Cl. 339—14.
Duff, Alan A., to Cooke Engineering Co. Laboratory apparatus. 3,191,813, 6–29–65, Cl. 222—356.
Duff, Billy E., to Midwestern Instruments, Inc. Fluid flow control stage. 3,180,346, 4–27–65, Cl. 137—81.5.
Duff, Billy E., to Midwestern Instruments, Inc. Torque motor. 3,214,646, 10–26–65, Cl. 317—171.
Duff, David L. A., to Canadian Westinghouse Co., Ltd. Line tracers. 3,214,661, 10–26–65, Cl. 318—31.
Duff, Earl R. Pickling rack. 3,197,267, 7–27–65, Cl. 312—213.
Duff, Jack E., D. W. Graves, and C. D. Berger, to The Hoover Co. Synchronous motor with self-set limit control. 3,192,415, 6–29–65, Cl. 310—8.3.
Duff, Joseph H.: *See*—
Soriente, Alfonse J., and Duff. 3,193,099.
Duff-Norton Co.: *See*—
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Duff, Richard D., and J. W. Hackett, to Owens-Illinois Glass Co. Glassware cooling and transfer apparatus. 3,175,301, 3–30–65, Cl. 34—105.
Duffala, Joseph, to Bendix-Westinghouse Automotive Air Brake Co. Glad hand cover. 3,208,623, 9–28–65, Cl. 220—35.
Duffek, Edward F., Jr., to California Research Corp. Columbium-tantalum base alloy. 3,186,837, 6–1–65, Cl. 75—174.
Duffers Associates, Inc.: *See*—
Ferguson, Hugo S. 3.201,688.
Duffey, Francis D., and R. P. Flannagan, to Newport News Shipbuilding and Dry Dock Co. Method and apparatus for electric welding. 3,192,357, 6–29–65, Cl. 219—73.
Duffield, Albert J., to Olin Mathieson Chemical Corp. Metal cartridge manufacture. 3,187,402, 6–8–65, Cl. 29—1.3.
Duffield, Joseph F., to Smith & Stone Ltd. Pin-type electrical connector. 3,217,286, 11–9–65, Cl. 339—99.
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Duffing, Paul, and Burmester. 3,211,851.
Duffing, Lutz: *See*—
Burmester, Henry, and Duffing. 3,211,852.
Duffing, Paul, and Burmester. 3,211,851.
Duffing, Monika: *See*—
Burmester, Henry, and Duffing. 3,211,852.
Duffing, Paul, and Burmester. 3,211,851.
Duffing, Paul: *See*—
Burmester, Henry, and Duffing. 3,211,852.
Duffing, Paul, deceased (by Hildegard, Monika, and Lutz Duffing, heirs), and H. Burmester, to Siemens-Schuckertwerke Aktiengesellschaft. Hydraulic circuit breaker with dual series piston actuation. 3,211,851, 10–12–65, Cl. 200—82.
Duffney, David N. Disposable threaded needle. 3,206,086, 9–14–65, Cl. 223—102.
Duffy, Arthur R.: *See*—
Smith, Ernest L., and Duffy. 3,196,622.
Duffy, Dan W.: *See*—
Potts, Herbert J. 3,181,184.
Duffy, Donald C.: *See*—
Goldzwig, David M., and Duffy. 3,205,977.
Duffy, Emmet J.: *See*—
Loughlin, Bernard D., and Duffy. 3,187,103.
Duffy, James V., and N. Vasileff, deceased (by G. C. Vasileff, executrix), to Atlantic Research Corp. Composition comprising a filled blend of a polyexpoxysilicone and a phenol aldehyde resin; and process of forming same. 3,215,648, 11–2–65, Cl. 260—2.5.
Duffy, Leo J., Jr., to Federal Pacific Electric Co. Plug-in bus duct. 3,209,301, 9–28–65, Cl. 339—22.
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Duffy, Roy, to Imperial Chemical Industries Ltd. Process for preparing a pyridine-metal interaction product. 3,189,610, 6–15–65, Cl. 260—270.
Duffy, William B., to United-Carr Inc. Sheet-metal nut formed with sealer escape ports. 3,164,055, 1–5–65, Cl. 85—32.
Duffy, William B., to United-Carr Inc. Threadless stud, and fastener affording fractional turn tightening. 3,212,391, 10–19–65, Cl. 85—36.
Duffy, William B., and R. A. Hartman, to United Carr Inc. Mounting means. 3,169,007, 2–9–65, Cl. 248—343.
Duffy, William B., and R. A. Hartman, to United-Carr Inc. Push-in assembly and fastener therefor. 3,214,878, 11–2–65, Cl. 52—717.
Du-Fold, Inc.: *See*—
Trentel, Paul A. 3,205,520.
Dufour, Robert J. P., to La Telemecanique Electrique. Multiple programme rotary switch actuator with cam limit apparatus. 3,218,402, 11–16–65, Cl. 200—17.
Dufresne, Conrad H. Endless full track tractor and control devices. 3,190.384, 6–22–65, Cl. 180—6.7.
Du Fresne, Eugene R.: *See*—
Sage, Marvin W., and Du Fresne. 3,219,440.
Du Fresne, Eugene R., to General Dynamics Corp. Method and apparatus for shaping crystals. 3,187,739, 6–8–65, Cl. 125—23.
Dufresne, Harold E.: *See*—
Cornelius, Richard T., and Dufresne. 3,199,531.
Dufresne, Jacques: *See*—
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Duga, Robert J., and H. A. Sinski, to Joseph Bancroft & Sons Co. Apparatus for crimping filaments. 3,200,466, 8–17–65, Cl. 28—1.
Dugan, Bernard B., to Colgate-Palmolive Co. Detergent compositions and preparation thereof. 3,177,147, 4–6–65, Cl. 252—99.
Dugard, Robert, and J. A. Sakaley, Jr. Apparatus for desoldering. 3,211,354, 10–12–65, Cl. 228—20.
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Dugas, Philip and D. A. 3,193,276.
Dugas, Eddy R. Automatic indexing device. 3,186,260, 6–1–65, Cl. 74—822.

Dugas, Philip and D. A., ½ to Atom Tool and Die Corp., and ½ to Crew's Die Casting Corp. Precision vise. 3,193,276, 7–6–65, Cl. 269—136.

Duggan, Aloysius M. Guide apparatus for drafing inking. 3,225,445, 12–28–65, Cl. 33—107.

Duggan, James E., to Watts Electric & Mfg. Co. Facial mask with oxygen/air mixing means. 3,170,463, 2–23–65, Cl. 128—205.

Duggan, James E., to Watts Electric & Mfg. Co. Lubricating assembly having a pressure venting seal. 3,187,590, 6–8–65, Cl. 74—18.

Duggan, Raymond J., and L. O. Winstrom, to Allied Chemical Corp. Process for conditioning reducible cyclic organic compounds. 3,187,050, 6–1–65, Cl. 260—582.

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Kastner, Edward C., and Dugger. 3,219,338.

Dugger, Ralph L. Door construction. 3,172,509, 3–9–65, Cl. 189—46.

Dugger, Ralph L. Door. 3,184,804, 5–25–65, Cl. 20—19.

Dugin, Leo J., to Webcor, Inc. Pneumatically actuated fastener apparatus. 3,169,452, 2–16–65, Cl. 91—398.

Dugle, Thomas, G. A. Lensky, and R. W. Wagner, to Continental Oil Co. Comminution machine for solid pliable material. 3,211,390, 10–12–65, Cl. 241—280.

Dugle, Thomas E., and R. W. Wagner, to Warrick Equipment Corp. Article feeding device for a packaging machine. 3,190,431, 6–22–65, Cl. 198—22.

Dugliss, Charles H., and C. G. Laube, to American Cyanamid Co. High molecular weight unsaturated polyester resins containing an interpolymer of an α,β-unsaturated decarboxylic acid anhydride and a monoolefin with a terminal methylene group. 3,207,816, 9–21–65, Cl. 260—866.

Du Grenier, Francis C., to The Seeburg Corp. Mechanical multiple coin counting and control mechanism for vending machines. 3,223,217, 12–14–65, Cl. 194—39.

Duhamel, Jean-Paul: *See*—
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Duhn, Jens W., to Automotive Rubber Co., Inc. Snap-on insulating grommets. 3,182,120, 5–4–65, Cl. 174—151.

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Fourcade, Robert, and Duhoo. 3,194,708.

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Duck, Edward W., and Duinker. 3,222,333.

Duinker, Simon: *See*—
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Peek, Johannes J. A., Rinia and Duinker. 3,187,284.
Rinia, Herre, Duinker, and Van Embden. 3,192,608.

Duinker, Simon, and J. Bos, to North American Philips Co., Inc. Method of manufacturing magnetic heads. 3,187,410, 6–8–65, Cl. 29—155.5.

Duinker, Simon, and J. Bos, to North American Philips Co., Inc. Method of manufacturing pole-piece units for magnetic heads. 3,187,411, 6–8–65, Cl. 29—155.5.

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Block, Arthur F., and Rychlik. 3,177,288.
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Duke, Gene S. Apparatus for manufacturing soft ice cream. 3,190,082, 6–22–65, Cl. 62—342.

Duke, H. C., & Son, Inc.: *See*—
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Duke, Howard K. Rotary mower attachment. 3,212,246, 10–19–65, Cl. 56—25.4.

Duke, James B., to Minerals & Chemicals Philipp Corp. Method for treating sugar liquor. 3,166,442, 1–19–65, Cl. 127—48.

Duke, James B., to Minerals & Chemicals Philipp Corp. Process for recovering cassiterite from ores. 3,167,502, 1–26–65, Cl. 209—12.

Duke, James B., to Minerals & Chemicals Philipp Corp. Process of recovering cassiterite from ores. 3,182,798, 5–11–65, Cl. 209—166.

Duke, Keith A., and P. Wood, to International Computers and Tabulators Ltd. Signal re-coding apparatus. 3,210,738, 10–5–65, Cl. 340—172.5.

Duke, Marian F.: *See*—
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Dukelow, Samuel G., to Bailey Meter Co. Control system for multiple-effect evaporators. 3,176,756, 4–6–65, Cl. 159—44.

Duker, Heinrich, to Trub, Tauber & Co. A.G. Electrostatic immersion objective comprising an improved intermediate electrode. 3,201,588, 8–17–65, Cl. 250—49.5.

Dukes, Perry L., to Bacon-Dukes, Inc. Hoist hook. 3,167,345, 1–26–65, Cl. 294—83.

Dulaney, Clarence L., and M. L. Owens, Jr., to Monsanto Co. Hydrocarbon conversion of paraffin hydrocarbons to produce olefins and recycling the olefin hydrocarbons containing less than 11 carbon atoms. 3,221,077, 11–30–65, Cl. 260—683.

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Dulaney, Richard O. Hydraulic pumping unit. 3,175,513, 3–30–65, Cl. 103—206.

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Dullberg, Eberhard, to Grumman Aircraft Engineering Corp. Cryogenic quenching method. 3,185,600, 5–25–65, Cl. 148—125.

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Dumaire, Marc-Jean, and J-P. Vasseur, to C.S.F.-Compagnie generale de Telegraphie Sans Fil. Local oscillator controlling systems using quantizing means. 3,223,943, 12–14–65, Cl. 331—17.

Dumas, Charles A.: *See*—
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Dumas, Francois: *See*—
Pignolet, Louis, and Dumas. 3,186,162.
Gauthier, Robert, and Dumas. 3,186,170.

Dumas, Francois, and G. Bitton, to Societe Industrielle Generale de Mecanique Appliquee, S.I.G.M.A. Power plant for land vehicles. 3,217,821, 11–16–65, Cl. 180—6.48.

Dumas, Philippe, and V. Marcoux. Fish skinning tool. 3,163,885, 1–5–65, Cl. 17—7.

Dumbaugh, George D., to Carrier Mfg. Co. Apparatus for conveying a column of material downward at a uniform rate. 3,178,068, 4–13–65, Cl. 222—161.

Dumbovich, Boris: *See*—
Vargha, Laszlo, Toldy, Toth, Dumbovich, and Borsi. 3,165,523.

Dumbovich, Boris: *See*—
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Dumdei, Alfred F., to M. D. Brown Co. Reflector and lens assembly. 3,197,630, 7–27–65, Cl. 240—41.55.

Dumey, Arnold I., to Sperry Rand Corp. Information reversing method and apparatus. 3,226,693, 12–28–65, Cl. 340—172.5.

Dumke, William P., and R. R. Haering, to International Business Machines Corp. Ultrasonic amplifier. 3,196,384, 7–20–65, Cl. 340—15.

Dumm, Robert P., to Pacific Valves, Inc. Removable nipple mounting for a ball valve. 3,165,292, 1–12–65, Cl. 251—148.

Dumm, Robert P., to Pacific Valves, Inc. Nipple attachment to a valve body. 3,202,175, 8–24–65, Cl. 137—454.2.

Dumm, Robert P., to Pacific Valves, Inc. Retractable spacer ring for valve seats. 3,219,055, 11–23–65, Cl. 137—315.

Dumont, Arthur F.: *See*—
Stone, Ernest F., and Dumont. 3,170,480.

Dumont-Fillon, Jacques, to Francaise Saint Germain-en-Laye, Institut de Recherches de la Siderugie. Method of controlling the exhaust of gases from a metal refining bath. 3,218,158, 11–16–65, Cl. 75—60.

Dumont, Francis A. Adjustable haircutting guide. 3,180,341, 4–27–65, Cl. 132—45.

Dumont, Francis A. Brush attachment for hair clipper. 3,183,591, 5–18–65, Cl. 30—123.

Dumont, Francis A. Haircutting guide. 3,202,158, 8–24–65, Cl. 132—45.

Dumont, Lincoln B. Supercharged internal combustion engine arrangement. 3,163,984, 1–5–65, Cl. 60—13.

Dumpis, Janis, to Champ-Items, Inc. Pre-lubricated sealed bearings. 3,177,020, 4–6–65, Cl. 287—87.

Dunaway, James H., to Esso Production Research Co. Internal combustion type seismic wave generator. 3,198,282, 8–3–65, Cl. 181—.5.

Dunaway, Robert E., to Swift & Co. Electrical stunning of small stock. 3,163,884, 1–5–65, Cl. 17—1.

Dunaway, Robert E., to Swift & Co. Clamp for skins and pelts. 3,203,040, 8–31–65, Cl. 17—21.

Dunbar, Joseph E., to The Dow Chemical Co. S-(10-phenoxarsinyl) thiopseudourea salts. 3,166,579, 1–19–65, Cl. 260—440.

Dunbar, Joseph E., to The Dow Chemical Co. β,β-bis(substituted sulfonylthio)diethyl piperazine. 3,185,693, 5–25–65, Cl. 260—268.

Dunbar, Joseph E., to The Dow Chemical Co. N-[2-(sulfonylthio)ethyl]phthalinide derivatives. 3,214,441, 10–26–65, Cl. 260—326.

Dunbar, Joseph E., to The Dow Chemical Co. Carbamate thiosulfonates. 3,226,427, 12–28–65, Cl. 260—471.

Duncan, Alfred D., to M. B. Brenner. Container closure. 3,212,665, 10–19–65, Cl. 220—38.5.

Duncan, Angelo N., to Geo. D. Roper Corp. Hand truck for handling appliance cartons and the like. 3,214,043, 10–26–65, Cl. 214—374.

Duncan, Angus W., to The Mining Engineer Co. Ltd. Tensioning means for belt conveyors. 3,217,863, 11–16–65, Cl. 198—208.

Duncan, Charles S., and H. L. Taylor, to Westinghouse Electric Corp. Method for encapsulating semiconductors. 3,170,813, 2–23–65, Cl. 117—215.

Duncan, Charles S., and H. L. Taylor, to Westinghouse Electric Corp. Thermoelectric members. 3,208,835, 9–28–65, Cl. 29—195.

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Robak, Edward, and Kleeberger. 3,220,292.

Duncan, Edward C., to The Electric Storage Battery Co. Secondary battery separator and electrode assembly. 3,216,859, 11–9–65, Cl. 136—6.

Duncan, Edward T., to Product Research Associates Inc. Plug-type switching connector. 3,225,155, 12–21–65, Cl. 200—51.09.

Duncan, Edward T., to Product Research Associates, Inc. Electronic lamps. 3,225,186, 12–21–65, Cl. 240—10.64.

Duncan, Edward T., and G. L. Krize, to H. L. Steinhardt. Low ripple rectifier. 3,217,231, 11–9–65, Cl. 321—5.
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Duncan, Horace G. Auxiliary table. 3,198,145, 8–3–65, Cl. 108—59.
Duncan, James E., and S. L. Seymour, to Pittsburgh Plate Glass Co. Opthalmic glass. 3,178,274, 4–13–65, Cl. 65—39.
Duncan, James K., to E. W. O. Shaughnessy, E. K. Zelzeuite, and J. K. Duncan, d.b.a. Duncan Research. Spinning arrangement for spinning fibers from molten plastic or the like. 3,174,182, 3–23–65, Cl. 18—2.5.
Duncan, Leon L., and D. L. Temple, to Zero Mfg. Co. Surface treating apparatus and method. 3,186,132, 6–1–65, Cl. 51—11.
Duncan, Loney R., Jr., M. T. Ludvigson, and T. R. Cuthbert, Jr., to Collins Radio Co. Multicoupler system utilizing tunable trap. 3,217,275, 11–9–65, Cl. 333—76.
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Duncan, Richard D., to United States of America, Atomic Energy Commission. Apparatus for checking the alignment of vertical channels. 3,165,835, 1–19–65, Cl. 33—46.
Duncan, Robert C., and N. L. Baker, to The Proctor & Gamble Co. Disposable diaper. 3,180,335, 4–27–65, Cl. 128—287.
Duncan, Robert H., and T. P. Miller, to International Telephone and Telegraph Corp. Cordless switchboard. 3,176,081, 3–30–65, Cl. 179—27.
Duncan, Robert H., and T. P. Miller, to International Telephone and Telegraph Corp. Endless relay chain. 3,207,852, 9–21–65, Cl. 179—18.
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McCarty, Lourdes V., Biermann, Duncan, and Teichert. 3,221,767.
Duncan, Roy C. Bolt action pistol. 3,188,763, 6–15–65, Cl. 42—16.
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Duncan, William C. W., to United States of America, Army. Capacitor mount. 3,181,044, 4–27–65, Cl. 317—242.
Duncan, William L., and C. E. Rothermel, Jr., to E. I. du Pont de Nemours and Co. Beaming apparatus. 3,174,207, 3–23–65, Cl. 28—32.
Duncan, William L., to E. I. du Pont de Nemours and Co. Apparatus for continuously measuring denier and denier variability of a substantially constant elastic modulus elastomeric yarn. 3,183,711, 5–18–65, Cl. 73—160.
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Duncanson, Frederick C.: *See*—
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Dundee, Ben, and B. O. Strom. Method of manufacturing phenols. 3,172,917, 3–9–65, Cl. 260—621.
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Keller, Edwin G., and Ober. 3,190,705.
Dunham, Glen M., and G. L. Moore, to National Lead Co. Multi-station gas detecting apparatus. 3,209,343, 9–28–65, Cl. 340—237.
Dunham, Harrison. Positioning device. 3,164,051, 1–5–65, Cl. 83—441.
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Dunham, Philip N., to Hampshire Mfg. Corp. Seamed article and method for making same. 3,185,612, 5–25–65, Cl. 161—95.
Dunham, Ronald B. Fishing floats. 3,204,363, 9–7–65, Cl. 43—43.14.
Dunham, Russell H., to The Dunham Tool Co., Inc. Contracting collet. 3,179,429, 4–20–65, Cl. 279—50.
Dunham, Thomas W. Attachment for lawn mower. 3,205,643, 9–14–65, Cl. 56—26.
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Dunham, William H., to John J. McMullen Associates, Inc Aerodynamically designed amphibious vehicle. 3,193,215, 7–6–65, Cl. 244—12.
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Dunigan, Francis P., to Machinery Electrification, Inc. Photoelectric relay. 3,176,196, 3–30–65, Cl. 317—125.
Dunigan, Francis P., to Machinery Electrification, Inc. Photosensitive fluorescent lamp starter. 3,209,202, 9–28–65, Cl. 315—99.
Dunkak, Elmer B., to United Aircraft Corp. Air supply for a blast furnace. 3,216,712, 11–9–65, Cl. 266—13.
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Dunlap, Henry F., and L. R. Kern, to The Atlantic Refining Co. Rotary bar-type mower blade having a safety deflector. 3,183,655, 5–18–65, Cl. 56—295.
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Dunlap, Henry L., deceased (by M. E. Dunlap, administratrix), to Evans Products Co. End fitting for freight retaining crossbar. 3,218,992, 11–23–65, Cl. 105—369.
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Dunlap, William C., Jr., to The Bendix Corp. Semiconductor switch utilizing low temperature and low impurity content. 3,176,146, 3–30–65, Cl. 307—88.5.
Dunlap, William C., Jr., to The Bendix Corp. Energy converter. 3,186,873, 6–1–65, Cl. 136—89.
Dunlap, William N., Jr., E. W. Jones, and J. V. Wright, to Sperry Rand Corp. Disposition of nickel-cobalt alloy on aluminum substrates. 3,202,529, 8–24–65, Cl. 117—50.
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Dunmire, Russell P., deceased (by H. Dunmire, executrix), and H. C. Eby; said Eby assor. to said H. Dunmire. Method of making sharp-edged metal articles. 3,173,200, 3–16–65, Cl. 29—414.

Dunn, Albert J., and R. G. Brown, to Short Bros. & Harland Ltd. Missiles and other aerial bodies. 3,224,369, 12–21–65, Cl. 102—34.1.

Dunn, Allen R., to Newport News Shipbuilding and Dry Dock Co. Cable holder and method of manufacture and installation thereof. 3,173,639, 3–16–65, Cl. 248—65.

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Dunn, Edward D., Jr. Stair climbing conveyance. 3,166,138, 1–19–65, Cl. 180—9.24.

Dunn, Edward J., Jr., and D. M. Kelman, to Westinghouse Electric Corp. Purification of alloys. 3,212,881, 10–19–65, Cl. 75—57.

Dunn, Edwin R., to The Dow Chemical Co. Synthetic rubber latex foam containing a coreactive material and process of making same. 3,215,647, 11–2–65, Cl. 260—2.5.

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Dunn, Gilbert M. Bird feeder. 3,191,580, 6–29–65, Cl. 119—51.

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Dunn, James T. E., and R. J. Sloat. Method and mechanism for lubricating the bearings of a pump rotor and motor combination for pumping an abradant-containing liquid. 3,186,513, 6–1–65, Cl. 184—1.

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Dunn, John P., to Martin-Marietta Corp. Orbital vehicle docking system. 3,201,065, 8–17–65, Cl. 244—1.

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Dunn, Michael R. D., to Ford Motor Co. Torsion bar vehicle suspension. 3,195,670, 7–20–65, Cl. 180—73.

Dunn, Michael R. D., to Ford Motor Co. Motor vehicle exhaust pipe support. 3,204,901, 9–7–65, Cl. 248—74.

Dunn, Paul H., and B. J. Mechalas, to Nutrilite Products, Inc. Insect killing device. 3,173,223, 3–16–65, Cl. 43—131.

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Dunn, William M., to Federal-Mogul-Bower Bearings, Inc. Double row ball bearing assembly. 3,167,364, 1–26–65, Cl. 308—189.

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Dunning, Herbert N., J. M. White, and H. Wittcoff. Polymeric liquid anion exchange process. 3,215,625, 11–2–65, Cl. 210—37.

Dunning, Thomas B. Tooth paste dispensing cabinet. 3,198,389, 8–3–65, Cl. 222—93.

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Dunphy, William P. Hydraulic remote control apparatus. 3,209,541, 10–5–65, Cl. 60—54.5.

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Dupre, Eugene J.: *See*—
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Dupre, Henry P., H. Graichen, R. G. Knowles, R. J. Noschese, and E. Oshva, to Burndy Corp. Tape cable connector. 3,214,723, 10–26–65, Cl. 339—99.

Dupree, James N. Captive screw and washer assembly. 3,218,906, 11–23–65, Cl. 85—50.

Du Preez, Pieter J. J. Inward flow turbine. 3,173,656, 3–16–65, Cl. 253—52.

Duprey, Richard H.: *See*—
Benoit, Roland A., Gingras, and Duprey. 3,182,808.

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Kelley, William A., and Dupuis. 3,208,901.

Dupuis, Clyde F., to Continental Can Co., Inc. Liquid absorbing and concealing device. 3,209,978, 10–5–65, Cl. 229—14.

Dupuis, Edouard A., E.-L. and J. Illuminating and groundlighting system. 3,183,345, 5–11–65, Cl. 240—9.

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Du Puy, De Graff. Wheelbarrow and hand grips therefor. 3,173,705, 3–16–65, Cl. 280—47.31.

Dupuy, Gerard, to Commissariat a l'Energie Atomique. Support structure for vertical stack of solid moderator. 3,206,373, 9–14–65, Cl. 176—84.

Dupuy, Harold P.: *See*—
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Dupuy, Ronald E., to Honeywell Inc. Time keeping apparatus. 3,188,792, 6–15–65, Cl. 58—35.

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Duquesne, Victor. Device for axially fixing a column upon disc wheels. 3,169,569, 2–16–65, Cl. 157—1.1.

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McElfresh, William G., and Ross. 3,203,103.
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Dura-Lee Corp.: *See*—
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Duran, Jacqueline. Telescopic plant stake. 3,165,863, 1–19–65, Cl. 47—47.

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Durand, Daniel C., and P. R. Nugent, to Honeywell Inc. Zone indicating and identification storing apparatus for recording tape. 3,192,509, 6–29–65, Cl. 340—172.5.

Durand, Francois. Device for transmitting motion to a gear. 3,167,975, 2–2–65, Cl. 74—665.
Durand, Francois. Tangent keying devices. 3,175,852, 3–30–65, Cl. 287—52.05.
Durand, Francois. Device for driving large-sized gear rings. 3,176,533, 4–6–65, Cl. 74—421.
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Durand, Lionel G., to Compagnie des Machines Bull (Societe Anonyme). Accounting machine with magnetic core storage matrix. 3,206,114, 9–14–65, Cl. 235—61.
Durand, Paul: *See*—
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Durgin, Douglas C., to Monroe International Corp. Detent mechanism. 3,167,972, 2–2–65, Cl. 74—527.
Durgin, Francis R., to International Business Machines Corp. Transformer matrix system. 3,172,087, 3–2–65, Cl. 340—174.
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Durham, Donald F., and G. D. Minor, to Caterpillar Tractor Co. Continuous ring shaft seals. 3,211,462, 10–12–65, Cl. 277—94
Durham, Edwin, and H. G. Stallkamp, to The Babcock & Wilcox Co. Forced flow water cooled hood. 3,168,073, 2–2–65, Cl. 122—7.
Durham, Edwin, deceased (by B. M. Durham, executrix), and H. E. Weaver; said Durham assor. to The Babcock & Wilcox Co.; said Weaver assor. to Bailey Meter Co. Control system for steam generators. 3,205,870, 9–14–65, Cl. 122—479.
Durham, Edwin, to The Babcock & Wilcox Co. Apparatus for generating vapor from low heat content gas. 3,207,135, 9–21–65, Cl. 122—510.
Durham, Edwin, to The Babcock & Wilcox Co. Fluid cooled hood. 3,217,695, 11–16–65, Cl. 122—7.
Durham, Hobart N., Jr. Soldering fluxes. 3,174,220, 3–23–65, Cl. 29—495.
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Durham, Hobart N., Jr., to Connecticut Valley Chemical, Inc. Soldering flux. 3,223,561, 12–14–65, Cl. 148—23.
Durham, Raymond F., and J. R. Schreiner, to Carrier Corp. Apparatus for purifying and controlling the relative humidity of air. 3,199,846, 8–10–65, Cl. 261—3.
Durham, Rollie P., to General Motors Corp. Chromium plating. 3,188,186, 6–8–65, Cl. 29—183.5.
Durham, William J., to Charles Schwartz & Co. Removable anchor attachment device for sheet covers. 3,225,408, 12–28–65, Cl. 24—265.
Durio, John R., Jr., to Collins Radio Co. Ring-counter utilizing capacitance-diode network in coupling and in feedback circuits for wide frequency range operation. 3,181,011, 4–27–65, Cl. 307—88.5.
Durio, John R., Jr., to Collins Radio Co. Means for producing clock pulses whose widths vary as their repetition rate. 3,204,124, 8–31–65, Cl. 307—88.5.
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Freed, Jacob B. 3,206,163.
Freed, Jacob B., and Brinkel, Jr. 3,211,475.
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Luce, Walter A., and Jackson. 3,177,074.
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Reiling, Victor G. 3,181,990.
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Durling, Bengt, to Halldemaskiner, AB. Vegetable slicing machine. 3,200,866, 8–17–65, Cl. 146—124.
Durlofsky, Meyer T., to Radio Corp. of America. Apparatus for providing fluid bearings. 3,177,493, 4–6–65, Cl. 346—74.
Durlofsky, Meyer T., to Radio Corp. of America. Projection apparatus. 3,181,418, 5–4–65, Cl. 88—24.
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Anderson, Vern A., and Durney. 3,214,986.
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Du Rose, Arthur H., and R. L. Stern, to The Harshaw Chemical Co. Metal having two coats of sulfur containing nickel and method of making same. 3,183,067, 5–11–65, Cl. 29—194.
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Durouchoux, Olivier. Energy storing device of the flywheel type in particular for motor vehicles. 3,208,303, 9–28–65, Cl. 74—572.
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Durr, Albert M., Jr., to Continental Oil Co. Lubricating composition containing metal salts of hindered phosphorodithioates. 3,210,275, 10–5–65, Cl. 252—32.7.
Durr, Albert M., Jr., H. H. Eby, and M. S. Newman, to Continental Oil Co. Di-neoalkyl $\beta,\beta,\beta',\beta'$-tetraloweralkyl-substituted alkylene dicarboxylates. 3,210,404, 10–5–65, Cl. 260—485.
Durr, Helmut E., to Western Electric Co., Inc. Locking device for core truck clamping screws. 3,198,448, 8–3–65, Cl. 242—54.
Durr, Helmut E., to Western Electric Co., Inc. Controls for feeding elongated articles. 3,204,751, 9–7–65, Cl. 198—33.
Durr, Ronald L., to Everest & Jennings, Inc. Retrograde brake for stretcher elevating mechanism. 3,217,340, 11–16–65, Cl. 5—63.
Durr, Walter. Method of producing a photoconductive layer. 3,222,215, 12–7–65, Cl. 117—201.
Durrant, Marion L., to Dyna-Co., Inc. Washing apparatus for alternatively supplying cleaning solution and rinse fluid. 3,207,165, 9–21–65, Cl. 134—58.
Durrell, Louis F. Cow boy tournament game. 3,222,066, 12–7–65, Cl. 273—1.
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Durst, Henry J., and J. J. Theiss, to Diatemp, Inc. Thermostat control with sequentially operated switches. 3,226,512, 12–28–65, Cl. 200—140.
Durst, Julius, to Durst A.G. Fabrik Fototechnischer Apparate. Photographic enlarger. 3,165,026, 1–12–65, Cl. 88—24.
Durst, Julius, to Durst A.G. Fabrik Fototechnischen Apparate. Objective lens with mounting arrangement for phototransducer. 3,180,218, 4–27–65, Cl. 88—57.
Durst, Julius, to J. Durst, L. and H. Oberrauch. Positioning arrangement for an objective lens. 3,185,059, 5–25–65, Cl. 95—44.
Durst, Julius, to Durst A.G. Fabrik Fototechnischer Apparate. Automatic focusing arrangement for enlarging apparatus. 3,213,748, 10–26–65, Cl. 88—24.
Durstewitz, Gerald. Candy game. 3,191,184, 6–22–65, Cl. 273—134.
Durston, Harry D., and A Perry, to J. A. Terteling & Sons, Inc. Apparatus for making permeable conduits in subterranean lines of drainage. 3,182,460, 5–11–65, Cl. 61—63.
Durston, Harry D., and A. Perry, to J. A. Terteling, Sons, Inc. Apparatus and method for setting hydrostatic pressure relief valves through wearing linings. 3,183,984, 5–18–65, Cl. 175—57.
Durston, Harry D., and A. Perry, to J. A. Terteling & Sons, Inc. Method for making permeable conduits in subterranean lines of drainage. 3,191,387, 6–29–65, Cl. 61—11.

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Dury, Karl, and F. Reicheneder, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. 3-aryl-4-halopyridazones-(6) and synthesis thereof. 3,193,552, 7–6–65, Cl. 260—250.
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Duschinsky, Robert, to Hoffman-La Roche Inc. 2-chloro-4-amino-5-fluoro-pyrimidine. 3,185,690, 5–25–65, Cl. 260—256.4.
Duschinsky, Robert, to Hoffmann-La Roche Inc. 5,6-substituted dihydro-5-fluoro-pyrimidine nucleosides. 3,221,010, 11–30–65, Cl. 260—211.5.
Dusenberry, Charles L., and H. A. Williamson, to General Motors Corp. Ignition distributor. 3,198,974, 8–3–65, Cl. 310—70.
Du Shane, Ray N., Jr., to Northrop Architectural Systems. Latch mechanism. 3,222,897, 12–14–65, Cl. 70—97.
Dusik, Josef, I. Martis, V. Oboril, M. Mejzlik, and J. Javorek, to Sdruzeni podniku textilniho shojirenstvi. Device for pneumatic holding of inactive yarns in a circular knitting machine. 3,224,230, 12–21–65, Cl. 66—145.
Dusina, Peter P., Jr., and R. M. Stallard, to General Motors Corp. Method of making color inlays. 3,219,506, 11–23–65, Cl. 156—220.
Dusinberre, Robert, R. E. Kraft, and F. A. Greenawalt; said Kraft and said Greenawalt assors. to said Dusinberre. Impulse-operated odometer mechanism. 3,226,021, 12–28–65, Cl. 235—96.
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Dusing, Leon F. and C. F., and Gerhardt. 3,189,141.
Dusing and Hunt, Inc.: *See*—
Dusing, Leon F. and C. F., and Gerhardt. 3,189,141.
Dusing, Leon F., and C. F., and C. F. Gerhardt, to Dusing and Hunt, Inc. Fire door construction. 3,189,141, 6–15–65, Cl. 189—46.
Dusseau, Lambert, to Package & Display Corp. Display device. 3,225,474, 12–28–65, Cl. 40—124.1.
Dussossoy, Pierre, to Ciments du Nord. Heat exchange structure for a rotary kiln. 3,201,100, 8–17–65, Cl. 263—33.
Dussy, Paul, and W. Bossard, to J. R. Geigy A.G. Metallized monoazo reactive dyestuffs. 3,207,745, 9–21–65, Cl. 260—146.
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Dustin, Donald R., to International Business Machines Corp. First bit generator for binary tape systems. 3,222,603, 12–7–65, Cl. 328—59.
Dustrude, Robert B. Folding frame handsaw. 3,191,648, 6–29–65, Cl. 145—32.
Dusza, John P., J. P. Joseph, and S. Bernstein, to American Cyanamid Co. 20-alkoxy-Δ^{20}-21-carboxaldehydes of the pregnane series and method of preparing the same. 3,201,425, 8–17–65, Cl. 260—397.1.
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Evenblij, Johan C. J. 3,186,627.
Dutcher, Ival G., and W. C. Barnard, to Whirlpool Corp. Dishwasher mounting apparatus. 3,190,709, 6–22–65, Cl. 312—228.
Duthion, Louis, and J. H. Bertin, to Societe Bertin & Cie. Removable silencer device for jet engines. 3,174,581, 3–23–65, Cl. 181—51.
Duthion, Louis, and M. S. D. Hafenscher, to Societe Bertin & Cie. In flight jet silencer. 3,174,582, 3–23–65, Cl. 181—51.
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Dutro, Orville V., and S. H. Hewson. Ink fountain and ductor roll drive. 3,170,397, 2–23–65, Cl. 101—350.
Dutro, Orville V., and S. H. Hewson. Rollstand drive. 3,202,376, 8–24–65, Cl. 242—75.1.
Dutton, Edward E.: *See*—
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Luthi, Alois G., and Dutton. 3,213,901.
Dutton, Harold R., to General Motors Corp. Method for shock absorber manufacture. 3,176,388, 4–6–65, Cl. 29—450.
Dutton, John C., to General Electric Co. Vaporization cooling of electrical apparatus. 3,174,540, 3–23–65, Cl. 165—105.
Dutton, Leonard J.: *See*—
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Dutton, Richard H., J. C. Clements, R. J. Beairsto, and R. D. Stoddard, to Raytheon Co. Composite display system. 3,182,308, 5–4–65, Cl. 343—5.
Dutton, Robert E.: *See*—
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Duus, Steffen, and R. Hansen. Instructional reading device or the like. 3,206,873, 9–21–65, Cl. 35—35.
Duva, Robert, and D. G. Foulke, to Sel-Rex Corp. Gold plating. Re. 25,883, 10–19–65, Cl. 204—43.
Duval, Bruce: *See*—
Waddington, Rogor S., and Duval. 3,207,388.
Waddington, Rogor S., and Duval. 3,223,296.
Duval Corp.: *See*—
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Duval, Edward P., to Duval Corp. Electrical element packages. 3,176,838, 4–6–65, Cl. 206—65.
Duval, Eugene: *See*—
Huber, Harry, Duval, and Grayleau. 3,207,423.
Duval, Montague R., to Texas Instruments Inc. Protective encapsulation for electrical devices. 3,213,246, 10–19–65, Cl. 200—113.
Duvall, Clarence E. Press brake control. 3,191,412. 6–29–65, Cl. 72—26.
Duvall, Jacque L., to Wyandotte Chemicals Corp. Stabilization of alkaline potassium permanganate solutions. 3,210,284, 10–5–65, Cl. 252—80.
Duvall, Jacque L., to Wyandotte Chemicals Corp. Process for removal of carbonaceous deposits. 3,216,857, 11–9–65, Cl. 134—3.
DuVall, Wilbur E., to The W. W. Henry Co. Automatic frequency control. 3,195,068, 7–13–65, Cl. 331—27.
Du Vivier, Charles L., to Laboratory for Electronics, Inc. Timing circuit. 3,209,211, 9–28–65, Cl. 317—142.
Du Vivier, Charles L., to Laboratory For Electronics, Inc. Traffic control and selector apparatus. 3,221,299, 11–30–65, Cl. 340—35.
Dux, Henry. Vehicle ignition switch and lock therefor. 3,214,531, 10–26–65, Cl. 200—43.
Duxbury, William H. Attachment to lathe chucks. 3,199,881, 8–10–65, Cl. 279—123.
Dvirka, Miroslav, to Morse Bougler Inc. Automatic stoking grates. 3,221,679, 12–7–65, Cl. 110—36.
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Dvoracek, Frank. Plastic molding apparatus and method. 3,183,292, 5–11–65, Cl. 264—335.
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Dvorak, Joseph J.: *See*—
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Dvorak, Joseph J., D. Grafstein, and M. M. Fein, to Thiokol Chemical Corp. Boron compounds and method for making the same. 3,183,272, 5–11–65, Cl. 260—606.5.
Dvorin, Martin, to General Electric Co. Record changer control assembly. 3,181,872, 5–4–65, Cl. 274—15.
Dvorin, Martin, to Bausch & Lomb Inc. Rotor assembly. 3,222,001, 12–7–65, Cl. 242—18.
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Roberts, William A., and Watkins. 3,187,781.
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Hormats, Saul, Sovinsky, and Dwaayer. 3,196,871.
Dwork, Harold K. Ball construction. 3,222,065, 12–7–65, Cl. 272—67.
Dworski, Michael. Fishing apparatus. 3,200,530, 8–17–65, Cl. 43—16.
Dwyer, Edd C., and J. G. Waugaman, to Westinghouse Air Brake Co. Information handling systems. 3,182,189, 5–4–65, Cl. 246—182.
Dwyer, James E. Anchoring socket for screw type fasteners. 3,213,745, 10–26–65, Cl. 85—80.
Dwyer, James E. Anchoring socket for screw type fasteners. 3,213,746, 10–26–65, Cl. 85—80.
Dwyer, James L., R. J. Haberlin, and G. A. Lothrop, to W. R. Grace & Co. Printing of container closure gaskets. 3,198,109, 8–3–65, Cl. 101—129.
Dwyer, Maurice J. Deodorizer fan for roller towel cabinet. 3,192,008. 6–29–65, Cl. 21—77.
Dwyer, Philip M., and G. A. Jedenoff, to Far-Best Corp. Coolant and lubricant composition and method for cold working metal. 3,223,635, 12–14–65, Cl. 252—51.5.
Dwyer, Raymond J. Machine for enveloping and sealing articles. 3,197,939, 8–3–65, Cl. 53—180.
Dwyer, Walter J. Method of making odd shaped printed circuits. 3,201,238, 8–17–65, Cl. 96—36.
Dyar, Robert L. Vegetable cleaners. 3,189,927, 6–22–65, Cl. 15—3.16.
Dyben, Jerry F., to Communications Research, Inc. Door control mechanism. 3,181,856, 5–4–65, Cl. 268—65.
Dyben, Jerry F., to Microtronics, Inc. Temperature stable transistor device. 3,199,001, 8–3–65, Cl. 317—234.
Dybvig, Henry G., to R. D. Mayne. Turbine type blower wheel. 3,179,329, 4–20–65, Cl. 230—134.
Dybvig, Henry G., to R. D. Mayne. Method for manufacture of turbine type blower wheels. 3,224,079, 12–21–65, Cl. 29—156.8.
Dyck, Gerhard J. Sprinkler head for water sprinkling systems. 3,207,446, 9–21–65, Cl. 239—515.
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Dye, Dean C.: *See*—
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Dye, Garnett J. Firearm with metal bearing member and plastic material between receiver and stock. 3,206,885, 9–21–65, Cl. 42—75.
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Dzus, William, deceased; T. Dzus, F. X. Clarke, and D. H. Kane, executors. Implement for operating fastening devices. 3,191,649, 6–29–65, Cl. 145—50.
Dzus, William, deceased; T. Dzus, F. X. Clarke, and D. H. Kane, executors. Fastener receptacle for threaded fastener studs. 3,191,653, 6–29–65, Cl. 151—21.
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Husby, Donald E., Eberhart, and Izzi. Re. 25,900.

Eberhart, Laurence L.: *See*—
Sweeney, Patrick M., and Eberhart. 3,201,109.
Sweeney, Patrick M., and Eberhart. 3,203,654.

Eberhart, Ray. Safety belt buckle. 3,181,215, 5–4–65, Cl. 24—75.

Eberl, Franz, to Compur-Werk Gesellschaft mit beschrankter Haftung & Co. Delayed action mechanism for a camera shutter. 3,209,665, 10–5–65, Cl. 95—53.3.

Eberl, James J., and S. Coppick, to Scott Paper Co. Process for preparing fragments of a foamed urea-formaldehyde resin. 3,164,559, 1–5–65, Cl. 260—2.5.

Eberl, James J., and S. Coppick, to Scott Paper Co. Process of forming paper containing foamed aminoplast resins. 3,210,239, 10–5–65, Cl. 162—166.

Eberl, James J., R. P. Triolo, and C. G. Fitzgerald, to Scott Paper Co. Color stabilized polyurethane foams and production thereof. 3,210,146, 10–5–65, Cl. 8—4.

Eberle, Byron T., to W. C. Brunker, Jr. Apparatus for measuring the binding capacity of serum proteins. 3,206,-602, 9–14–65, Cl. 250—71.5.

Eberle, Eugene C., ½ to J. B. Stevens. Waterproof sealing means. 3,226,162, 12–28–65, Cl. 301—108.

Eberle & Kohler Kommanditgesellschaft: *See*—
Huttner, Hans. 3,212,079.

Eberle, Walter: *See*—
Ruoff, Karl, and Eberle. 3,212,611.

Eberle, William J., to Vitalic Battery Co., Inc. Battery aqualizing apparatus. 3,167,196, 1–26–65, Cl. 214—308.

Eberle, William J., 50% to Vitalice Battery Co., Inc. Apparatus for vertically adjusting headlights. 3,207,891, 9–21–65, Cl. 240—7.1.

Eberle, William R., to Jeffrey Galion Mfg. Co. Mining machine and control means therefor. 3,198,580, 8–3–65, Cl. 299—1.

Eberlein, Roberta R. Spray nozzle for pressurized containers. 3,186,645, 6–1–65, Cl. 239—567.

Eberline, Howard C., to Eberline Instrument Corp. Single channel remote radiation monitor with means to prevent drift in the photomultiplier tube. 3,174,040, 3–16–65, Cl. 250—71.5.

Eberline, Howard C., to Eberline Instrument Corp. Image contour plotter. 3,214,515, 10–26–65, Cl. 178—6.8.

Eberline Instrument Corp.: *See*—
Eberline, Howard C. 3,174,040.
Eberline, Howard C. 3,214,515.
Ludlum, Donald G. 3,204,099.

Eberly, Paul E., Jr.: *See*—
Mason, Ralph B., and Eberly. 3,222,412.

Eberman, Augustus H.: *See*—
Sloan, Edward C., Eberman, and Jensen. 3,189,505.
Sloan, Edward C., Eberman, and Jensen. 3,195,288.

Ebersold, Hugo, to Vereinigte Armaturen-Gesellschaft m.b.H. Hydraulic actuating means for valves. 3,205,784, 9–14–65, Cl. 91—58.

Eberspacher, J.: *See*—
Reusch, Gotthilf. 3,173,170.
Kofink, Siegfried. 3,181,522.
Martin, Herbert. 3,189,122.

Eberspacher, J., Esslingen/Neckar: *See*—
Hettich, Alfred, Kofink, and Martin. 3,226,206.

Eberspacher, J., Firma: *See*—
Hettich, Alfred. 3,174,277.

Eberstadt Y. Sichel. Addressing device. 3,208,771, 9–28–65, Cl. 282—22.

Ebert Electronics Corp.: *See*—
Mitchell, Irving L. 3,166,654.
Mitchell, Irving L. 3,198,911.
Pressman, Sidney S. 3,177,410.

Ebert, Hans, and K. Frank, to Kanpsack-Giesheim Aktiengesellschaft. Process for the manufacture of iron-silicon magnesium prealloys. 3,177,071, 4–6–65, Cl. 75—129.

Ebert, Hans, K. Giesswein, E. Harmsen, and H. Vomberg, to Knapsack-Griesheim Aktiengesellschaft. Process for producing dry magnesium chloride from solutions containing it. 3,196,930, 7–27–65, Cl. 159—48.

Ebert, Heinrich. Infinitely variable transmission. 3,190,075, 6–22–65, Cl. 60—53.

Ebert, Ulrich: *See*—
Moosmayer, Alex, and Ebert. 3,167,249.

Eberwine, Donald A., to Martin-Marietta Corp. Space vehicle docking couplers. 3,193,213, 7–6–65, Cl. 244—1.

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Ebetino, Frank F., and G. Gever, to The Norwich Pharmacal Co. 1-Acyl-1-[2-(azacyclyl)ethyl]-2-(5-nitrofurfurylidene) hydrazines. 3,206,461, 9–14–65, Cl. 260—240.

Eble, Thomas E.: *See*—
Argoudelis, Alexander D., De Boer, Eble, and Herr. 3,183,154.
De Boer, Clarence, Dietz, Johnson, Eble, and Hoeksema. 3,207,750.

Ebner, Herman G., to Standard Oil Co. Ammonium carboxylate four point depressants for fuel oil composition. 3,166,387 1–19–65, Cl. 44—62.

Ebner, Karl, to Metallgesellschaft Aktiengesellschaft. Apparatus for producing crystals from solutions. 3,218,133, 11–16–65, Cl. 23—273.

Ebner, Ludwig: *See*—
Duerr, Dieter, Aebi, and Ebner. 3,203,855.
Martin, Henry, Aebi, and Ebner. 3,165,549.
Martin, Henry, Aebi, and Ebner. 3,223,721.

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Eby, Charles J., and E. J. Prill, to Monsanto Co. Maleimides, maleamides and fumaramides. 3,184,475, 5–18–65, Cl. 260—326.5.

Eby, Charles J., and E. J. Prill, to Monsanto Co. Succinic acid derivatives. 3,225,085, 12–21–65, Cl. 260—470.

Eby, Harold H.: *See*—
Durr, Albert M., Jr., Eby, and Newman. 3,210,404.

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Dunmire, Russell P., and Eby. 3,173,200.

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Eby, Richard R., and E. B. Nolt, to Sperry Rand Corp. Hay baler. 3,174,425, 3–23–65, Cl. 100—98.

Eby, Walter F., to American Metal Products Co. Spring forming machine. 3,172,431, 3–9–65, Cl. 140—71.

Eccles, Edward S., and D. G. Seymour, to Bristol Siddeley Engines Ltd. Electro-magnetic rotation measuring apparatus. 3,208,269, 9–28–65, Cl. 73—71.4.

Eccles, Edwin J., Jr., R. T. Haynes, L. J. Weaver, and L. E. Weeks, to Monsanto Co. Alkylbenzene sulfonate slurry. 3,174,935, 3–23–65, Cl. 252—161.

Echeverria, Charles M., Jr. to United Aircraft Corp. Helicopter pod positioning and supporting means. 3,176,940, 4–6–65, Cl. 244—118.

Echler, Albert, and D. C. Scott. Extensible trailer. 3,167,198, 1–26–65, Cl. 214—505.

Echo Electronics Co. Ltd.: *See*—
Yoshida, Kiyoharu. 3,165,991.

Echols, Davie L., and R. J. Minarich. Purse light. 3,182,184, 5–4–65, Cl. 240—6.45.

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Echter, William T. 3,212,171.

Echter, William T., to Echter Magnetic Products Co., Inc. Method of making commutators. 3,212,171, 10–19–65, Cl. 29—155.54.

Echtler, Joseph P., Jr., and G. R. Rutledge, to Consolidation Coal Co. Test coupon positioner. 3,174,332, 3–23–65, Cl. 73—86.

Eck, Bruno. Cross flow fan. 3,209,989, 10–5–65, Cl. 230—125.

Eck, Bruno, and N. Laing, to Laing Vortex, Inc. Fluid flow machine having interior guide bodies. 3,208,665, 9–28–65, Cl. 230—125.

Eck, John C., to Allied Chemical Corp. Purification of aqueous cuprous chloride catalyst. 3,186,953, 6–1–65, Cl. 252—414.

Eck, Joseph, & Sohne, Firma: *See*—
Netze, Gunther. 3,194,508.

Eckardt, Hans F., and J. L. Marsh. Normally-closed explosive-actuated valve. 3,202,162, 8–24–65, Cl. 137—68.

Eckardt, Klaus: *See*—
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Ecke, George G., and A. J. Kolka, to Ethyl Corp. Cyclohexyl phenols. 3,205,271, 9–7–65, Cl. 260—619.

Eckel, Oliver C. Silencer with freely movable, limp diaphragm. 3,209,857, 10–5–65, Cl. 181—50.

Eckel, Oliver C. Yieldable door. 3,212,561, 10–19–65, Cl. 160—354.

Eckel, Oliver C. Door control mechanism. 3,216,051, 11–9–65, Cl. 16—80.

Eckelman, Paul F., R. B. Hennis, and R. H. Larson, to International Business Machines Corp. Character recognition system. 3,165,717, 1–12–65, Cl. 340—146.3.

Eckels, George H.: *See*—
Verrell, Curtis W., Eckels, and Troche. 3,173,511.

Eckels, George H., to The Ohio Brass Co. Derrick. 3,213,948, 10–26–65, Cl. 173—159.

Eckels, Robert E. Well testing method. 3,173,293, 3–16–65, Cl. 73—155.

Eckenfelder, Robert C., to The Bendix Corp. Transistorized voltage regulator. 3,168,693, 2–2–65, Cl. 322—28.

Eckenrod, Carl J., to Wyatt Industries, Inc. Packing with frangible support. 3,195,907, 7–20–65, Cl. 277—188.

Ecker, Mario E., to Radio Corp. of America. Circuit supporting apparatus. 3,184,650, 5–18–65, Cl. 317—101.

Eckerfeld, Alfred, and L. Schomann; said Schomann, assor. to said Eckerfeld. Electrically heated hot water apparatus having a thermostat. 3,176,113, 3–30–65, Cl. 219—331.

Eckert, Alton B., Jr., to Pitney-Bowes, Inc. Character reader. 3,168,720, 2–2–65, Cl. 340—146.3.

Eckert, Alton B., Jr. Missing character detection. 3,213,420, 10–19–65, Cl. 340—146.3.

Eckert, Bruno, to Daimler-Benz Aktiengesellschaft. Propulsion unit for airplanes. 3,176,462, 4–6–65, Cl. 60—35.6.

Eckert, Bruno, to Daimler-Benz Aktiengesellschaft. Jet power plant particularly for aircraft. 3,224,190, 12–21–65, Cl. 60—135.54.

Eckert, Frank J., and P. J. Melore, to Columbian Carbon Co. Method of treating carbon black. 3,178,304, 4–13–65, Cl. 106—307.

Eckert, Gebr., G.m.b.H., Maschinenfabrik: *See*—
Wagner, Ernst. 3,196,502.

Eckert, George W.: *See*—
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Bialy, Jerzy J., and Eckert. 3,167,411.
Hess, Howard V., and Eckert. 3,173,943.
Reuter, Robert M., and Eckert. 3,164,138.

Eckert, George W., to Texaco Inc. Catalytic preparation of esters from tertiary olefins and carboxylic acids. 3,172,905, 3–9–65, Cl. 260—497.

Eckert, George W., to Texaco, Inc. Anti-stalling motor fuel composition. 3,192,021, 6–29–65, Cl. 44—63.

Eckert, George W., and H. Chafetz, to Texaco Inc. Motor fuel containing octane appreciator. 3,181,938, 5–4–65, Cl. 44—69.

Eckert, George W., and A. Arkell, to Texaco Inc. Motor fuel composition. 3,197,292, 7–27–65, Cl. 44—69.

Eckert, John E., to Textron Inc. Rolling mill. 3,214,952, 11–2–65, Cl. 72—201.

Eckert, John P., Jr.: *See*—
Bonn, Theodore H., and Eckert. 3,188,481.
Welsh, Herbert F., Schreiner, Mock, and Eckert. 3,189,290.

Eckert, John P., Jr., to Sperry Rand Corp. Signal synchronizer. 3,204,228, 8–31–65, Cl. 340—174.1.

Eckert, John P., Jr., H. Lukoff, and N. Porath, to Sperry Rand Corp. Voltage monitoring circuit. 3,200,390, 8–10–65, Cl. 340—248.

Eckert, John S., to The United States Stoneware Co. Blending apparatus and process. 3,168,293, 2–2–65, Cl. 259—81.

Eckert, John S., to The United States Stoneware Co. Portable drum rotator. 3,181,842, 5–4–65, Cl. 259—89.

Eckert, John S., to The United States Stoneware Co. Fume scrubber. 3,210,914, 10–12–65, Cl. 55—90.

Eckert, John S., to The United States Stoneware Co. Rotator. 3,211,480, 10–12–65, Cl. 287—53.

Eckert, John S. Feed device for gas-and-liquid contact tower. 3,217,469, 11–16–65, Cl. 55—204.

Eckert, John S. Support plate for packed tower. 3,222,040, 12–7–65, Cl. 261—94.

Eckert, John S. Support plate. 3,222,041, 12–7–65, Cl. 261—94.

Eckert, Lewis W., and F. Celmer, to Armstrong Cork Co. Dimensionally stable mineral wool fiberboard. 3,223,580, 12–14–65, Cl. 162—145.

Eckert-Greifendorff, Fritz, and H. Horstermann. Endless track with speed compensation means. 3,205,022, 9–7–65, Cl. 305—19.

Eckey, Eddy W. Liquid spraying apparatus. 3,171,600, 3–2–65, Cl. 239—220.

Eckey, Eddy W. Method and apparatus for contacting liquids and gases. 3,171,725, 3–2–65, Cl. 55—89.

Eckfeldt, Edgar L., to Leeds and Northrup Co. Coulometric systems. 3,208,926, 9–28–65, Cl. 204—195.

Eckhardt, Bruno H., and W. E. Herrmann. Troughing idler assembly. 3,219,174, 11–23–65, Cl. 198—192.

Eckhardt, Elmer R.: *See*—
Clark, Robert E., Eckhardt, Hassinen, and Stribley. 3,201,256.
Clark, Robert E., Eckhardt, Spence, and Stribley. 3,201,-245.

Eckhardt, Vilem, to Driam Societe Anonyme. Method and apparatus for producing tubular metal bodies with welded helical seams of strip stock. 3,217,402, 11–16–65, Cl. 29—477.3.

Eckhardt, Wilfried O., to United States of America, Navy. High speed amplifying modulation-demodulation logic. 3,189,839, 6–15–65, Cl. 330—10.

Eckhardt, Wilhelm, to Driam S.A. Control mechanism for feeding strip stock to a helical seam pipe making machine. 3,192,749, 7–6–65, Cl. 72—17.

Eckhardt, Wilhelm, to Driam S.A. Method and apparatus for adjusting the welding-gap width in a helical-seam tube-making installation. 3,208,138, 9–28–65, Cl. 29—477.3.

Eckhoff and Slick: *See*—
Moses, Vivian, and Lonberg-Holm. 3,200,252.

Eckley, Dorothy L. Combined dispensing carton and measuring cup. 3,195,782, 7–20–65, Cl. 222—158.

Ecklund, Oscar F.: *See*—
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Ecklund, Oscar F., and A. R. Rein, to American Can Co. Can with quick-opening lap seam. 3,182,891, 5–11–65, Cl. 229—51.

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Eckman, George E., to American Can Co. Hermetically sealed container. 3,204,810, 9–7–65, Cl. 220—29.

Eckman, Richard E.: *See*—
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Eckold, Walter. Manually or power driven apparatus for the upsetting of sheet metals or profiles. 3,171,303, 3–2–65, Cl. 72—352.

Eckrich, Peter, & Sons, Inc.: *See*—
Stelzer, James S. 3,215,333.

Eckstein, Emil L. High density recorder utilizing low tape speed. 3,197,575, 7–27–65, Cl. 179—100.2.

Eckstein, George R.: *See*—
Bayard, La Vern S., Eckstein, and Dickey. 3,215,075.
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Eckstein, George R., and D. S. Foote, to Remington Arms Co., Inc. Ball and shot manufacture by impacting process. 3,204,320, 9–7–65, Cl. 29—1.22.

Eckstein, Karl-Albert, to Industriewerk Scheffer Ohr. Thin-walled cages for cylindrical rollers. 3,202,467, 8–24–65, Cl. 308—217.

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Eclipse Fuel Engineering Co.: *See*—
Jackson, Herbert N. 3,170,443.
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Eclipse Sleep Products, Inc.: *See*—
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Economation, Inc.: *See*—
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Economics Laboratory, Inc.: *See*—
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Mizuno, William G., and Oberle. 3,166,513.

Economy Baler Co.: *See*—
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Economy Elevator Enterprises, Inc.: *See*—
Kolts, William F., and Reese. 3,170,640.

Econ-O-Post Corp.: *See*—
Krupotich, Edward A. 3,220,547.

Edberg, Edwin A., to Koppers Co., Inc. Apparatus for making foamed polymeric structures. 3,178,768, 4–20–65, Cl. 18—4.

Edblom, Erik O. H., K. G. Lundbeck, and J. S. V. Roos, to Skänska Cementgjuteriet, AB. Deep drills having an eccentric bit. 3,174,563, 3–23–65, Cl. 175—258.

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Eddey, Everett E., to Goodyear Aerospace Corp. Densitometer and associated amplification circuitry to control the density of flowing materials. 3,205,358, 9–7–65, Cl. 250—83.3.

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Webb, James E. 3,181,821.

Eddins, Timothy O., to United States of America, National Aeronautics and Space Administration. Missile launch release system. 3,224,336, 12–21–65, Cl. 89—1.7.

Eddleman, Harold L. Fish grapple. 3,208,786, 9–28–65, Cl. 294—19.

Eddleston, Ian: *See*—
Donaldson, William K., and Eddleston. 3,164,951.

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Eddy, Newell A., III, to Habitant Fence, Inc. Portable screening appaartus. 3,216,432, 11–9–65, Cl. 135—5.

Ede, Alan W., and R. A. Paananen, to Raytheon Co. Method for increasing efficiency of backward wave oscillator tubes. 3,221,267, 11–30–65, Cl. 331—44.

E'del, Ralph R., to Radio Corp. of America. Electron dynamic beam convergence apparatus for color receiver. 3,187,218, 6–1–65, Cl. 315—22.

Edelbock, Wilhelm K., to Ing. C. Olivetti & C. S.p.A. Partial product multiplying machine. 3,167,246, 1–26–65, Cl. 235—61.

Edelstein, Philip M.: *See*—
Patterson, Clarence L., and Edelstein. 3,175,578.

Eden, Kenneth A., and K. J. Bourne, to William E. Farrer Ltd. Travelling gantry structures and the like. 3,171,-363, 3–2–65, Cl. 105—29.

Edenborough, Yule C. Air cylinders and manufacture thereof. 3,223,002, 12–14–65, Cl. 92—169.

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Golden, Harold W., and Edenhofer. 3,211,993.

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Edens, Charles O., and A. H. Schick, to Eastman Kodak Co. Drum processing device. 3,187,659, 6–8–65, Cl. 95—89.

Eder, Heinz, to Wacker-Chemie G.m.b.H. Stable aqueous emulsions of organohydrogensiloxanes containing a water-soluble aldehyde. 3,223,665, 12–14–65, Cl. 260—29.2.

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Eder, Josef, to Erma-Werke Waffen-und Maschinenfabrik G.m.b.H. Breech closure for firearms. 3,220,310, 11–30–65, Cl. 89—189.

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Tallquist, Axel A. 3,179,264.

Edgar, David M., and D. Kristof, to S.I. Handling Systems, Inc. Tow truck system and tow truck therefor. 3,174,439, 3–23–65, Cl. 104—88.

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Calderbank, Alan, Edgar, and Silk. 3,169,964.

Edgar, John B.: *See*—
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Edgar, Robert F.: *See*—
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Edgar, Robert F., to McGraw-Edison Co. Electrode positioning means. 3,168,673, 2–2–65, Cl. 314—69.

Edgarton, Frank R., to United States of America, Air Force. Hermetically sealed container. 3,174,620, 3–23–65, Cl. 206—1.

Edgarton, Frank R., to United States of America, Air Force. Inertial switch device. 3,194,910, 7–13–65, Cl. 200—61.45.

Edgcomb, Leslie I., and P. A. Hermle, to Eastman Kodak Co. Cleaning means for a viscous solution processing device. 3,183,820, 5–18–65, Cl. 95—89.

Edge, Gordon M.: *See*—
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Edgemond, John W., Jr., to FMC Corp. Fruit harvesting machine. 3,218,790, 11–23–65, Cl. 56—329.

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Goldberg, Seymour. 3,164,781.
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Hansen, Ramon D., and Bridenstine. 3,223,854.
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Kreyer, Lawrence S. 3,206,741.
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Ward, William A. 3,223,884.

Edgerton, Harold E., to Edgerton, Germeshausen & Grier, Inc. Excitation system for an optical maser. 3,179,897, 4–20–65, Cl. 331—94.5.

Edgington, Glenn E., and C. E. McCarthy, Jr., to International Business Machines Corp. Period-to-rate converter having means for summing capacitor discharge curves. 3,209,251, 9–28–65, Cl. 324—78.

Edick, Philip, to Sportsmen, Inc. Method and apparatus for attaching guides to fishing rods. 3,197,148, 7–27–65, Cl. 242—7.

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Carroll, Frank E., Jr., and Edington. 3,208,573.
Carroll, Frank E., Jr., and Edington. 3,212,614.

Edington, Robert A., G. E. Barlow, and P. B. Checkland, to Imperial Chemical Industries Ltd. Process for imparting improved latent crimp to filaments. 3,224,068, 12–21–65, Cl. 28—72.

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Gattrugeri, Giovanni. 3,214,312.
Giordano, Nicola, Caporali, and Ferlazzo. 3,226,421.
Marangoni, Luigi, and Nenz. 3,201,468.
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Vecchio, Martino. 3,183,276.
Zanon, Domenico, and Sperandio. 3,199,952.

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Edkins, Denis P., to General Electric Co. Turofan engine speed synchronizing arrangement. 3,186,165, 6–1–65, Cl. 60—35.6.

Edlin, Frank E., to E. I. du Pont de Nemours and Co. Air supported solar still. 3,174,915, 3–23–65, Cl. 202—234.

Edlund, Carl T., and G. A. Wetterholm, to Nitroglycerin Aktiebolaget. Gelatinized explosive. 3,208,890, 9–28–65, Cl. 149—47.

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Edman, Walter W., and A. T. Sullivan, to Sales Affiliates, Inc. Hydrogen peroxide hair bleaching composition and method. 3,193,464, 7–6–65, Cl. 167—88.

Edmans, Albert T., to Hesse-Eastern, Inc. Fuzes provided with means for electrically checking the safety. 3,168,866, 2–9–65, Cl. 102—76.

Edminson, John A., and G. H. Martin, to C. A. Parsons & Co., Ltd. Steam turbine plants. 3,186,176, 6–1–65, Cl. 60—95.

Edmiston, James R., and R. V. Receptacle retaining devices. 3,211,404, 10–12–65, Cl. 248—154.

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Edmonds, Lee O., to Phillips Petroleum Co. Coating metal with an aminophenol or aminoalkylphenol treated polyolefin powder. 3,184,325, 5–18–65, Cl. 117—21.

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Edmondson, William S. Embossing process. 3,200,025, 8–10–65, Cl. 156—209.

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Ednell, Daniel F., to Sandvikens Jernverks Aktiebolag. Method and device for assembling a hot top. 3,209,413, 10–5–65, Cl. 22—31.

Ednell, Daniel F., J. O. Edström, and P. D. Davidson, to Sandvikens Jernverks Aktiebolag. Hot top for ingot mold. 3,178,783, 4–20–65, Cl. 22—147.

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Edsmar, Kurt G., to Sandvikens Jernverks Aktiebolag. Traction-augmenting stud for a vehicle tire. 3,179,147, 4–20–65, Cl. 152—210.

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Edson, William A., to General Electric Co. System for recirculating memory. 3,185,978, 5–25–65, Cl. 340—350.

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Edwarde, Leo K.: *See*—
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Edwardes, John. Garment holder. 3,191,823, 6–29–65, Cl. 223—96.

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Edwards, Andrew W., to Westinghouse Electric Corp. Winding for electrical apparatus. 3,183,467, 5–11–65, Cl. 336—223.

Edwards, Arnold D. Plant packer. 3,171,499, 3–2–65, Cl. 172—371.

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Edwards, Bryant, to Illinois Tool Works Inc. Molding apparatus for rim structure of thin wall plastic container. 3,173,174, 3–16–65, Cl. 18—19.

Edwards, Bryant, to Illinois Tool Works Inc. Container and lid. 3,178,051 4–13–65, Cl. 220—60.

Edwards, Bryant, to Illinois Tool Works Inc. Direct response valve. 3,185,174, 5–25–65, Cl. 137—533.21.

Edwards, Bryant, to Illinois Tool Works Inc. Thin wall container with thickened rim structure. 3,190,530, 6–22–65, Cl. 229—1.5.

Edwards, Bryant, to Illinois Tool Works, Inc. Nestable cup. 3,208,631, 9–28–65, Cl. 220—97.

Edwards, Bryant, to Illinois Tool Works Inc. Process and apparatus for forming plastic cups or the like. 3,218,379, 11–16–65, Cl. 264—93.

Edwards, Bryant, to Illinois Tool Works Inc. Thin wall container with strengthening and insulating characteristics. 3,220,595, 11–30–65, Cl. 220—9.

Edwards, Bryant, to Illinois Tool Works Inc. Laminated container forming method and apparatus. 3,220,902, 11–30–65, Cl. 156—79.

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Edwards, Evan A., T. A. Munson, and J. A. Black, to Eastman Kodak Co. Film cartridge. 3,208,686, 9–28–65, Cl. 242—71.2.

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Edwards, Harold H., and V. L. Newhouse, to General Electric Co. Superconducting current multiplier utilizing inductive storage devices and diode switches. 3,219,841, 11–23–65, Cl. 307—88.5.

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Edwards, John. Portable tire seal breaker. 3,191,656, 6–29–65, Cl. 157—1.17.

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Edwards, Lawrence J., and J. P. Nigon, to Callery Chemical Co. Preparation of decaborane. 3,167,392, 1–26–65, Cl. 23—204.

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Edwards, Lyman P. Metal window construction. 3,173,179, 3–16–65, Cl. 20—52.

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Edwards, Theodoric B., to United States of America, Army. Adjustable height propeller and drive assembly. 3,187,709, 6–8–65, Cl. 115—41.

Edwards, Theodoric B., deceased; H. M. Edwards, executrix. Continuous torque two gear ratio electric motor. 3,191,080, 6–22–65, Cl. 310—118.

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Edwards, William R., R. D. Wesselhoft, and B. B. Williams, to Esso Research and Engineering Co. Process for separating olefins. 3,173,968, 3–16–65, Cl. 260—683.2.

Edwards, William R., R. D. Wesselhoft, and E. J. Pratt, to Esso Research and Engineering Co. Breaking emulsions. 3,179,603, 4–20–65, Cl. 252—325.

Edwards, William R., and R. D. Wesselhoft, to Esso Research and Engineering Co. Re-extraction method. 3,217,055, 11–9–65, Cl. 260—677.

Edwins, James I. Frame for two wheel vehicle. 3,212,791, 10–19–65, Cl. 280—275.

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Eggert, Walter S., Jr., to The Budd Co. Methods and apparatus for welding sheet material. 3,178,550, 4–13–65, Cl. 219—62

Eggert, Walter S., Jr., and H. P. Schane, to The Budd Co. Method of making a metal sandwich structure panel. 3,194,047, 7–13–65, Cl. 72—349.

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Eggington, Wilfred J., and E. G. Tattersall, to Hovercraft Development Ltd. Vehicles for travelling over land and/or water. 3,174,572, 3–23–65, Cl. 180—7.

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Eging, Henry B. Pitless well connector. 3,183,973, 5–18–65, Cl. 166—85.

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Egler, Vernon C., and H. R. Morgan, to The Kendall Co. Method of filling suture package. 3,167,895, 2–2–65, Cl. 53—35.

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Egleston, Harry B., to Ex-Cell-O Corp. Carton breaker-tucker apparatus. 3,183,801, 5–18–65, Cl. 93—44.1.

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Egli, Alwin, to Schweizerische Industrie-Gesellschaft. Device for the production of bags. 3,182,570, 5–11–65, Cl. 93—12.

Eglowstein, Nathan H., to General Lighting Products Co. Pendant-mounted fluorescent-lighting system and fixture therefor. 3,192,380, 6–29–65, Cl. 240—51.11.

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Ellegast, Konrad, and U. Knipp, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of webs of elastic synthetic resins. 3,168,605, 2–2–65, Cl. 264—166.

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Ellenberger, Francis R., to General Electric Co. System for controlling the maximum torque developed by fluid turbines. 3,202,397, 8–24–65, Cl. 253—59.

Ellenberger, Francis R., and R. A. Carter, to General Electric Co. Control system for fluid turbines. 3,180,614, 4–27–65, Cl. 253—59.

Ellenberger, Jakob, to Ellenberger & Poensgen G.m.b.H. Pushbutton-controlled polyphase overload circuit breaker. 3,211,862, 10–12–65, Cl. 200—116.

Ellenberger, Jakob P., to Ellenberger & Paensgen G.m.b.H. Pushbutton operated overload circuit breaker. 3,185,793, 5–25–65, Cl. 200—116.

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Ellenrieder, Willy, and R. Hennecke. Anti-skid automobile tire. 3,217,776, 11–16–65, Cl. 152—210.

Ellerbeck, Grant C., to Friden, Inc. Calculating machine. 3,214,094, 10–26–65, Cl. 235—63.

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Ellett, James R., to Baber Machinery Ltd. Pipeline cleaner inserter valve. 3,177,513, 4–13–65, Cl. 15—104.06.

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Kaufmann, Carl P., and Von Bolhar. 3,218,739.

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Elligson, Daniel M., to The Black and Decker Mfg. Co. Trigger locking means for portable electric device. 3,217,559, 11–16–65, Cl. 74—527.

Ellingboe, Ellsworth K., to E. I. du Pont de Nemours and Co. 1,1 - diaryl-2,2,3,3-tetrafluoro-4,4-dihalocyclobutanes. 3,185,736, 5–25–65, Cl. 260—619.

Ellingboe, Ellsworth K., and A. L. McClelland, to E. I. du Pont de Nemours and Co. Synthesis of bis(trifluoromethyl) peroxide. 3,202,718, 8–24–65, Cl. 260—610.

Ellingboe, Ellsworth K., F. S. Fawcett, and C. W. Tullock, to E. I. du Pont de Nemours and Co. Fluorination of carbonyl compounds with carbonyl fluoride and selected products made thereby. 3,213,062, 10–19–65, Cl. 260—63.

Ellinger, Rudolph H.: *See*—
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Ellingson, Chester W., Jr., and W. E. Lingenfelder, to Reese Metal Weatherstrip Co. Glass edging. 3,214,879, 11–2–65, Cl. 52—720.

Ellingson, Herbert C. Apparatus for metering a medicant into stock watering system. 3,220,435, 11–30–65, Cl. 137—564.5.

Ellingson, Herman E., and J. C. Munson, to United States of America, Navy. Method of measuring the velocity of an underwater moving sound source. 3,182,283, 5–4–65, Cl. 340—6.

Elliot, Charles L., O. J. Ott, J. W. Tuska, and A. A. Brant, to Newmont Mining Corp. Drill hole electromagnetic method and apparatus for geophysical exploration utilizing in-phase and out-of-phase nulling voltages. 3,214,686, 10–26–65, Cl. 324—6.

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Elliot (Trefores) Ltd.: *See*—
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Elliott, Bernard E. Tandem trailer steering mechanism. 3,178,203, 4–13–65, Cl. 280—470.

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Bishop, Geoffrey S. 3,218,938.
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Elliott, Carmon M., Jr., to Eastman Kodak Co. Display package. 3,189,170, 6–15–65, Cl. 206—44.

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Elliott, Eugene W.: *See*—
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Elliott, Eugene W., and E. E. Gray, to Chicago Aerial Industries, Inc. Device for threading film. 3,183,811, 5–18–65, Cl. 95—34.

Elliott, Franklin P., to Honeywell Inc. Photographic flash apparatus. 3,167,256, 1–26–65, Cl. 240—1.3.

Elliott, George H., to Atohm Electronics. Component retaining device. 3,207,954, 9–21–65, Cl. 317—99.

Elliott, George H., and W. W. Maves, to Atohm Electronics. Welding apparatus and method. 3,175,070, 3–23–65, Cl. 219—78.

Elliott, Harold V., to General Motors Corp. Turn signal switch for a tiltable steering wheel. 3,222,472, 12–7–65, Cl. 318—221.

Elliott, Hubert L. Ditch draining device. 3,190,225, 6–22–65, Cl. 103—87.

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Elliott, James D., to American Machine & Foundry Co. Bowling pin elevating apparatus. 3,179,410, 4–20–65, Cl. 273—43.

Elliott, James H., L. H. Stauffer, and J. G. Garbin, to Pittsburgh Plate Glass Co. Bending mold. 3,185,559, 5–25–65, Cl. 65—291.

Elliott, James J., and F. O. Jones, Jr., to Pan American Petroleum Corp. Treatment of water-sensitive formations. 3,208,528, 9–28–65, Cl. 166—42.

Elliott, James O., D. L. Frank, and R. W. Leland, to General Motors Corp. Starting arrangement. 3,226,620, 12–28–65, Cl. 200—61.27.

Elliott, John L., to Tracer Control Co. Vane pressurizing means. 3,225,786, 12–28–65, Cl. 137—512.

Elliott, John R., and G. D. Cooper, to General Electric Co. Preparation of organopolysiloxanes by siloxane rearrangement. 3,175,995, 3–30–65, Cl. 260—46.5.

Elliott, John S., to Castrol Ltd. Lubricating oils containing benzalcyclohexylamine and bis-phenols. 3,173,871, 3–16–65, Cl. 252—51.5.

Elliott, John S., and E. D. Edwards, to Castrol Ltd. Lubricating compositions containing polyether derivatives. 3,211,651, 10–12–65, Cl. 252—46.7.

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Elliott, Kenneth M., and G. V. Bell, to John Lynn & Co. Ltd. Percussive tools. 3,191,694, 6–29–65, Cl. 173—101.

Elliott, Louis J., and T. C. Ward, to Kinetics Corp. Electrical inverter system. 3,196,337, 7–20–65, Cl. 321—45.

Elliott, Melvin R., to Continental Oil Co. Off-shore oil drilling apparatus. 3,165,898, 1–19–65, Cl. 61—46.5.

Elliott, Oliver B., to Life Guard, Inc. Concealed lock medicine cabinet. 3,189,390, 6–15–65, Cl. 312—138.

Elliott, Ralph W.: *See*—
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Elliott, Ralph W., to Phillips Petroleum Co. Process and apparatus for reducing surge in lead lines. 3,198,133, 8–3–65, Cl. 103—223.

Elliott, Ralph W., to Phillips Petroleum Co. Plastic lined conduit and method of construction. 3,210,095, 10–5–65, Cl. 285—55.

Elliott, Ralph W., and G. B. Hebard, to Phillips Petroleum Co. Method of constructing plastic-lined conduit. 3,192,612, 7–6–65, Cl. 29—157.

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Elliott, Robert A.: *See*—
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Elliott, Robert A., and H. J. May, to The Bendix Corp. Hydraulic device. 3,173,262, 3–16–65, Cl. 60—54.5.

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Elliott, Robert W., to Elliott, Inc. Automatic self-propelled nailing machine. 3,173,593, 3–16–65, Cl. 227—111.

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Elliott, Thomas A., and H. B. Friedman, to National Service Industries, Inc. Dispenser having agitator and measured delivery. 3,197,083, 7–27–65, Cl. 222—231.

Elliott, Victor B., and R. J. Winslade, to Fry's Metal Foundries Ltd. Soldering machines. 3,196,829, 7–27–65, Cl. 118—300.

Elliott, William, and F. T. Howells, to Elliotts Liverpool Ltd. Apparatus for automatically transferring an article from a series of baths or the like in which it is immersed for predetermined periods of time. 3,165,108, 1–12–65, Cl. 134—58.
Elliot, William H., to Cutler-Hammer, Inc Intrinsically safe electrical device control systems. 3,193,710, 7–6–65, Cl. 307—136.
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Ellis, Earle B., and C. E. Chesney, to Standard Brands Inc. Egg separating apparatus. 3,185,194, 5–25–65, Cl. 146—2.
Ellis, Earle B., and C. E. Chesney. Cross feed conveying and positioning apparatus. 3,217,857, 11–16–65, Cl. 198—33.
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Ellis, Frederick E., and P. J. Standbridge, to Automotive Products Co. Ltd. Power transmission systems providing automatic changes of gear ratio. 3,183,742, 5–18–65, Cl. 74—757.
Ellis, Grenville B. Battery electrode. 3,184,339, 5–18–65, Cl. 136—75.
Ellis, Grenville B., to Gould-National Batteries, Inc. Two-way vent valve for batteries. 3,201,284, 8–17–65, Cl. 136—178.
Ellis, Hampton. Combined measuring and scribing device. 3,187,437, 6–8–65, Cl. 33—88.
Ellis, Herbert B., to Reliquefier Corp. Apparatus for storing and shipping perishable material. 3,165,907, 1–19–65, Cl. 62—373.
Ellis, Herbert B., to Elmwood Liquid Products, Inc. Refrigeration system employing a liquified gas. 3,174,299, 3–23–65, Cl. 62—216.
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Ellis, Nicholas D., and J. J. Solomon, to Anheuser-Busch, Inc. One-piece dispensing carton for cylindrical objects. 3,178,242, 4–13–65, Cl. 312—45.
Ellis, Ray G., and J. N. Sturdy, to National Rejectors, Inc. Money-handling devices. 3,186,532, 6–1–65, Cl. 194—19.
Ellis, Ray G., and J. N. Sturdy, to National Rejectors, Inc. Money-actuated devices. 3,219,858, 11–23–65, Cl. 310—77.
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Ellis, Robert B., and B. L. Gelfand, to International Register Co. Geared driving means for timers and the like. 3,190,976, 6–22–65, Cl. 200—38.
Ellis, Robert L., and E. H. Ingalls, to Endicott-Johnson Corp. Safety shoe having an improved guard flap. 3,206,874, 9–21–65, Cl. 36—72.
Ellis, Roger H., to International Telephone and Telegraph Corp. Contact-positioning structure for a resilient connector insulator. 3,184,701, 5–18–65, Cl. 339—59.
Ellis, Thomas E., to General Dynamics Corp. Selector circuit. 3,171,899, 3–2–65, Cl. 179—18.
Ellis, Warren E., to L. J. Ellis. Packing apparatus for stuffing boxes. 3,164,388, 1–5–65, Cl. 277—18.
Ellis, William H., and R. J. Schmidt, to California Research Corp. Asphalt permeability measurement apparatus. 3,184,957, 5–25–65, Cl. 73—38.
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Ellison, Lynn E. Watch testing apparatus. 3,183,706, 5–18–65, Cl. 73—6.
Ellison, Lynn E. Safety switch device for power operated tools. 3,211,855, 10–12–65, Cl. 200—87.
Ellison, Lynn E., and F. Walter, to The Pure Oil Co. Potentiometric model energized by square wave input means. 3,207,977, 9–21–65, Cl. 323—99.
Ellison, Michael C., to Graphic Controls Corp. Electrosensitive recording materials and their manufacture. 3,216,855, 11–9–65, Cl. 117—216.
Ellithorpe, Clarence D., to The Mosler Safe Co. Pneumatic tube conveyer system. 3,189,297, 6–15–65, Cl. 243—19.
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Ellman, Irving A. Fluoride-containing dentifrice dispenser. 3,175,731, 3–30–65, Cl. 222—94.
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Ellner, Edwin, to Consolidated Electronics Industries Corp. Rotary solenoid. 3,202,850, 8–24–65, Cl. 310—37.
Ellner, Edwin, and P. R. Burrows, to Consolidated Electronics Industries Corp. Self-compensating centrifugal governor. 3,184,562, 5–18–65, Cl. 200—80.
Ellner, Sidney, and R. W. Marx, to Ultra Dynamics Corp. Electronically monitored liquid purification or sterilizing system. 3,182,193, 5–4–65, Cl. 250—43.5.
Ellor, James V., G. W. Ostberg, and J. L. Disney, to Esso Standard Eastern, Inc. Desulfurization of wide boiling range crudes. 3,193,495, 7–6–65, Cl. 208—211.
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Ellsworth, James P., and R. H. Flick, to Westinghouse Electric Corp. Circuit breaker with spring operating mechanism. 3,213,249, 10–19–65, Cl. 200—116.
Ellsworth, Lewis E., Sr. Stone picker apparatus. 3,203,486 8–31–65, Cl. 171—63.
Ellsworth, M. J. P., and R. H. Flick, to Westinghouse Electric Corp. Circuit interrupter with improved compact arrangement of parts. 3,194,922, 7–13–65, Cl. 200—116.
Ellwanger, Charles G., to The Gleason Works. Machine for cutting rack teeth or the like. 3,176,586, 4–6–65, Cl. 90—9.6.
Ellwood, Walter B., to Bell Telephone Laboratories, Inc. Sealed contact transfer switch. 3,190,984, 6–22–65, Cl. 200—87.
Ellzey, Floyd P. Multi-use for hydrofoil supported displacement vessel. 3,199,483, 8–10–65, Cl. 114—66.5.
Ellzey, Samuel E., Jr., and C. H. Mack, to United States of America, Agriculture. Method for preparing thioformanilide. Method for preparing thioformanilide. 3,180,891, 4–27–65, Cl. 260—567.

Ellzey, Samuel E., Jr., and C. H. Mack, to United States of America, Agriculture. Method for preparing triaryl isocyanurates. 3,217,003, 11–9–65, Cl. 260—248.
Elmendorf, Armin. Oriented strand board. 3,164,511, 1–5–65, Cl. 161—57.
Elmendorf, Armin. Method of forming a composite panel. 3,202,743, 8–24–65, Cl. 264—109.
Elmendorf, Armin, to Elmendorf Research Inc. Method for texturing non-porous woods to resemble porous woods. 3,214,870, 11–2–65, Cl. 51—281.
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Elmer, Arthur E. H., to Dowty Hydraulic Units Ltd. Cooling fans. 3,217,808, 11–16–65, Cl. 170—160.16.
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Elmer, Thomas H., and J. P. Hoxie, to Corning Glass Works. Light filter. 3,188,218, 6–8–65, Cl. 106—52.
Elmer, William B. Luminaire and means for lighting streets. 3,210,536, 10–5–65, Cl. 240—25.
Elmes, John A., to Heinemann Saw Corp. Circular saws. 3,177,747, 4–13–65, Cl. 83—169.
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Elsas, Norman E. Gripping device. 3,203,535, 8–31–65, Cl. 198—180.
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Elsasser, Johann F. Process for printing upon fabric or the like with at least one printing stencil. 3,168,036, 2–2–65, Cl. 101—129.
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Elsea, Arthur R., to Battelle Development Corp. High strength steel. 3,181,945, 5–4–65, Cl. 75—123.
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Elslager, Edward F., D. F. Worth, D. B. Capps, and L. M. Werbel, to Parke, Davis & Co. d-Naphthylamine alkyl piperadine compounds. 3,218,327, 11–16–65, Cl. 260—293.
Elslager, Edward F., and D. F. Worth. Salts of 4,6-diamino-1,2 - dihydro - 2 - lower alkyl-1-aryl-s-triazines. 3,223,705, 12–14–65, Cl. 260—249.9.
Elsner, Edwin C., to Aeroquip Corp. Webbing-fitting assembly. 3,203,067, 8–31–65, Cl. 24—265.
Elsner, Edwin C., to Aeroquip Corp. Securing device for cargo tie-down means. 3,224,385, 12–21–65, Cl. 105—369.
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Elsner, Hans, and W. Behr, to Olympia Werke A.G. Proportional spacing mechanism control for typewriters. 3,181,-682, 5–4–65, Cl. 197—84.
Elsner, Hans, and W. Behr, to Olympia Werke A.G. Carriage step selector arrangement for proportional spacing control of a typewriter. 3,181,683, 5–4–65, Cl. 197—84.
Elsner, Horst, H. Diessel, and H.-E. Konermann, to Dynamit Nobel Aktiengesellschaft. Process and apparatus for the simultaneous production of acetylene and ethylene. 3,205,048, 9–7–65, Cl. 23—277.
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Klepper, Herbert, and Abbott. 3,225,909.
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Elverum, Gerald W., Jr., to Thompson Ramo Wooldridge Inc. Variable thrust bipropellant rocket engine. 3,205,656, 9–14–65, Cl. 60—35.6.
El-Waziri, Abdel H., to United States Steel Corp. Reduction of edge taper in strip rolling. 3,225,580, 12–28–65, Cl. 72—236.
Elwell, Henry G., Jr., and E. J. Hazen, to The Bendix Corp. Rate of altitude change sensor and rate of climb indicator control system. 3,206,975, 9–21–65, Cl. 73—179.
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Ely, Berten E., Jr., J. W. Burley, and I. T. Clement, to Pennsylvania Fluorocarbon Co., Inc. Fep-fluorocarbon tubing process. 3,196,194, 7–20–65, Cl. 264—95.
Ely, Roland S. Lead angle gear gage. 3,224,105, 12–21–65, Cl. 33—179.5.
Ely, Spencer C. Gas, oil and water separator. 3,192,691, 7–6–65, Cl. 55—325.
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Embree, Harold K., to Ovalstrapping Ltd. Mechanism for actuating powered wire tensioning device. 3,190,613, 6–22–65, Cl. 254—51.
Embree, Harold K., to Ovalstrapping Ltd. Automatic strapping machine. 3,196,779, 7–27–65, Cl. 100—4.
Embree, Milton L., and L. J. Montone, to Bell Telephone Laboratories, Inc. and Western Electric Co., Inc. Wave transient time interval measuring circuit with wave comparison function. 3,201,690, 8–17–65, Cl. 324—158.
Embring, Paul G., and P. O. Mattsson, to Pharmacia, Aktiebolaget. Enema-type laxative composition. 3,211,614, 10–12–65, Cl. 167—56.
Embring, Paul G., and P. O. Mattsson. Stabilized barium sulfate X-ray compositions. 3,216,900, 11–9–65, Cl. 167—95.
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Emeis, Reimer, to Siemens-Schuckertwerke Aktiengesellschaft. Device for crucible-free zone melting. 3,189,415, 6–15–65, Cl. 23—273.
Emeis, Reimer, to Siemens-Schuckertwerke Aktiengesellschaft. Method for producing a highly doped P-type conductance region in a semiconductor body, particularly of silicon and product thereof. 3,208,889, 9–28–65, Cl. 148—177.
Emeis, Reimer, to Siemens-Schuckertwerke Aktiengesellschaft. Device for crucible-free zone melting. 3,216,805, 11–9–65, Cl. 23—273.
Emeis, Reimer, and H. Vogt, to Siemens-Schuckertwerke Aktiengesellschaft. Semiconductor device having a nickel surface in pressure sliding engagement with a silver surface. 3,221,219, 11–30–65, Cl. 317—234.
Emeriat, Raymond, to Accumulateurs Fixes et de Traction (Societe Anonyme) Societe des. Process for manufacturing a gas-permeable and liquid-proof porous electrode. 3,193,-414, 7–6–65, Cl. 136—122.
Emeriat, Raymond, to Societe des Accumulateurs Fixes et de Traction (Societe Anonyme). Electrodes for storage batteries, fuel cells and the like, and method of manufacturing same. 3,202,545, 8–24–65, Cl. 136—38.
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England, David C., to E. I. du Pont de Nemours and Co. 2 and 2,4-(alpha hydroxypolyperhalocycloalkyl)-thiophenes, pyrroles, and furans; 2 and 2,4-[(alpha hydroxy-alpha, alpha dipolyperhalo hydrocarbon)methyl]-thiophenes, pyrroles and furans, and process for making them. 3,197,480, 7–27–65, Cl. 260—326.5.

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Englander, Robert A., and C. P. Cato, to Dacam Corp. Article carrier. 3,186,587, 6–1–65, Cl. 220—115.

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Engle, James L., to United States of America, Atomic Energy Commission. Arc positioning servo. 3,173,983, 3–16–65, Cl. 88—14.

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Engle, Loy S., to Interchemical Corp. Color concentrates of graft copolymers of methyl methacrylate and 2-hydroxymethyl-5-norbornene. 3,226,353, 12–28–65, Cl. 260—29.8.

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Englesson, Sixten, ½ to Flygts Pumpar, AB. Twin pump device. 3,183,838, 5–18–65, Cl. 103—4.

Englisch, Alfred, and R. Zimmermann, to Chemische Werke Albert. Polyadduct resins of monomolecular esters and diallylidene pentaerythritol stabilized with alkaline-reacting compounds. 3,209,054, 9–28–65, Cl. 260—861.

English, Charles L. Reciprocating fluid motor. 3,204,535, 9–7–65, Cl. 91—222.

English, Charles L. Fluid motor. 3,222,994, 12–14–65, Cl. 91—224.

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English Electric Aviation Ltd.: *See*—
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Alderman, Alfred, Gonek, and Rowlinson. 3,167,630.
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English, John B., to Reynolds Metals Co. Method of treating aluminum and aluminium alloys preparatory to bright finishing. 3,187,428, 6–8–65, Cl. 29—527.

English Lawrence P., to KSM Products, Inc. Stud welding device. 3,171,011, 2–23–65, Cl. 219—98.

English, Ralph M. Automobile parking system. 3,190,467, 6–22–65, Cl. 214—16.1.

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Engman, Milton C.: *See*—
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Enk, Eduard, G. Piekarski, H. Puchala, and R. Kloss (deceased, by Erika, M., and Emil Kloss, legal representatives), to Wacker-Chemie G.m.b.H. Process for producing a hydrosilicon polymer based catalyst. 3,202,617, 8–24–65, Cl. 252—429.

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Enoch, Charles R., to Resco Products, Inc. Concrete cement composition. 3,202,520, 8–24–65, Cl. 106—85.

Enoch, Duard W., to Interstate Bakeries Corp. Apparatus for processing dough. 3,169,493, 2–16–65, Cl. 107—36.

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Ensley, Glover C. Cable grip. 3,166,810, 1–26–65, Cl. 24—125.

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Epstein, Herman, and A. E. Trolio, to Omnitronics, Inc. Control circuit for tape drive mechanism. 3,185,911, 5–25–65, Cl. 318—275.
Epstein, Isidore, to G. W. Davis Corp. Rotary mower. 3,186,152, 6–1–65, Cl. 56—202.
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Epstein, Peter F., and G. E. Lukes, to Stauffer Chemical Co. 2-lower alkyl sulfonyl-benzisothiazoline. 3,166,563, 1–19–65, Cl. 260—304.
Epstein, Ralph. Air conveyor or pneumatic conveyor for light materials, plastics etc. 3,181,916, 5–4–65, Cl. 302—29.
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Erbe, William W., to United States of America, Army. Fluid cooling of electrical conductors. 3,192,305, 6–29–65, Cl. 174—15.
Erbert, Adelhard. Base mat. 3,220,681, 11–30–65, Cl. 248—119.
Erbstoesser, James A., ⅓ to Stevens, Lehrer & Stevens, and ⅓ to I. M. Bernstein. Air-feed device for carburetors. 3,224,174, 12–21–65, Cl. 55—418.
Erchak, Michael, Jr., to Rexall Drug and Chemical Co. Process for polymerizing alpha-olefins in the presence of a minor amount of a lower alkane as the sole diluent. 3,225,021, 12–21–65, Cl. 260—93.7.
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Erdely, Ladislas, to Pechiney Compagnie de Produits Chimiques et Electrometallurgiques. Fluid pressure detection. 3,216,260, 11–9–65, Cl. 73—398.
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Ericks, Walter P., and R. L. Yarnall, to The Upson Co. Stabilized polystyrene coating composition. 3,174,941, 3–23–65, Cl. 260—23.
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Erickson, Anton F., to General Motors Corp. Master cylinder. 3,174,286, 3–23–65, Cl. 60—54.6.
Erickson, Anton F., to General Motors Corp. Friction braking means. 3,176,804, 4–6–65, Cl. 188—250.
Erickson, Anton F., to General Motors Corp. Wheel cylinder means with feedback. 3,184,007, 5–18–65, Cl. 188—78.
Erickson, Anton F., to General Motors Corp. Air cooled external band brake. 3,220,514, 11–30–65, Cl. 188—77.
Erickson, Anton F., and R. M. Van House, to General Motors Corp. Series energized brake. 3,216,532, 11–9–65, Cl. 188—78.
Erickson, Arnel T. Rotating roller machine. 3,221,619, 12–7–65, Cl. 94—50.
Erickson, Arthur M. Joint lock hammer. 3,195,492, 7–20–65, Cl. 113—54.
Erickson, Bruce G., to Nordberg Mfg. Co. Air-fuel ratio controls for engines. 3,173,242, 3–16–65, Cl. 60—13.
Erickson, Carl E. Electric shaver. 3,216,109, 11–9–65, Cl. 30—41.5.
Erickson, Dennis E., and J. S. Messner, to Clark Equipment Co. Lift truck with load handling assembly mounted on a movable frame supported by the steering wheel of the truck. 3,225,949, 12–28–65, Cl. 214—660.
Erickson, Donald L.: *See*—
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Erickson, Edna L. Purses and their method of fabrication. 3,186,461, 6–1–65, Cl. 150—28.
Erickson, Edna L. Method of and means for joining sheets together. 3,207,199, 9–21–65, Cl. 150—30.
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Erickson, Elmer L. Apparatus for producing prestressed concrete article. 3,223,379, 12–14–65, Cl. 249—97.
Erickson, George F., to United States of America, Atomic Energy Commission. Ceramic to metal bonding process. 3,214,833, 11–2–65, Cl. 29—473.1.
Erickson, Gerald, to Snap Pac Corp. Carrying device for cans. 3,203,580, 8–31–65, Cl. 220—102.
Erickson, Gerald J., to Sperry Rand Corp. Parity checking system. 3,196,259, 7–20–65, Cl. 235—153.
Erickson, Gerald T. and R., to Snap Pac Corp. Can carrier clip forming machine. 3,167,815, 2–2–65, Cl. 18—19.
Erickson, Gustav F., to National Rejectors, Inc. Money-handling devices. 3,168,180, 2–2–65, Cl. 194—101.
Erickson, Gustav F., to National Rejectors, Inc. Coin separators. 3,215,242, 11–2–65, Cl. 194—19.
Erickson, Gustav F., and F. J. Melvin, to National Rejectors, Inc. Coin separators. 3,172,522, 3–9–65, Cl. 194—83.
Erickson, Henry, to Sinclair Research Inc. Catalyst demetallization. 3,168,462, 2–2–65, Cl. 208—120.
Erickson, Henry, to Sinclair Research, Inc. Removal of nickel and vanadium from silica based cracking catalyst. 3,168,481, 2–2–65, Cl. 252—412.
Erickson, Henry, to Sinclair Research, Inc. Method for the recovery of metal values from a spent hydrocarbon conversion catalyst. 3,180,706, 4–27–65, Cl. 23—87.
Erickson, Henry, to Sinclair Research, Inc. Removing nickel from cracking catalyst. 3,219,586, 11–23–65, Cl. 252—415.
Erickson, Henry, and G. O. Michaels, to Sinclair Research, Inc. Aromatic alkylation process utilizing a nickel-chromia-silica-alumina catalyst. 3,169,999, 2–16–65, Cl. 260—671.
Erickson, Henry, and H. G. Russell, to Sinclair Research, Inc. Solids contact apparatus and method for effecting the contact. 3,216,951, 11–9–65, Cl. 252—413.
Erickson, Henry, J. P. Gallagher, and H. G. Russell, to Sinclair Research, Inc. Catalyst demetallization. 3,222,293, 12–7–65, Cl. 252—413.
Erickson, Henry, and R. A. Sanford, to Sinclair Research, Inc. Preparation of iron group metal catalysts. 3,223,652, 12–14–65, Cl. 252—439.
Erickson, Henry, H. G. Russell, and R. A. Sanford, to Sinclair Research, Inc. Cracking with poison-resistant catalyst. 3,224,961, 12–21–65, Cl. 208—120.
Erickson, Howard L., to The Dole Valve Co. Sanitizing measuring valve for fluid dispenser. 3,199,747, 8–10–65, Cl. 222—453.
Erickson, Howard L., to The Dole Valve Co. Solenoid assembly with protective enclosure and depending lip. 3,226,606, 12–28–65, Cl. 317—191.
Erickson, Howard L., J. M. Algino, and R. W. Couffer, to The Dole Valve Co. Thermostatic limit control valve. 3,207,435, 9–21–65, Cl. 236—12.
Erickson, Kent E. Interferometric device for determining deviations from planar motion. 3,194,109, 7–13–65, Cl. 88—14.
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Erickson, Lowell H., to M. S. Merrill. Tunable vibration pick-up device. 3,202,847, 8–24–65, Cl. 310—14.
Erickson, Melvin L., to Philco Corp. Signal amplifier of the electron multiplier type. 3,212,021, 10–12–65, Cl. 330—42.
Erickson, Paul N., J. P. Moorhead, H. L. Dunlap, and J. A. Lowing, to Evans Products Co. Freight bracing apparatus. 3,209,707, 10–5–65, Cl. 105—376.
Erickson, Ralph G. Suction operated seed gathering mechanism. 3,212,247, 10–19–65, Cl. 56—126.
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Erickson, Robert A., to Sperry Rand Corp. Weld quality monitoring device for welding machines. 3,191,441, 6–29–65, Cl. 73—432.
Erickson, Robert W., and J. F. Lindell, to Koehring Co. Proportional flow divider. 3,179,120, 4–20–65, Cl. 137—101.
Erickson, Roger D., to Honeywell Inc. Indicating and recording apparatus. 3,181,171, 4–27–65, Cl. 346—109.
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Erickson, Roger D., to Honeywell Inc. Apparatus for recording. 3,225,355, 12–21–65, Cl. 346—109.
Erickson, Roger D., L. J. Girard, and S. F. Drury, to Honeywell Inc. Body function measuring apparatus. 3,192,921, 7–6–65, Cl. 128—2.05.
Erickson, Roy. Shaving method and composition therefor. 3,178,352, 4–13–65, Cl. 167—85.
Erickson, Theodore A., Jr., and F. E. Stark. Air mixer for air streams. 3,180,245, 4–27–65, Cl. 98—38.
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Ericson, Donald E., R. W. Wright, and W. B. Kilgore, to Firwood Mfg. Co. Quadruple post-inflating machine. 3,214,791, 11–2–65, Cl. 18—2.
Ericson, Eric A., to General Electric Co. Mounting devices for busway. 3,212,741, 10–19–65, Cl. 248—58.
Ericson, Ernest A., to Esso Research and Engineering Co. Control system for a pipeline having a plurality of branches. 3,219,050, 11–23–65, Cl. 137—112.
Ericson, Harry A. H., to Sture Granberger, Firma. Nickel plating bath. 3,180,808, 4–27–65, Cl. 204—49.
Ericson, John P., and B. O. Buhrmaster, to All-Steel Equipment Inc. Desk pedestal construction. 3,177,046, 4–6–65, Cl. 312—195.
Ericson, John P., and B. O. Buhrmaster, to All-Steel Equipment Inc. Desk pedestal construction. 3,183,049, 5–11–65, Cl. 312—221.
Ericson, Karl W. Garment drying hanger. 3,207,392, 9–21–65, Cl. 223—85.
Ericson, Merrill D., to Firwood Mfg. Co., Inc. Post-inflating apparatus. 3,164,268, 1–5–65, Cl. 214—1.
Ericson, Richard E., to The Kendall Co. Catheter tubing clamp. 3,176,691, 4–6–65, Cl. 128—349.
Ericson, Walter M., to United States Gypsum Co. Ventilating system using valved ports between panels. 3,204,547, 9–7–65, Cl. 98—40.
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Ericsson, Arvid I., and I. J. Vilcins, to Signode Corp. Strapping tool. 3,198,218, 8–3–65, Cl. 140—93.4.
Ericsson, Eric A., to L. M. Ericsson Telefonaktiebolaget. Traffic between private automatic branch telephone exchanges. 3,211,838, 10–12–65, Cl. 179—27.

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Welsby, Frank E., and Blowers. 3,179,525.
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Eriksen, Paul A. Multiple office form bursting apparatus. 3,190,516, 6–22–65, Cl. 225—101.
Erikson, Adolf, J., and L. B. Smith, to Radio Corp. of America. Memory matrix assembly with separate interconnecting arm members. 3,209,336, 9–28–65, Cl. 340—174.
Erikson, Carl R., and V. Tedeschi, to The Borden Co. Soil erosion control diene latex composition. 3,174,942, 3–23–65, Cl. 260—27.
Erikson, Herman E., to Polaroid Corp. Film unit. 3,201,248, 8–17–65, Cl. 96—76.
Erikson, J Alden, and B. N. McBane, to Pittsburgh Plate Glass Co. Catalyst systems for alkyd resins. 3,179,530, 4–20–65, Cl. 106—263.
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Eriksson, Alf A. A. Reversing device for use primarily in screw thread cutting device. 3,191,449, 6–29–65, Cl. 74—202.
Eriksson, Allan H., to Husqvarna Vapenfabriks Aktiebolag. Zig-zag sewing machine. 3,200,780, 8–17–65, Cl. 112—158.
Eriksson, Bengt, to Atomenergi, Aktiebolaget. Method for cooling a circulating gas in a plant for enrichment of heavy water. 3,188,177, 6–8–65, Cl. 23—204.
Eriksson, Ernst A., to H. J. Atkinson, dba Sudbury Laboratories. Rust preventing capsule. 3,199,665, 8–10–65, Cl. 206—.5.
Eriksson, Ernst A. Electrical connector. 3,215,972, 11–2–65, Cl. 339—72.
Eriksson, John E. Air conditioning device for vehicles with air-cooled engines. 3,202,075, 8–24–65, Cl. 98—2.
Eriksson, Leif J. V. Safety belt controlled vehicle electrical circuit. 3,226,674, 12–28–65, Cl. 340—53.
Eriksson, Nils H. Arrangement for tilting the headlights of motor vehicles and the like from a remote control station. 3,171,603 3–2–65, Cl. 240—61.8.
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Erlandsen, Oscar, to Thurston Erlandsen Corp. Hydrofoil boat. 3,195,495, 7–20–65, Cl. 114—66.5.
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Erlbach, Erich, to International Business Machines Corp. Semiconductor element in which negative resistance characteristics are produced throughout the bulk of said element. 3,215,862, 11–2–65, Cl. 307—88.5.
Erlbacher, Robert W. Gantry crane. 3,164,105, 1–5–65, Cl. 105—27.
Erlemann, Gustav, to Hoffmann-La Roche Inc. Vinyl acetate polyethylene glycol copolymer hair setting composition. 3,188,275, 6–8–65, Cl. 167—87.1.
Erlenbach, David N., to Curtiss-Wright Corp. Motion converter mechanisms for electric windshield wipers. 3,205,723, 9–14–65, Cl. 74—50.
Erler, Jean, R. Peray, and J. Petit, to Commissariat a l'Energie Atomique. Process for the purification of uranium and particularly irradiated uranium. 3,205,068, 9–7–65, Cl. 75—84.1.
Erler, John, Industries, Inc.: *See*—
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Erlich, Victor L., and C. H. Teague, to Reeves Brothers, Inc. Tobacco smoke filter plug. 3,219,043, 11–23–65, Cl. 131—208.
Erlichman, Irving, to Advanced Register, Inc. Coin receiving and recording receptacle. 3,209,885, 10–5–65, Cl. 194—102.
Erlinder, Atwood E. Folding luggage carrier. 3,197,226, 7–27–65, Cl. 280—36.
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Ermlich, John R., to Libbey-Owens-Ford Glass Co. Stress pattern tempered glass sheet and method of making the same. 3,169,900, 2–16–65, Cl. 161—149.
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Erne, Josef. Template for making tenon joints. 3,223,132, 12–14–65, Cl. 144—87.
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Erner, William E., to Air Products and Chemicals, Inc. Process for the production of alkaline cyanates in sulfoxide and sulfone solvents. 3,167,387, 1–26–65, Cl. 23—75.
Erner, William E., to Air Products and Chemicals, Inc. Preparation of substituted imidazoles. 3,177,223, 4–6–65, Cl. 260—309.
Erner, William E., to Air Products and Chemicals, Inc. Method of synthesis of 1-acyl imidazoles. 3,197,476, 7–27–65, Cl. 260—309.
Ernest, Dale S., to Kelsey-Hayes Co. Nozzle adjusting mechanism. 3,200,586, 8–17–65, Cl. 60—35.5.
Ernest, Fred. Door lock devices. 3,207,546, 9–21–65, Cl. 292—341.13.
Ernest, Ivan, and M. Protiva, to SPOFA, Sdruzeni podniku pro zdravotnickou vyrobu. 17-desmethoxy-17*a*-ethyl reserpine. 3,167,558, 1–26–65, Cl. 260—287.
Ernest, Robert O., and C. A. McLeod, to Sunbeam Corp. Clock. 3,177,646, 4–13–65, Cl. 58—2.
Ernestus, Adolph W., to Lockheed Aircraft Corp. Roll-forming method. 3,204,325, 9–7–65, Cl. 29—155.
Ernestus, Adolph W., to N.T.W. Missile Engineering, Inc. Method and apparatus for extrusive rolling of non-cylindrical hollow bodies. 3,222,904, 12–14–65, Cl. 72—91.
Ernestus, Adolph W., to N.T.W. Missile Engineering, Inc. Method of forming tubular metal products by extrusive rolling. 3,222,905, 12–14–65, Cl. 72—91.
Erni, Enrico, to Gesellschaft du Ludw. von Roll'schen Eisenwerke Ag. Apparatus for mixing and purifying fluid mediums. 3,182,977, 5–11–65, Cl. 261—112.
Ernolf, Stig C.-O., to Aktiebolaget Electrolux. Surface treating apparatus. 3,216,047, 11–9–65, Cl. 15—385.
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Ernst, Adolphe O. G., J. P. J. Jardinier, and J. Róna, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Automatic attitude control device for V. T. O. L. 3,169,000, 2–9–65, Cl. 244—76.
Ernst, Adolphe O. G. and F. J.-M. G. Tremouilles, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Multi-nozzle jet propulsion units. 3,180,086, 4–27–65, Cl. 60—35.6.
Ernst, Adolphe O. G., J. P. Jardinier, and J. Rona, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Automatic transition-control device for V.T.O.L. aircraft. 3,193,218, 7–6–65, Cl. 244—76.
Ernst, Alfredo. Hardness measuring apparatus, operated by a single compressive motion. 3,200,640, 8–17–65, Cl. 73—81.
Ernst, Clifford F. Clip board. 3,167,329, 1–26–65, Cl. 281—44.
Ernst, Earl A. Potato grading device. 3,207,309, 9–21–65, Cl. 209—102.
Ernst, Eugen: *See*—
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Ernst, Frederick J., Jr., and F. S. Preston, to United Aircraft Corp. Bombing method. 3,171,324, 3–2–65, Cl. 89—1.5.
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Ernst, John M., to American Machine & Foundry Co. Bowling pin base. 3,178,182, 4–13–65, Cl. 273—82.
Ernst, John M., to American Machine & Foundry Co. Pin and ball handling mechanism for bowling pin spotting machines. 3,201,123, 8–17–65, Cl. 273—43.
Ernst, Leo J. Precision turning and boring attachment. 3,217,572, 11–16–65, Cl. 82—24.
Ernst, Marc H. M., to Les Petits-Fils de Leonard Danel. Process for the reproduction of continuous tone pictures. 3,197,558, 7–27–65, Cl. 178—6.6.
Ernst, Max. Portable battery operable record player. 3,223,422, 12–14–65, Cl. 274—9.
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Porret, Daniel, Fisch, Batzer, and Ernst. 3,165,534.
Porret, Daniel, Fisch, Batzer, and Ernst. 3,210,375.
Ernst, Paul. Apparatus for working on plate-shaped workpieces in conjunction with a machining tool. 3,208,187, 9–28–65, Cl. 51—76.

Ernst, Robert, to Textilana Corp. Piperazino alkylamides of polybasic carboxylic acids. 3,167,554, 1–26–65, Cl. 260—268.
Ernst, Robert, to Gebrueder Buehler. Apparatus for making alimentary paste products. 3,216,375, 11–9–65, Cl. 107—14.
Ernst, Runyon G., to American Metal Climax, Inc. Reduction of germanium dioxide. 3,177,066, 4–6–65, Cl. 75—84.
Ernst, William B., to The National Ideal Co. Laying cage structure. 3,208,430, 9–28–65, Cl. 119—18.
Ernst, William B., to The National Ideal Co. Laying cages. 3,225,741, 12–28–65, Cl. 119—48.
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Erritt, Joseph, to Mrs. Joseph Erritt (Ellen B. Erritt). Spirit level. 3,166,855, 1–26–65, Cl. 33—211.
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Erskine, George B., and S. J. Gartner, to Emporius Specialties Co., Inc. Stud forming and transfer mechanisms. 3,184,-947, 5–25–65, Cl. 72—294.
Erskine, Robert J., to The Wean Engineering Co., Inc. Apparatus for processing strip material. 3,166,266, 1–19–65, Cl. 242—56.
Erson, Erik G., to Westinghouse Air Brake Co. Vent valve device. 3,165,115, 1–12–65, Cl. 137—494.
Erst, Stephen J., to International Telephone and Telegraph Corp. F.M. continuous wave radar system. 3,173,138, 3–9–65, Cl. 343—14.
Ertel, Karl, to Siemens-Schuckertwerke Aktiengesellschaft. Amplifying system including a push-pull preamplifier and output switching amplifier. 3,221,261, 11–30–65, Cl. 330—6.
Erteszek, Olga, to Olga Co. Undergarment for women. 3,164,843, 1–12–65, Cl. 2—212.
Ertl, Dietrich, and W. Steuernagel, to Metallgesellschaft Aktiengesellschaft. Precipitating electrodes for electric filters. 3,197,943, 8–3–65, Cl. 55—154.
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Ervin, Evander M., to The Terrell Machine Co. Tubular saw for cutting, shaping and feeding cylindrical billets. 3,207,191, 9–21–65, Cl. 143—85.
Ervin, Harold D., to TRW Inc. Static control system. 3,211,917, 10–12–65, Cl. 307—88.
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Evans, Harry D., and R. J. Schoofs, to Shell Oil Co. Regeneration of an aluminum halide conversion catalyst. 3,210,292, 10–5–65, Cl. 252—411.
Evans, Harry D., and W. S. Reveal, to Shell Oil Co. Catalyst recovery in molten salt isomerization process. 3,215,754, 11–2–65, Cl. 260—683.75.
Evans, Harry D., and E. E. Young, to Shell Oil Co. Extraction process. 3,222,416, 12–7–65, Cl. 260—674.
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Ewerbring, Lars E. F., to Abitibi Power & Paper Co. Ltd. Process for the manufacture of hard, or semi-hard molded bodies of wood fiber material, preferentially wood fiber boards, having resistant, covering surface. 3,220,900, 11–30–65, Cl. 156—62.2.
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Farrell, Thomas C., to Rockwell Mfg. Co. Compensating apparatus for fluid meter. 3,166,937, 1–26–65, Cl. 73–233.
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Farrow, Cecil W., to Bell Telephone Laboratories, Inc. Point matrix display unit for testing logic circuit. 3,179,883, 4–20–65, Cl. 324—73.
Farrow, Frederic W. R., to Associated Electrical Industries Ltd. Thermionic valve cathode. 3,191,089, 6–22–65, Cl. 313—270.
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Fasig, Stanley M., and G. C. Johnson, to United States of America, Navy. Submarine signal fuze. 3,199,453, 8–10–65, Cl. 102—7.
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Faulhaber, Fritz. Permanent magnet miniature motor. 3,191,081, 6–22–65, Cl. 310—154.
Faulhaber, Roland A., to Trorel Mfg. Co. Saddle construction. 3,185,522, 5–25–65, Cl. 297—214.
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Faure, Daniel. Servo-control device for raising tractor-hauled equipment. 3,194,319, 7–13–65, Cl. 172—9.
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Fauser, Ernest E., and F. S. Farson, to The Goodyear Tire & Rubber Co. Destruction of unreacted isocyanato groups in polyurethane elastomers by exposure to steam. 3,190,857, 6–22–65, Cl. 260—77.5.
Faust, Claude M., and R. T. Fox. Electric signalling system for remotely spaced stations. 3,176,272, 3–30–65, Cl. 340—147.
Faust, Donald M., to Cascade Corp. Article-handling apparatus with pusher and anchor means mounted on a vertically movable subframe. 3,197,053, 7–27–65, Cl. 214—514.
Faust, Francis S., to R. G. Wright Co., Inc. Trash and garbage can washer. 3,203,437, 8–31–65, Cl. 134—148.
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Faust, Martin H., to Penn-Dale Knitting Mills, Inc. Foundation garment. 3,178,911, 4–20–65, Cl. 66—177.
Faust, Walter, to Telefoban and Normalzeit G.m.b.H. Device for making strips of predetermined length from a sheet material wound to form a roll. 3,170,614, 2–23–65, Cl. 226—134.
Faust, William A., to A. O. Smith Corp. Heavy duty spot welding apparatus and method. 3,200,235, 8–10–65, Cl. 219—127.
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Favin, David L., to Bell Telephone Laboratories, Inc. Test-signal generator producing outputs of different frequencies and configurations from flip-flops actuated by selectively phased pulses. 3,188,486, 6–8–65, Cl. 307—88.5.
Favre, Edward A. Tape dispenser. 3,187,968, 6–8–65, Cl. 225—56.
Favre, Jacques J. Multi-purpose stocking assembly. 3,169,640, 2–16–65, Cl. 211—126.
Favre, John A., to Phillips Petroleum Co. Method of making inherently stable jet fuels. 3,216,929, 11–9–65, Cl. 208—312.
Favre, Maurice, to United States of America, Army. Sole for M-type travelling wave tubes. 3,182,225, 5–4–65, Cl. 315—39.3.
Favre, Maurice, to Compagnie Generale de Telegraphie Sans Fil. Magnetic field strength reduction near collector of M-type travelling wave tube. 3,197,672, 7–27–65, Cl. 315—39.3.
Favre, Robert, to Fabriques Movado. Time base, preferably for an electric time measuring device. 3,173,036, 3–9–65, Cl. 310—15.
Favre, Robert. Oscillating timing unit electromagnetic drive. 3,217,191, 11–9–65, Cl. 310—36.
Favre, Robert, to Manufacture des Montres Universal Perret Freres SA. Coupling system for the stages of a bidirectional pulse counter. 3,218,507, 11–16–65, Cl. 315—84.6.
Favret, Maxime A., and J. Egger, to The United States Time Corp. Balance wheel assembly for an electric timepiece. 3,186,157, 6–1–65, Cl. 58—28.
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Fawcett, Frank S., and W. C. Smith, to E. I. du Pont de Nemours and Co Perfluoroalkyl isothiocyanates. 3,174,988, 3–23–65 Cl. 260—454.
Fawcett, Frank S., and R. D. Smith, to E. I. du Pont de Nemours and Co. Novel polyfluoro-substituted ketones and their preparation from polyfluoro acid fluorides. 3,185,734, 5–25–65, Cl. 260—586.
Fawcett, Sydney, and R. H. Campbell, to United Kingdom Atomic Energy Authority. Control systems for nuclear reactors. 3,207,669, 9–21–65, Cl. 176—24.
Fawdry, Charles F., and E. G. White, to Headley Townsend Backhouse. Suction grippers. 3,223,442, 12–14–65, Cl. 294—64.
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Eakin, John V. 3,173,527.
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Fawkes, Donald G., to Henry Pratt Co. Expansion joint. 3,164,401, 1–5–65, Cl. 285—229.
Fawkes, Donald G., to Henry Pratt Co. Self-locking rotary operator. 3,187,861, 6–8–65, Cl. 192—8.
Fawkes, Donald G., to Henry Pratt Co. Butterfly valve having adjustable means for the valve seat-engaging surface. 3,204,928, 9–7–65, Cl. 251—307.
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Fay, Lawrence J., to Equipto Electronics Corp. Cabinet with an invertible horizontal or sloped work writing top. 3,189,394, 6–15–65, Cl. 312—231.
Fay III, Louis E., to Ex-Cell-O Corp. Magnetic recording by means of a thermal transducer. 3,187,335, 6–1–65, Cl. 346—74.
Fay, Norman D., and V. Clemenceau, to Morgan Construction Co. Coil compactor. 3,212,429, 10–19–65, Cl. 100—7.
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Fay, Rudolph J. Apparatus for producing edible dough products. 3,205,837, 9–14–65, Cl. 107—8.
Fayed, James J. Runway clearing apparatus for snow and ice. 3,196,863, 7–27–65, Cl. 126—271.2.
Fayman, David L., to Oread Electronics Laboratory, Inc. Apparatus for accurately multiplying the frequency of an electrical signal of any frequency within a given range of frequencies. 3,223,928, 12–14–65, Cl. 328—23.
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Feagin, Frank J., M. R. MacPhail, and W. M. Rust, Jr., to Esso Production Research Co. Interpretation of geophysical data. 3,209,134, 9–28–65, Cl. 235—181.
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Featherston, John R., to International Business Machines Corp. Signal selecting system with switching at the interstice between data increments. 3,213,370, 10–19–65, Cl. 325—304.
Featherston, Robert R. Carburetor control. 3,171,467, 3–2–65, Cl. 158—36.3.
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Fechheimer, Paul R., to Cherry-Burrell Corp. Flow regulating means for container filling machines and method. 3,195,585, 7–20–65, Cl. 141—1.
Fechner, Walter W. Spherical ball including an internal resilient hand grip. 3,185,476, 5–25–65, Cl. 273—58.
Fecho, Rhine G., to Whirlpool Corp. Method of breaking adhesion of wet clothes to the walls of a rotary extractor. 3,194,398, 7–13–65, Cl. 210—78.
Fecho, Rhine G., and D. A. Johnson, to Whirlpool Corp. Anti-chatter solenoid. 3,185,902, 5–25–65, Cl. 317—184.
Fechter, Joan P. Alley traversing mechanism for setting pins and for delivering balls and downed pins to the bowler. 3,220,728, 11–30–65, Cl. 273—43.
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Feduska, William, and W. L. Horigan, Jr., to Westinghouse Electric Corp. Diffusion-bonding of metal members. 3,188,732, 6–15–65, Cl. 29—471.1.
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Fein, Marvin M., and J. Bobinski, to Thiokol Chemical Corp. Method of preparing organoboron compounds. 3,169,148, 2–9–65, Cl. 260—606.5.

Fein, Marvin M., and J. Bobinski, to Thiokol Chemical Corp. Reaction products of cyanamides and boranes and their preparation. 3,190,915, 6–22–65, Cl. 260—551.

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Fein, Marvin M., and B. Groten, to Thiokol Chemical Corp. Polymeric products prepared by the reaction of diisocyanates and bis amino decarboranes. 3,203,985, 8–31–65, Cl. 260—553.

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Feinberg, Albert E., and E. Czernobil, to Advance Transformer Co. Method of making laminated electromagnetic cores and product resulting therefrom. 3,222,626, 12–7–65, Cl. 336—210.

Feinberg, Irving, to Curtiss-Wright Corp. Monopulse radar beam simulation. 3,171,880, 3–2–65, Cl. 35—10.4.

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Fekete, Frank, to Union Carbide Corp. Organosilicon compounds containing phosphorus and nitrogen. 3,203,923, 8–31–65, Cl. 260—46.5.

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Fekete, Frank, P. J. Keenan, and W. J. Plant, to H. H. Robertson Co. Ethylenically unsaturated dihydroxy diesters. 3,221,043, 11–30–65, Cl. 260—475.

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Feldman, Eugene S., and O. Wing. Multiple lingual television in a multiplex broadcast system. 3,221,098, 11–30–65, Cl. 178—5.8.

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Felter, John V. Diffusers. 3,170,387, 2–23–65, Cl. 98—40.
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Felts, John A., to General Precision, Inc. Disc-type adjustable circulating register for binary signals. 3,173,135, 3–9–65, Cl. 340—174.1.
Felts, John A., to General Precision Inc. Spring mounted head for disc memory. 3,177,495, 4–6–65, Cl. 346—74.
Felts, John A., to General Precision, Inc. Flying magnetic head assembly. 3,197,751, 7–27–65, Cl. 340—174.1.
Felts, Robert, to United States of America, Army. Three dimensional data display system. 3,178,714, 4–13–65, Cl. 346—8.
Felts, Wallace M., to Fruehauf Trailer Co. Support for hydraulic cylinder. 3,175,708, 3–30–65, Cl. 214—82.
Felts, William C., and S. A. Manning, to International Business Machines Corp. Document transporting apparatus. 3,179,404, 4–20–65, Cl. 271—57.
Fend, Heinrich, and H. Hentz, to Machine Tool Works Oerlikon Administration Co. Device for piling-up a weft-thread for looms. 3,195,580, 7–20–65, Cl. 139—224.
Fender, Clarence L. Electric guitar incorporating separate pickups for the wound and unwound strings. 3,177,283, 4–20–65, Cl. 84—1.16.
Fender Electric Instrument Co., Inc.: *See*—
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Fender, Norman N., to Universal American Corp. Mechanism control. 3,188,883, 6–15–65, Cl. 74—534.
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Feng, Shao C., to Sperry Rand Corp. Current adder type logic circuit. 3,191,057, 6–22–65, Cl. 307—88.5.
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Fenger, Nicholas and J. R., to Fluid Power, Inc. Low pressure alarm assembly. 3,224,409, 12–21–65, Cl. 116—70.
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Fenner, Ralph L., to Berkeley Instruments. System, apparatus and method for recording and sensing. 3,218,647, 11–16–65, Cl. 346—74.
Fenner, Ralph L., K. C. Yarborough, A. E. Williams, and C. H. Jansen. Weather recording station. 3,224,268, 12–21–65, Cl. 73—189.
Fenner, Ramon C. Automatic starting system for engines. 3,220,397, 11–30–65, Cl. 123—179.
Fenner, Robert M., and D. E. Hamilton. Portable supporting structure for gymnastic equipment. 3,201,119, 8–17–65, Cl. 272—62.
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Fertig, Glenn H., and A. C. Billetdeaux, to Mine Safety Appliances Co. Fluid analyzer and transducer circuit therefor. 3,206,597, 9–14–65, Cl. 250—43.5.

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Fertig, Joseph, A. I. Goldberg, and M. Skoultchi, to National Starch and Chemical Corp. Azobenzene containing polymeric compositions capable of being integrally colored and which are resistant to ultra-violet light. 3,190,861, 6–22–65, Cl. 260—86.1.

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Fields, Ellis K., to Standard Oil Co. Copolymers of dialkenyl sulfone and ethylenically unsaturated monomers. 3,173,-870, 3–16–65, Cl. 252—47.5.
Fields, Ellis K., to Standard Oil Co. Carboxyarylphosphonates. 3,178,469, 4–13–65, Cl. 260—461.
Fields, Ellis K., to Standard Oil Co. Dialkyl trihalomethylphosphonate-olefin adducts. 3,193,570, 7–6–65, Cl. 260—461.
Fields, Ellis K., to Standard Oil Co. Lubricants containing benzalalkylimine copolymers. 3,206,404, 9–14–65, Cl. 252—50.
Fields, Eugene J.: *See*—
Kramer, Bruce E., and Fields. 3,181,964.
Fields, John H., C. H. Propster, Jr., and D. W. Masters, to General Electric Co. Data processing system including plural peripheral devices with means for the selection and operation. 3,225,334, 12–21–65, Cl. 340—172.5.
Fields, Joseph E.: *See*—
Johnson, John H., and Fields. 3,210,147.
Fields, Joseph E., to Monsanto Co. Hydrocarbon oils of reduced foaming properties. 3,166,508, 1–19–65, Cl. 252—51.5.
Fields, Joseph E., and E. H. Mottus, to Monsanto Co. Mineral oil composition. 3,192,165, 6–29–65, Cl. 252—56.
Fields, Joseph E., and J. H. Johnson, to Monsanto Co. Mineral oil compositions. 3,201,351, 8–17–65, Cl. 252—56.
Fields, Lawrence L., and G. R. Johns, to Sinclair Research, Inc. Sampling apparatus. 3,218,869, 11–23–65, Cl. 73—425.4.
Fields, Louis G. Blood oxygenator and pump apparatus. 3,204,631, 9–7–65, Cl. 128—214.
Fields, Mack R., to Roehr Products Co., Inc. Tamper proof closure. 3,208,649, 9–28–65, Cl. 222—541.
Fields, Mack R., to Roehr Metals & Plastics Co. Closure and method of making same. 3,224,616, 12–21–65, Cl. 215—7.
Fields, Marvin C., and R. D. Rice, to United States Steel Corp. Method of recovering ammonia. 3,186,795, 6–1–65, Cl. 29—196.
Fields, Paul R., M. H. Zirin, and L. Stein, to United States of America, Atomic Energy Commission. Process of making radon fluoride and of separating rare gases from each other. 3,185,548, 5–25–65, Cl. 23—205.
Fields, Reuben T., to E. I. du Pont de Nemours and Co. Extrusion apparatus. 3,170,190, 2–23–65, Cl. 18—12.
Fields, Roger Q., to Schlumberger Well Surveying Corp. Well bore apparatus. 3,174,547, 3–23–65, Cl. 166—55.1.
Fields, Thomas L.: *See*—
Wilkinson, Raymond G., Fields, and Kende. 3,192,235.
Fields, Thomas L., R. G. Wilkinson, and A. S. Kende, to American Cyanamid Co. Substituted 4,10-dioxo-5-hydroxy-1,2,3,4,4a,9,9a,10-octahydroanthracenes. 3,167,579, 1–26–65, Cl. 260—465.
Fields, Thomas L., R. G. Wilkinson, and A. S. Kende, to American Cyanamid Co. Substituted 2-nitromethyl-4, 10-dioxo-5 - hydroxy-1,2,3,4,4a,9,9a,10-octahydroanthracenes. 3,192,-250, 6–29–65, Cl. 260—471.
Fieldsend, Peter C., to Girling Ltd. Braking systems for vehicles. 3,165,177, 1–12–65, Cl. 188—152.
Fieldsend, Peter C., to Girling Ltd. Dual pedal actuating mechanism. 3,178,961, 4–20–65, Cl. 74—480.
Fieni, Walter, to Francaise du Ferodo, Societe Anonyme. Means for extracting air from the body of a vehicle. 3,202,-076, 8–24–65, Cl. 98—2.
Fierce, William L.: *See*—
Millikan, Allen F., Fierce, and Weichman. 3,164,546.
Weichman, Roger L., and Fierce. 3,222,123.
Weichman, Roger L., and Fierce. 3,223,723.
Fierce, William L., and A. F. Millikan, to The Pure Oil Co. Process for removing sulfur from Diesel oils. 3,197,400, 7–27–65, Cl. 208—231.
Fierce, William L., W. J. Sandner, and R. L. Weichman, to The Pure Oil Co. Method of preparing cyanogen. 3,199,-951, 8–10–65, Cl. 23—151.
Fierstine, Burton A., to General Motors Corp. Ball joint unit with combination thread protector and seal retainer. 3,199,-902, 8–10–65, Cl. 287—87.
Fies, Richard D., and W. W. Johnston, to West-Wood Processing Corp. Process of drying wood by oil immersion and vacuum treatment to selected moisture content with oil recovery. 3,205,589, 9–14–65, Cl. 34—9.5.
Figenshau, James K., and W. H. Hainer, to General Mills, Inc. Billet handling apparatus. 3,198,366, 8–3–65, Cl. 214—652.
Figge, Carroll C. Safety float valve. 3,191,799, 6–29–65, Cl. 220—90.
Figge, Carroll C. Tubeless heating kettle. 3,220,403, 11–30–65, Cl. 126—343.5.
Figgles, John L.: *See*—
Dallas, Alexander G., and Figgles. 3,181,355.
Figley, Donald E., to Mid-West Abrasive Co. Mechanism for rotating slabs and billets. 3,182,817, 5–11–65, Cl. 214—1.
Figurski, Leonard J. Removable wall panel and separate cabinet simulating fireplace and flue therefor. 3,216,774, 11–9–65, Cl. 312—204.
Fike, Harold L., to International Minerals & Chemical Corp. Hydrolysis of pyrrolidone carboxylic acid. 3,178,474, 4–13–65, Cl. 260—534.
Fike, Louis T., to Super Mold Corp. of California. Electric heating unit for tire matrices. 3,170,193, 2–23–65, Cl. 18—38.
Fike Metal Products Corp.: *See*—
Porter, Louis M. 3,169,658.
Fikenscher, Friedrich, to L. & C. Steinmuller, G.m.b.H. Multi-stage spring band air preheater. 3,189,083, 6–15–65, Cl. 165—7.
Fikentscher, Hans, K. Herrle, L. Schlemmer, and H. Wagner, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of cast films from polyvinyl chloride or vinyl chloride copolymers. 3,171,873, 3–2–65, Cl. 264—216.
Fikentscher, Hans, K. Herrle, G. Winter, A. Mueller, J. G. Reich, and H. Voss, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process of surface sizing paper with stable cation-active plastic dispersions. 3,174,874, 3–23–65, Cl. 117—155.
Fikentscher, Rolf: *See*—
Brandeis, Hans, Petersen, and Fikentscher. 3,190,741.
Brandeis, Hans, Petersen, and Fikentscher. 3,190,742.
Filak, Andrew M. Modular docking and utility system. 3,191,565, 6–29–65, Cl. 114—.5.
Filander, Arthur H., to The Black and Decker Mfg. Co. Quick release latching means for separable case adapted to be telescoped within a housing. 3,186,878, 6–1–65, Cl. 136—173.
Filander, Arthur H., to The Black and Decker Mfg. Co. Trigger locking means for hand-portable power-operated device. 3,194,084, 7–13–65, Cl. 74—527.
Filbey, Allen H.: *See*—
Coffield, Thomas H., and Filbey. 3,175,010.
Coffield, Thomas H., and Filbey. 3,192,910.
Filbey, Allen H., to Ethyl Corp. Cyclopentadiene iron tricarbonyls. 3,178,463, 4–13–65, Cl. 260—439.
Filchak, Robert W.: *See*—
Malone, Homer F., and Filchak. 3,171,925.
File, William G. Stock tank water heater. 3,186,402, 6–1–65, Cl. 126—360.
Filer, James L.: *See*—
Walker, Glenn L., and Filer. 3,208,489.
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Files, William C., to McGraw-Edison Co. Operating means for tub door. 3,165,226, 1–12–65, Cl. 220—41.
Filia, George J., to Sargent & Co. Hand tool. 3,204,445, 9–7–65, Cl. 72—410.
Filipov, Alexander M., to United States of America, Navy. Simulated radiation detector. 3,208,159, 9–28–65, Cl. 35—1.
Filipowicz, Edwin A., to Fort Howard Paper Co. Dispenser with spring-urged pusher plate. 3,208,636, 9–28–65, Cl. 221—57.
Filipowicz, Edwin, to American Can Co. Dispenser. 3,214,-227, 10–26–65, Cl. 312—71.
Filipowsky, Richard F. J., to Westinghouse Electric Corp. Phaseproof pulse signal transmission system utilizing binary to quaternary conversion means. 3,183,442, 5–11–65, Cl. 325—40.
Filipski, Stanley P., H. R. Miller, and A. J. Newman, to Union Carbide Corp. Gas arc welding with argon-hydrogen mixture. 3,226,523, 12–28–65, Cl. 219—74.
Fill, Metro, to Canada Packers Ltd. Shoulder area hide puller. 3,220,051, 11–30–65, Cl. 17—21.
Filler, William S., to United States of America, Navy. Explosive driven conical shock tube. 3,184,955, 5–25–65, Cl. 73—35.
Filler, William S. Explosive forming of metals employing a conical shock tube. 3,195,334, 7–20–65, Cl. 72—56.
Fillery, William J., to Short Brothers & Harland Ltd. Guidance apparatus for aircraft in landing. 3,204,218, 8–31–65, Cl. 340—25.
Filling, James H.: *See*—
Wise, Harold F., Filling, Nelson, and Wharton. 3,173,-830.

Fillion, Romeo, to Chantier Maritime de St.-Laurent (Quebec) Inc.-St. Lawrence Shipyards (Quebec) Inc. Towing and hoisting crane for fishing vessels. 3,180,622, 4–27–65, Cl. 254—137.
Fillion, Stanley H., to Waugh Equipment Co. Railway cars for transporting cylindrical objects. 3,186,357, 6–1–65, Cl. 105—367.
Fillmore, William E., to Owens-Illinois Glass Co. Iiquid applicators. 3,179,972, 4–27–65, Cl. 15—565.
Fillod, F., F.S.A.: *See*—
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Fillon, Jacques D.: *See*—
Namy, Gerald, and Fillon. 3,190,747.
Namy, Gerald, and Fillon. 3,194,651.
Fillon, Jacques D., to Institut de Recherches de la Siderurgie Francaise. Method and arrangement for measuring continuously the change of the carbon content of a bath of molten metal. 3,181,343, 5–4–65, Cl. 73—23.
Fillweber, Marcellus I., to Dominion Electric Corp. Coupling construction. 3,190,885, 6–22–65, Cl. 64—8.
Film Instruments & Accessories, Inc.: *See*—
Gittler, Allan, and Gross. 3,173,536.
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Champagnat, Alfred, and Filosa. 3,193,390.
Filosa, Louis F.: *See*—
Simeone, Mario J., and Filosa. 3,215,536.
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Anderson, Earl R. 3,217,767.
Kilner, George E. 3,179,137.
Kilner, George E., and McGihon. 3,199,652.
Kilner, George E., and Perrelli. 3,179,139.
McClelland, Etheridge R., and Kilner. 3,194,290.
Rodrigues, Anthony F. 3,179,232.
Filson, George W., to United States of America, Air Force. Combination bed, chair, desk and lounge structure for space vehicles. 3,206,775, 9–21–65, Cl. 5—118.
Filter, Harold E., and R. J. Pueschner, to The Dow Chemical Co. Aqueous latexes of heat-curable elastomers containing carboxylic acid groups. 3,177,173, 4–6–65, Cl. 260—29.7.
Filters, Inc.: *See*—
Cutler, Mac C. 3,186,552.
Filtex Corp., The: *See*—
Stevens, Clarence E. 3,166,393.
Filto Pipes, Inc.: *See*—
Smith, Robert L. 3,170,468.
Filtration & Water Softening Proprietary Ltd.: *See*—
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Filtron Co., Inc., The: *See*—
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Reynolds, Martin R. 3,164,840.
Filtrona Filter G.m.b.H.: *See*—
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Finch, George I.: *See*—
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Finch, Gerald H., to Thot Research, Inc. Stringed instrument of the viol type. 3,186,288, 6–1–65, Cl. 84—275.
Finch, Herbert I., Jr. Hose supporter clasp. 3,163,907, 1–5–65, Cl. 24—248.
Finch, Horace T., to The Birtcher Corp. Compound ultrasonic transducer and mounting means thererfor. 3,198,489, 8–3–65, Cl. 259—1.
Finch, Jack N.: *See*—
Gregg, Robert Q., and Finch. 3,166,537.
Finch, Lester M.: *See*—
Astley, Eugene R., Finch, and Hennig. 3,212,982.
Finch, Nigel. Crop-handling vehicles. 3,173,563, 3–16–65, Cl. 214—519.
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May, Russell P. 3,204,805.
Finckel, William H., Jr.: *See*—
Gish, Lyman C., and Finckel. 3,198,380.
Findeis, Stephan. Automatically controlled machine. 3,215,011, 11–2–65, Cl. 82—14.
Findeisen, Gerhard, to Mannesmann Aktiengesellschaft. Method of making readily disintegrating projectile cores for practice ammunition. 3,216,358, 11–9–65, Cl. 102—91.
Findlay, Jack B., and T. A. Middlesworth, to International Harvester Co. Directional control valve. 3,213,881, 10–26–65, Cl. 137—596.
Findlay, John S., to Memory Systems of Missouri, Inc. High speed aerial camera shutter. 3,191,515, 6–29–65, Cl. 95—57.
Findlay, Robert A., to Phillips Petroleum Co. Fractional crystallization control system. 3,222,880, 12–14–65, Cl. 62—58.
Findley, Howard J., to Textron Inc. Gear finishing apparatus. 3,169,349, 2–16–65, Cl. 51—52.
Findley, Howard J., to Textron Inc. Method and apparatus for cutting material. 3,174,404, 3–23–65, Cl. 90—24.
Findley, Howard J., to Textron Inc. Pattern controlled tool. 3,202,024, 8–24–65, Cl. 82—14.
Findley, Samuel A.: *See*—
Meyer, Robert B., and Findley. 3,183,475.
Findley, Samuel A., and R. B. Meyer, to Kingston Products Corp. Upright vacuum cleaner. 3,193,992, 7–13–65, Cl. 55—367.
Findley, Samuel A., and F. C. Rieger, to Kingston Products Corp. Selector assembly floor shift with clutch control. 3,202,246, 8–24–65, Cl. 192—3.5.
Findley, Thomas W., and H. E. Saewert, to Swift & Co. Watersoluble polymers of epoxidized fats. 3,180,749, 4–27–65, Cl. 106—243.
Findley, Thomas W., and R. J. Johnson, to Swift & Co. Core oils comprising maleic anhydride adducts and reaction products of vic-epoxy esters, caprolactam and polyamines. 3,220,963, 11–30–65, Cl. 260—18.
Findlow, Eric, and R. Holden, to Ernest Scragg & Sons Ltd. Device for preventing sloughing of yarn convolutions from a bobbin. 3,212,728, 10–19–65, Cl. 242—128.
Fine, Arnold M., to Sperry Rand Corp. Moving target indicator for a stacked-beam coherent radar. 3,201,789, 8–17–65, Cl. 343—7.7.
Fine, C. Robert. Method and apparatus for production of sound motion films and sound recordings. 3,196,454, 7–20–65, Cl. 352—5.
Fine, Harry H., to I. Silver, and B. K. Fine. Drum-multiple seal gasket. 3,204,811, 9–7–65, Cl. 220—46.
Fine, Homer L., and L. D. Mark. Oscillating conveyor bunk feeder. 3,205,859, 9–14–65, Cl. 119—52.
Fine, James A. Golf putter with wheel-supported head. 3,220,730, 11–30–65, Cl. 273—77.
Fine, Norman M.: *See*—
Powers, Howard A., Thomas, and Fine. 3,173,531.
Finefield, Kenneth F. Signalling device for fishing rods. 3,188,767, 6–15–65, Cl. 43—17.
Finelli, Anthony F., to The Goodyear Tire & Rubber Co. Cured composition prepared from mixture of polypropylene glycol ether diisocyanate, aromatic diamine and cellulosic filler. 3,203,913, 8–31–65, Cl. 260—9.
Finelli, Patrick L.: *See*—
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Finelt, Aron. Adjustable flow control valve for fuel gas. 3,165,117, 1–12–65, Cl. 137—614.17.
Fineman, Harold, to Girling Ltd. Flexible sealing boots or dust covers. 3,181,376, 5–4–65, Cl. 74—18.2.
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Finestone, Arnold B.: *See*—
Pavlin, James S., and Finestone. 3,189,570.
Pavlin, James S., and Finestone. 3,189,571.
Finestone, Arnold B., and J. S. Pavlin, to Foster Grant Co., Inc. Stabilization of styrene-acrylonitrile polymers with alkyl-substituted phenols and vic-epoxy compounds. 3,189,569, 6–15–65, Cl. 260—23.
Finestone, Arnold B., and J. S. Pavlin, to Foster Grant Co., Inc. Use of acyl peroxides as catalysts in the preparation of acrylonitrile-styrene-alpha-methylstyrene terpolymers. 3,201,375, 8–17–65, Cl. 260—80.5.
Finger, Benjamin M.: *See*—
Bolger, James W., and Finger. 3,174,973.
Finger, Charles E., to Hickory Spinners, Inc. Conveyor system for yarn processing machines. 3,219,171, 11–23–65, Cl. 198—40.
Finger Keys, Inc.: *See*—
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Fingerett, Joseph A.: *See*—
Adams, Paul R., Fingerett, and von Buelow. 3,204,088.
Fingerhut, Solomon M., R. Marchant, and R. L. Metcalf, to Minnesota Mining and Mfg. Co. Method for making a ceramic tile faced panel. 3,177,273, 4–6–65, Cl. 264—90.
Fingerle, William, Jr., to Budelman Electronics Corp. Telephone repeater. 3,177,302, 4–6–65, Cl. 179—170.
Fingerle, William, Jr., and E. F. Howlett, to Budelman Electronics Corp. Voice frequency hybrid telephone repeater. 3,177,303, 4–6–65, Cl. 179—170.
Fingerlos, Ernest H., to Eltra Corp. Dual indicator attachment for phototypographical machines. 3,226,017, 12–28–65, Cl. 234—5.
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Fink, Abraham A., and J. J. Sandmeyer, said Sandmeyer assor. to said Fink. Fluid pump. 3,194,164, 7–13–65, Cl. 103—44.
Fink, Armin. Shuttle, clamp and bobbin. 3,173,453, 3–16–65, Cl. 139—207.
Fink, Charles, to Litton Systems, Inc. Lobe switching directional antenna with directional couplers for feeding and phasing signal energy. 3,222,677, 12–7–65, Cl. 343—854.
Fink, Charles H. Guard for nail clipper. 3,169,312, 2–16–65, Cl. 30—28.
Fink, Donald G., to Philco Corp. Stereophonic indicating apparatus for facilitating adjustment of stereophonic reproduction equipment. 3,206,550, 9–14–65, Cl. 179—1.
Fink, James E., to The Ryan Aernonautical Co. Method of packing and deploying a foldable wing. 3,198,458, 8–3–65, Cl. 244—49.
Fink, John W.: *See*—
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Fink, Louis. Practice golf ball removably tethered to a mat. 3,164,386, 1–5–65, Cl. 273—198.
Fink, Marvin J., to General Motors Corp. Symmetrical self-blocking oscillator with symmetrical starting circuit. 3,188,580, 6–8–65, Cl. 331—113.
Fink, Miller H., to A. B. Chance Co. Dielectric ladder. 3,225,862, 12–28–65, Cl. 182—46.
Fink, Roger H., to Essex Wire Corp. Push button switch with leaf spring contacts. 3,164,707, 1–5–65, Cl. 200—159.
Fink, Walter, to Monsanto Co. Process for preparing alpha-chloroaldehydes and alpha-chloroketones. 3,164,612, 1–5–65, Cl. 260—340.
Fink, Walter, to Monsanto Co. Organosiloxane nitrates. 3,222,319, 12–7–65, Cl. 260—46.5.
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Blanchard, Harry S., and Finkbeiner. 3,219,626.
Finke, Arno, to Windmoller & Holscher. Inking drive and interrupter for multicolor aniline printing machine. 3,196,787, 7–27–65, Cl. 101—182.
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Militano, Vincent. 3,177,883.
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Ross, Sidney D., Petersen, and Finkelstein. 3,214,650.
Finkelstein, Martin J. Regulated power supply systems. 3,174,093, 3–16–65, Cl. 323—9.
Finken, Warren E., to General Motors Corp. Automatic parking light system for motor driven vehicle. 3,206,637, 9–14–65, Cl. 315—83.
Finkenbeiner, Gerhard. Tone generator. 3,198,872, 8–3–65, Cl. 84—1.04.
Finkenzeller, Howard B., to Virjune Mfg. Co., Inc. Refillable thin lipstick holder. 3,216,563, 11–9–65, Cl. 206—56.
Finkl, A., & Sons Co.: *See*—
Finkl, Charles W. 3,206,302.
Finkl, William F. 3,165,402.
Finkl, Charles W., to A. Finkl & Sons Co. Method for degassing molten metal under high vacuum. 3,206,302, 9–14–65, Cl. 75—49.
Finkl, William F., to A. Finkl & Sons Co. Alloy steel and method of heat treatment therefor. 3,165,402, 1–12–65, Cl. 75—128.
Finkle, Lewis C., to Wedgelock Corp. of California. Fastening device. 3,196,734, 7–27–65, Cl. 85—81.
Finkle, Lewis C., and K. V. Stewart, to Wedgelock Corp. Releasable fastener. 3,202,037, 8–24–65, Cl. 85—81.
Finkle, Sam M. Fire detecting device. 3,226,703, 12–28–65, Cl. 340—237.
Finlay, Walter L., and P. F. Darby, and C. E. Newcomb, to Crucible Steel Co. of America. Metal working process and apparatus. 3,180,024, 4–27–65, Cl. 29—528.
Finlayson, Frank E., and A. G. Swenson, to General Electric Co. Steam and liquid spray iron. 3,183,610, 5–18–65, Cl. 38—77.
Finlayson, Logan J., and E. H. Cagley, to W. H. Kistler Stationery Co. Method of forming coded cards for data-processing machines. 3,198,048, 8–3–65, Cl. 83—36.
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Fotsch, Arthur H., Finley, Ross, and Fischer. 3,188,890.
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Finlon, Francis P., and R. M. Seeley, Jr., to United States of America, Navy. Stable-limited input circuit for a bistable comparator. 3,213,293, 10–19–65, Cl. 307—88.5.
Fin 'N Feather Farm, Inc.: *See*—
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Finn, George B., Jr., and R. C. Parsons, to Sarkes Tarzian, Inc. Method of manufacturing semiconductor devices. 3,166,449, 1–19–65, Cl. 148—177.
Finn, George B., Jr., E. J. Diebold, G. J. Eannarino, and D. E. Cooper, to International Rectifier Corp. High current rectifier employing a plurality of wafers having respective fuse elements. 3,226,603, 12–28–65, Cl. 317—101.
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Finn, John J., and E. Meng, to Electro-Therm, Inc. Heating element hinge assembly having opposed channeled arms. 3,171,158, 3–2–65, Cl. 16—142.
Finn, John J., ½ to Glenn Electric Heater Corp. Immersion heater. 3,172,993, 3–9–65, Cl. 219—336.
Finn, John J., ½ to Glenn Electric Heater Corp. Oven temperature control. 3,185,392, 5–25–65, Cl. 236—15.
Finn, John J., ½ to Glenn Electric Heater Corp. Immersion heater control. 3,187,161, 6–1–65, Cl. 219—331.
Finn, Thomas J. Fastener dispensing apparatus. 3,167,170, 1–26–65, Cl. 198—33.
Finnegan, James F., to D.K. Mfg. Co. Method of and apparatus for storing and preserving granular material. 3,214,221, 10–26–65, Cl. 302—17.
Finnegan, Walter D., and M. J. Finlayson, to Kaiser Aluminum & Chemical Corp. Aluminum alloy and article. 3,168,381, 2–2–65, Cl. 29—197.5.
Finnemann, Mike A., to Antler Corp. Classroom easel. 3,190,603, 6–22–65, Cl. 248—450.
Finnerty, John A., to M. L. Berman, H. H. Gross, R. S. Rogers, and J. M. Poster. Magazine-loaded sound motion picture projector. 3,176,310, 3–30–65, Cl. 352—29.
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Fiore, Joseph V., H. A. Hooper, M. S. Monte, R. J. Moshy, and O. K. Schmidt. Tobacco manufacture. 3,185,161, 5–25–65, Cl. 131—17.
Fiore, Joseph V., H. A. Hooper, M. S. Monte, R. J. Moshy, and O. K. Schmidt, to American Machine & Foundry Co. Process for making reconstituted sheet tobacco. 3,185,162, 5–25–65, Cl. 131—140.
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Fiore, Vincent J., to Foundation Specialties, Inc. Pile driving hammer and boulder breaker, rock seating tool. 3,194,328, 7–13–65, Cl. 175—92.
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Fischer, Felix, and V. Körösi, to Olympia Werke A.G. Program control device in accounting machines. 3,190,550, 6–22–65, Cl. 235—60.47.
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Fischer, Kurt, J. Hirschbeck, G. Rummert, and A. Rothe, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of olefins. 3,180,904, 4–27–65, Cl. 260—683.
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Fischer, Martin N. Spot welder. 3,211,885, 10–12–65, Cl. 219—113.
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Fischer, Morris. Cases for containing cigarettes and cigars. 3,194,394, 7–13–65, Cl. 206—41.2.
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Fischer, Raymond C., to International Harvester Co. Self-propelled irrigation apparatus. 3,175,769, 3–30–65, Cl. 239—183.
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Fischer, Rudolph F., and C. W. Smith, to Shell Oil Co. Aldehyde condensation products and their use in treating fibrous materials. 3,183,054, 5–11–65, Cl. 8—94.33.
Fischer, Rudolph F., and C. W. Smith, to Shell Oil Co. Cyclic acetal polyallylidene oligosaccharides. 3,208,993, 9–28–65, Cl. 260—209.
Fischer, Russell C.: *See*—
Burns, Robert V., and Fischer. 3,172,959.

Fischer, Victor H., to The Battelle Development Corp. Detecting physiological conditions by measuring bioelectric output frequency. 3,195,533, 7–20–65, Cl. 128—2.1.
Fischer, Walter, and D. Schafer, to International Standard Electric Corp. Device for use in magnetic tape conveying equipment. 3,207,402, 9–21–65, Cl. 226—195.
Fischer, Walter F., to United Shoe Machinery Corp. Threadless retaining plate. 3,205,758, 9–14–65, Cl. 85—36.
Fischer, Warren G., and J. V. Wilke, to H. G. Fischer & Co., Inc. Dispenser for liquids or semi-liquids. 3,176,876, 4–6–65, Cl. 222—44.
Fischer, Wilhelm A., to Max-Planck-Institut fur Eisenforschung. Process for the production of linings for metallurgical furnaces. 3,223,758, 12–14–65, Cl. 264—30.
Fischer, Wiljhelm: *See*—
Flacke, Herbert, and Fischer. 3,217,573.
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Fischer, William H., to Continuous Molding Corp. Toy construction element having retaining apertures. 3,199,246, 8–10–65, Cl. 46—28.
Fischer, William K., to United States Rubber Co. Squeeze-coating process. 3,184,527, 5–18–65, Cl. 264—255.
Fischer, William K., to United States Rubber Co. Polyester resin composition modified by monocarboxylic acid and metallic bridging agent. 3,219,604, 11–23–65, Cl. 260—22.
Fischler, Daniel A., to Emsig Mfg. Co. Patterned cast synthetic resin of integral sheen. 3,164,647, 1–5–65, Cl. 264—108.
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Fischler, Wanda B., and Mann. 3,221,428.
Fischler, Stephan J. Hydraulic jack assembly. 3,224,730, 12–21–65, Cl. 254—10.5.
Fischler, Wanda B., and M. M. Mann, to R. M. Fischler and I. Mann. Transparent encasement for documents and the like. 3,221,428, 12–7–65, Cl. 40—2.2.
Fischman, Martin, to General Telephone and Electronics Laboratories, Inc. Resonant circuit controlled asymmetrical pulse generator. 3,218,577, 11–16–65, Cl. 331—117.
Fischman, Martin, and W. Geller, to General Telephone and Electronics Laboratories, Inc. Blocking oscillator. 3,200,-261, 8–10–65, Cl. 307—88.5.
Fischman, Morton: *See*—
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Fish, Donald H., to Engelhard Industries, Inc. Immersion thermocouple. 3,201,277, 8–17–65, Cl. 136—4.
Fish, Eldon R., to General Dynamics Corp. (Material Service Division). Trailer having longitudinally adjustable and driven rear wheels. 3,209,850, 10–5–65, Cl. 180—14.
Fish, Robert L., to Raybestos-Manhattan, Inc. Friction material. 3,184,306, 5–18–65, Cl. 75—206.
Fish, Walter D., to Joy Mfg. Co. Rock drill rotation mechanism. 3,211,021, 10–12–65, Cl. 74—577.
Fish, Walter Y., W. H. Conlee, Jr., and T. L. Martin, Jr., to Wesix Electric Heater Co. Ion generator comprising a shielded radioactive source and means for forcing air past the radioactive source. 3,182,194, 5–4–65, Cl. 250—44.
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Fish, William A., Jr., and C. B. Wolf, to Westinghouse Electric Corp. Fluid-control valve with automatic fluid latching. 3,185,180, 5–25–65, Cl. 137—625.66.
Fish, William A., Jr., and J. Sucha, to Westinghouse Electric Corp. Arc-extinguishing grid structure for fluid-blast circuit interrupters. 3,214,554, 10–26–65, Cl. 200—150.
Fish, William T., Jr., to Armstrong Cork Co. Template for cutting pipe insulation. 3,209,459, 10–5–65, Cl. 33—174.
Fishbein, Leon, and B. F. Crowe, to Air Reduction Co., Inc. Copolymerization of vinyl chloride and vinyl acetate. 3,-172-877, 3–9–65, Cl. 260—87.1.
Fishbein, William, and O. E. Rittenbach, to United States of America, Army. CW radar system. 3,195,129, 7–13–65, Cl. 343—8.
Fishburne, Francis B. Electrical means for controlling hydraulic presses. 3,188,941, 6–15–65, Cl. 100—49.
Fishburne, Francis B. Hydraulic power units. 3,217,941, 11–16–65, Cl. 222—189.
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Fisher, Alec, to General Electric Co. Eddy current coupling. 3,198,975, 8–3–65, Cl. 310—105.
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Fisher, Charles E., to Norris-Thermador Corp. Catalytic converter. 3,167,400, 1–26–65, Cl. 23—288.
Fisher, Charles E., to Norris-Thermador Corp. Catalytic muffler with end ports for emptying and filling. 3,186,804, 6–1–65, Cl. 23—288.
Fisher, Charles R., Jr., to General Dynamics Corp. Magnetic data handling system. 3,172,090, 3–2–65, Cl. 340—174.1.
Fisher, Charles R., Jr., to General Dynamics Corp. Data handling system. 3,176,280, 3–30–65, Cl. 340—174.1.
Fisher, Charles R., Jr., to General Dynamics Corp. Data handling system. 3,176,287, 3–30–65, Cl. 340—345.
Fisher, Chester D., to Sprout, Waldron & Co., Inc. Attrition mill apparatus. 3,174,695, 3–23–65, Cl. 241—146.
Fisher, Chester D., to Sprout, Waldron & Co., Inc. Clamping means for pellet mill die. 3,199,146, 8–10–65, Cl. 18—12.
Fisher, Chester D., to Sprout, Waldron & Co., Inc. Conduit for pneumatic conveying systems. 3,224,814, 12–21–65, Cl. 302—64.
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Fisher, Don E., W. H. Hills, and D. M. Mullins, to Monsanto Co. Apparatus for heat treatment of textured yarn warp sheets and method. 3,180,004, 4–27–65, Cl. 28—59.
Fisher, Donald M., and J. E. Linnell, to Radio Corp. of America. Print registration control means in high speed printers. 3,183,830, 5–18–65, Cl. 101—93.
Fisher, Earl E., and J. L. Harper, to A. E. Staley Mfg. Co. Cyanoethyl amylose derivatives and process for preparing same. 3,208,998, 9–28–65, Cl. 260—233.3.
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Rue, Charles V., Fisher, and Heischman. 3,183,071.
Fisher, Everett H., to Western Electric Co., Inc. Method of molding. 3,192,298, 6–29–65, Cl. 264—294.
Fisher, Frank F. Portable protective flood barrier. 3,172,267, 3–9–65, Cl. 61—37.
Fisher, Frank J. Protective housing for meter equipment. 3,183,714, 5–18–65, Cl. 73—273.
Fisher, Franklin G., and J. J. Weller, to Reading Co., and Standard Plastics, Inc. Dust guard. 3,171,660, 3–2–65, Cl. 277—130.
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Fisher, George F., to Midland Mfg. Co., Div. of Pacific Industries, Inc. Miniaturized piezoelectric crystal device. 3,173,035, 3–9–65, Cl. 310—9.1.
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Fisher, Harland S., and C. A. Dumas, to United States Envelope Co. Protective cover for bottle nipples or the like. 3,195,753, 7–20–65, Cl. 215—11.
Fisher, Harry W., R. L. Crumley, and H. E. Lehman, to Rockwell Mfg. Co. Turbine flow meter. 3,166,936, 1–26–65, Cl. 73—231.
Fisher, Henry B., to Phillips Petroleum Co. Sealing formations. 3,195,630, 7–20–65, Cl. 166—30.
Fisher, Henry B., and D. W. Peacock, to Phillips Petroleum Co. Use of N-acyl sarcosines in miscible flooding. 3,212,-575, 10–19–65, Cl. 166—9.
Fisher, Hugh L., to General Motors Corp. Transmission. 3,188,885, 6–15–65, Cl. 74—688.
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Fisher, John C., to General Electric Co. Connection insulators for dynamoelectric machine windings. 3,219,857, 11–23–65, Cl. 310—71.
Fisher, John T. Controlled fuel limiter. 3,182,709, 5–11–65, Cl. 158—36.3.
Fisher, Joseph C., and L. L. Winter, to Union Carbide Corp. Oxidation resistant carbon refractory articles. 3,174,872, 3–23–65, Cl. 106—56.
Fisher, Joseph D., to Armour Pharmaceutical Co. Process for preparing adrenal gland stimulating substance. 3,192,115, 6–29–65, Cl. 167—74.
Fisher, Joseph V.: *See*—
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Fisher, Joseph V. Manufacture of materials capable of amplifying wave energy. 3,203,899, 8–31–65, Cl. 252—62.5. 11.13.
Fisher, Jules. Remote control movement system including a unit for variably positioning a light source device and a controller therefor. 3,209,136, 9–28–65, Cl. 240—3.
Fisher, Julian V., to Illinois Tool Works Inc. Positioning tool for electrical components. 3,218,695, 11–23–65, Cl. 29—203.
Fisher, Keith L., to Pye Ltd. Volume compression circuits. 3,215,940, 11–2–65, Cl. 330—3.
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Orwin, Olaf J. B. 3,202,259.
Orwin, Olaf J. B. 3,203,524.

Fisher, Lyman C., to United States of America, Navy. Jetevator for missile control. 3,210,935, 10–12–65, Cl. 60—35.54.

Fisher, Lyman C., to United States of America, Navy. Jetevator for missile control. 3,210,936, 10–12–65, Cl. 60—35.55.

Fisher, Manuel, to Perfect Fit Industries, Inc. Toilet tank cover set. 3,166,112, 1–19–65, Cl. 150—52.

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Fisher, Mark E., and C. R. Copeland, to General Motors Corp. Transmission. 3,181,677, 5–4–65, Cl. 192—4.

Fisher, Mark E., and R. J. Maci, to General Motors Corp. Transmission. 3,174,362, 3–23–65, Cl. 74—720.5.

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Fisher, Ralph, L. R. Vertnik, K. E. McCaleb, and N. M. Le Bard, to General Mills, Inc. Tetralkyl dimeric fat amines. 3,201,471, 8–17–65, Cl. 260—583.

Fisher, Richard A., to Anderson Machine & Tool Works, Inc. Filling machine. 3,210,906, 10–12–65, Cl. 53—131.

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Fisher, Simon, and W. L. Ward, to National Electric Welding Machines Co. Seam-welding wheel bearing. 3,176,254, 3–30–65, Cl. 339—5.

Fisher, Stanton E. Coiled rawhide animal toy. 3,198,173, 8–3–65, Cl. 119—29.

Fisher, Stanton E. Animal shoes. 3,209,726, 10–5–65, Cl. 119—1.

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Fisk, Alexander G. Examination and treatment table for veterinary use. 3,208,432, 9–28–65, Cl. 119—103.

Fisk, Bert, M. Fischman, and T. J. Rauen, to United States of America, Navy. High current level interrupter means. 3,200,260, 8–10–65, Cl. 307—88.5.

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Fisk, Roy T., to Hyland Laboratories. Diagnostic procedure. 3,223,484, 12–14–65, Cl. 23—230.

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Fitch, Howard M., to Engelhard Industries, Inc. Palladium decorating compositions. 3,216,834, 11–9–65, Cl. 106—1.

Fitch, John C. Stowable luggage rack. 3,181,753, 5–4–65, Cl. 224—29.

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able controller for predetermined control-programs. 3,200,209, 8–10–65, Cl. 200—18.

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Fitzgerald, Robert E. Singular actuation for plural feeding and cutting means in stamp vending machines. 3,176,562, 4–6–65, Cl. 83—233.

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Fitzgerald, Robert T., and K. H. Sann, to United States of America, Army. Anti-collision system. 3,178,712, 4–13–65, Cl. 343—101.

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Fitzsimmons, Harold C., to Pennsalt Chemicals Corp. Centrifuge discharge means. 3,168,472, 2–2–65, Cl. 233—19.
Fitzsimmons, Lloyd R., to Product Engineering Co. Golf cart wheel latching structure. 3,223,430, 12–14–65, Cl. 280—42.
Fitzsimmons, Vincent G., to United States of America, Navy. Method for coating high polymers with polytetrafluoroethylene. 3,200,006, 8–10–65, Cl. 117—104.
FitzSimmons, Vincent G., and W. A. Zisman, to United States of America, Navy. Modified polytetrafluoroethylene dispersions and solid products. 3,202,626, 8–24–65, Cl. 260—29.6.
Fitzsimons, Patrick A., to Leaf Brands, Inc. Machine for the manufacture of shaped comestibles. 3,220,360, 11–30–65, Cl. 107—10.
Fitzwater, William, Jr., to North American Aviation, Inc. D.C. controlled semiconductor switch for A.C. current. 3,165,640, 1–12–65, Cl. 307—88.5.
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Fix, Oliver W. Infrared countermeasure system using radial shutter array for light modulation. 3,169,165, 2–9–65, Cl. 88—61.
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Wardlaw, Tom H., Polsky, Lieberman, and Maslan. 3,212,815.
Fjelstad, Leonard R. Attachment for rotary lawn mower. 3,184,903, 5–25–65, Cl. 56—25.4.
Fjermestad, Arnold R., to National Cooperatives, Inc. Liquid additive dispenser for cleansing systems. 3,190,503, 6–22–65, Cl. 222—205.
Flachbarth, Charles T., to Walker Bros. Adapter for access units of underfloor ducts. 3,199,713, 8–10–65, Cl. 220—3.7.
Flachowsky, Kurt, and H. Bordorf. Insulating supporting member for electrodes in gaseous processing device. 3,207,941, 9–21–65, Cl. 313—268.
Flack, Ernest J. Toy vehicle. 3,179,433, 4–20–65, 280—8.
Flacke, Herbert, and W. Fischer, to C. & A. Brenninkmeyer G.m.b.H. Cutting and collecting register. 3,217,573, 11–16–65, Cl. 83—96.
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Heimann, Fred G., and Flagan. 3,171,166.
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Flagle, Harry D. Four channel video integrator. 3,207,842, 9–21–65, Cl. 178—6.
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Flaherty, James H., to General Motors Corp. Method of lubricating gas bearings. 3,193,054, 7–6–65, Cl. 184—6.
Flaherty, John T., and R. R. Scholz. Field rifle rest. 3,225,656, 12–28–65, Cl. 89—37.
Flaherty, Robert J., to International Business Machines Corp. Gated diode selection drive system. 3,192,510, 6–29–65, Cl. 340—174.
Flaherty, Robert J., and R. C. Lamy, to International Business Machines Co. Core matrix control circuit for selection of cores by true and complement signals. 3,215,982, 11–2–65, Cl. 340—147.
Flaherty, Robert J., Jr., and W. V. Smith. Immersible dynamoelectric device. 3,183,384, 5–11–65, Cl. 310—90.
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Flaherty, William J., and G. J. Gootee, 9⅓% to V. F. Same, 9⅓% to I. L. Murray, Jr., and 9⅓% to N. M. Peterson. Test scoring machines. 3,216,132, 11–9–65, Cl. 35—48.
Flahive, Thomas J., ½ to L. A. Derwin. Book holder. 3,198,475, 8–3–65, Cl. 248—445.
Flair, Henry J., to United States of America, Navy. Flexible base assembly. 3,197,552, 7–27–65, Cl. 175—86.
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Flamant, Pierre L. V., and M. J.-M. Linares, to Sertum. Apparatus for producing uniform wood chips. 3,189,066, 6–15–65, Cl. 144—172.
Flaming, Walter. System and means for automatically air drying vehicles. 3,224,108, 12–21–65, Cl. 34—87.
Flamm, Irving S., and H. A. Brown. Freezer carton. 3,175,748, 3–30–65, Cl. 229—6.
Flanagan, Charles D., to Texas Instruments Inc. Electrical circuit control apparatus. 3,172,011, 3–2–65, Cl. 317—41.
Flanagan, Charles D., to Texas Instruments Inc. Resistance-change temperature-measuring apparatus for motor windings and the like. 3,195,044, 7–13–65, Cl. 324—62.
Flanagan, Charles D., to Texas Instruments Inc. Thermostatic elements. 3,203,166, 8–31–65, Cl. 60—23.
Flanagan, Charles D., to Texas Instruments Inc. Ferroelectric capacitor apparatus. 3,210,607, 10–5–65, Cl. 317—40.
Flanagan, Charles D., to Texas Instruments Inc. Resistance-change temperature sensing apparatus for A.C. motor windings having A.C. and D.C. sources in series. 3,210,657, 10–5–65, Cl. 324—62.
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Flanagan, Pat W. K., to Continental Oil Co. Preparation of nitrosoalkanes. 3,205,273, 9–7–65, Cl. 260—647.
Flanagan, Thomas J. Belt clip attachment for camera. 3,209,968, 10–5–65, Cl. 224—6.
Flanagan, Thomas P., to National Starch and Chemical Corp. Hot melt adhesive compositions based on an ethylene: propylene copolymer. 3,220,966, 11–30–65, Cl. 260—27.
Flanders, Andrew E., to General Dynamics Corp. Watt-second limiter control. 3,196,334, 7–20–65, Cl. 320—1.
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Flarsheim, Clarence A. Filter washing machine. 3,174,490, 3–23–65, Cl. 134—80.
Flasch, Helmut, to Farbenfabriken Bayer Atiengesellschaft. Light- and weather-resistant yellow cadmium pigment. 3,220,868, 11–30–65, Cl. 106—301.
Flaschen, Steward S., and P. J. Heinle, to Motorola, Inc. Semiconductor process control technique. 3,216,084, 11–9–65, Cl. 29—25.3.
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Flatten, Orris H., to North American Aviation, Inc. Bi-directional constant current device. 3,185,858, 5–25–65, Cl. 307—88.5.
Flatten, Orris H., to North American Aviation, Inc. Incremental rate converter. 3,216,000, 11–2–65, Cl. 340—347.
Flaugher, Lawrence L., and T. G. Bur, to Applied Power Industries, Inc. Portable electric lamp. 3,185,836, 5–25–65, Cl. 240—51.12.
Flax, Valer. Method of manufacturing thermoplastic tubes. 3,172,933, 3–9–65, Cl. 264—248.
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Fleck, Raymond N., and C. G. Wight, to Union Oil Co. of California. Separation of naphthenes from hydrocarbon mixtures using 7 A. to 12 A. molecular sieves. 3,182,017, 5–4–65, Cl. 208—310.
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Flegel, Dean F., to Reliance Time Controls, Inc. Rate of change controller. 3,203,265, Cl. 8–31–65, Cl. 74—124.
Flegel, George J., to Josam Mfg. Co. Interlocking grating and framing system for trench drains. 3,221,616, 12–7–65, Cl. 94—34.
Flegel, George J., to Josam Mfg. Co. Drain construction. 3,225,545, 12–28–65, Cl. 61—10.
Fleigher, Charles W., and W. J. Delaney, 60% to A. H. Ginsburg. Bag filling machine. 3,206,913, 9–21–65, Cl. 53—189.
Fleischer, Alfred R., to General Metals Corp. Dual fuel system for a liquid fuel injection engine. 3,203,407, 8–31–65, Cl. 123—27.
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Fleischmann, Horst, to Siemens-Schuckertwerke Aktiengesellschaft. Mixed-crystal thermoelectric compositions. 3,211,655, 10–12–65, Cl. 252—62.3.
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Fleisher, Harold, and R. I. Roth, to International Business Machines Corp. Memory readout and summing system. 3,191,012, 6–22–65, Cl. 235—164.
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Fleisher, Harold, T. J. Harris, and E. Shapiro, to International Business Machines Corp. Display apparatus. 3,182,-574, 5–11–65, Cl. 95—4.5.
Fleisher, Marvin B., and P. E. Hixon, to Rolor Corp. Photographic sheet material processing apparatus. 3,224,356, 12–21–65, Cl. 95—94.
Fleishman, Myron. Ball projecting gun with ball feeding obstacle game table. 3,166,321, 1–19–65, Cl. 273—95.
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Friedel, Wolfgang, and Fleissner. 3,196,555.
Fleissner, Heinz, to Fleissner G.m.b.H., Firma. Process and apparatus for wet-treating fibrous materials. 3,168,414, 2–2–65, Cl. 117—102.
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Fleming, Harold W., and W. R. Price, to Chemetron Corp. Method of selectively hydrogenating acetylene compounds in a gas consisting predominately of olefins. 3,205,281, 9–7–65, Cl. 260—683.
Fleming, Howard B., to Fleming Devices, Inc. Jacks for use with forms for concrete decks for bridges. 3,208,725, 9–28–65, Cl. 254—100.
Fleming, Howard M., Jr., to Monroe International Corp. Memory system. 3,164,817, 1–5–65, Cl. 340—174.1.
Fleming, Howard M., Jr., to Electro-Mechanical Research, Inc. Encoder systems. 3,170,154, 2–16–65, Cl. 340—347.
Fleming, James E., and R. L. Matlock. Wheel cooling means. 3,168,348, 2–2–65, Cl. 301—6.
Fleming, John M. Garbage bag holder. 3,185,339, 5–25–65, Cl. 220—65.
Fleming, John S., to Floxite Co., Inc. Machine for tearing paper. 3,182,875, 5–11–65, Cl. 225—99.
Fleming, Joseph W., to Electronic Dimmer Corp. Controlled silicon rectifier test apparatus for determining defects and operating characteristics. 3,193,766, 7–6–65, Cl. 324—158.
Fleming, Joseph W., to Electronic Dimmer Corp. Theater lighting control apparatus. 3,200,327, 8–10–65, Cl. 323—89.
Fleming, Max C., to Phillips Petroleum Co. Insulation removing tool and method. 3,198,038, 8–3–65, Cl. 81—9.5.
Fleming, Raymond E., and H. E. Reichert, to Jennings Machine Corp. Die clamping system. 3,203,047, 8–31–65, Cl. 18—13.
Fleming, Richard A., to E. I. du Pont de Nemours and Co. Alloy article having a porous outer surface and process of making same. 3,190,749, 6–22–65, Cl. 75—122.
Fleming, Robert S., to Amerace Corp. Pipe sealing unit. 3,199,879, 8–10–65, Cl. 277—212.
Fleming, Robert S., and E. G. Neibling, to Amerace Corp. Bowling ball grip measuring device. 3,182,404, 5–11–65, Cl. 33—174.
Fleming, Robert W., to Parke, Davis & Co. N-t-butyl-1,4-butanediamine and salts thereof. 3,170,950, 2–23–65, Cl. 260—501.
Fleming, Roger W., to Sylvania Electric Products Inc. Regulated power supply. 3,193,753, 7–6–65, Cl. 321—18.
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Flemming, Edward D., and F. Wislocker, to Weyerhaeuser Co. Compacter de-aerator. 3,223,026, 12–14–65, Cl. 100—90.
Flenner, Albert L., to E. I. du Pont de Nemours and Co. Defoliating and desiccating composition and method. 3,186,-824, 6–1–65, Cl. 71—2.3.

Flesch, Hans K., F. T. Gutmann, and R. Dieber, to International Telephone and Telegraph Corp. Data processing systems. 3,204,086, 8–31–65, Cl. 235—61.9.
Flesher, Gail T., to United States of America, Army. Controlled decay feedback type comb filters. 3,175,158, 3–23–65, Cl. 328—109.
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Fletcher, Charles A., and R. F. Dyer, to Eastman Kodak Co. Jet apparatus for treatment of textile fibers. 3,220,082, 11–30–65, Cl. 28—1.
Fletcher, Daniel H., and A. H. Stanley, to Joslyn Mfg. and Supply Co. Terminal device for underground cable. 3,180,920, 4–27–65, Cl. 174—38.
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Fletcher, John F., and K. G. Toyoda, to United States of America, Atomic Energy Commission. Method of controlling a nuclear reactor. 3,212,975, 10–19–65, Cl. 176—20.
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Fletcher, Kenneth, to Arthur Guinness Son & Co. (Dublin) Ltd. Connecting head for use with casks, siphons and the like receptacles containing liquid under pressure. 3,194,451, 7–13–65, Cl. 222—400.7.
Fletcher, Lawrence A., and S. A. Palmer, to Lindars Automation Ltd. Batch weigher. 3,224,519, 12–21–65, Cl. 177—210.
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Fletcher, Martin W., to Ampex Corp. Readout control circuit for digital data generating short-duration pulses predetermined time interval after relatively long-duration pulses. 3,164,774, 1–5–65, Cl. 328—61.
Fletcher, Peter S. Leg-rest control arrangement for reclining chairs. 3,169,035, 2–9–65, Cl. 297—85.
Fletcher, Peter S. Reclining chair of the multiple movement type. 3,169,794, 2–16–65, Cl. 297—85.
Fletcher, Peter S., to A. Lorenz. Reclining chair of the multiple positon lounger type. 3,172,697, 3–9–65, Cl. 297—85.
Fletcher, Rexford C. Chalk line holder. 3,206,855, 9–21–65, Cl. 33—87.
Fletcher, Robert J., C. J. Worth, and G. R. Sutherford, to American Optical Co. Vision-testing apparatus having angularly spaced viewing paths for viewing two concentric series of testing charts. 3,205,505, 9–7–65, Cl. 351—32.
Fletcher, Royce W., to International Business Machines Corp. Sense amplifier, divide bridge and switch means providing clamped, noise-free, unipolar output. 3,219,839, 11–23–65, Cl. 307—88.5.
Fletcher, Theodore F., to United States of America, Navy. Lift-appendage for underwater vehicle. 3,182,621, 5–11–65, Cl. 114—16.
Fletcher, William A., and M. E. Todd, to General Motors Corp. Armature winding and commutator connecting machine. 3,169,301, 2–16–65, Cl. 29—33.
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Fleuchaus, Leo, to Messerschmitt AG. Apparatus for guiding VTOL aircraft to a restricted landing surface. 3,195,135, 7–13–65, Cl. 343—108.
Fleury, Claude G. Arrangement for controlling the movement of a machine part. 3,167,920, 2–2–65. Cl 60—54.5.
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Flichy, Jacques, to Ateliers Metallurgiques de Saint-Urbain. Speed variator and reducer apparatus. 3,190,148, 6–22–65, Cl. 74—796.
Flick, Francis S., to Flick-Reedy Corp. Sealing structure for piston and cylinder device. 3,190,702, 6–22–65, Cl. 308—3.5.
Flick, Kenneth R. Clothes line prop. 3,224,722, 12–21–65, Cl. 248—353.
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Fortescue, Peter, and C. L. Rickard, to General Dynamics Corp. Nuclear reactor. 3,201,321, 8–17–65, Cl. 176—59.
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Fortescue, Peter, and G. E. Lockett, to United Kingdom Atomic Energy Authority. Fuel elements for nuclear reactors. 3,206,369, 9–14–65, Cl. 176—37.
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Forwald, Haakon, to I-T-E Circuit Breaker Co. Vented movable resistor contact for air blast circuit breakers. 3,198,916, 8–3–65, Cl. 200—148.
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Forwald, Haakon, to Allmanna Svenska Electriska Aktiebolaget. Dehumidifying device. 3,213,937, 10–26–65, Cl. 165—132.
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Pavlin, James S., and Finestone. 3,189,571.
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Fotsch, Arthur H., J. R. Finley, G. W. Ross, and R. F. Fischer, to Kearney & Trecker Corp. Car wheel borer with transfer mechanism. 3,188,890, 6–15–65, Cl. 77—3.
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Fountain, Forrest R. Load indicator. 3,190,383, 6–22–65, Cl. 177—137.
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Fox, Alfred E., B. S. Schwartz, and F. J. Turner, to Warner-Lambert Pharmaceutical Co. Method for preparing reticuloendothelelial system stimulant and stimulant thereof. 3,172,815, 3–9–65, Cl. 167—78.
Fox, Alvin C., and G. G. Towry, to Texas Instruments Inc. Automatic control system for oil well heater. 3,175,076, 3–23–65, Cl. 219—494.
Fox, Alvin C., and G. G. Towry, to Texas Instruments Inc. Electrical heater control system. 3,175,077, 3–23–65, Cl. 219—494.
Fox, Anthony, to Propulsion Research, Inc. Propulsion device. 3,187,708, 6–8–65, Cl. 115—12.
Fox, Arthur G., to Bell Telephone Laboratories, Inc. Optical maser component. 3,179,899, 4–20–65, Cl. 331—94.5.
Fox, Benjamin. Detachable connectors. 3,181,101, 4–27–65, Cl. 339—17.
Fox, Billy E. Extinguisher for car ash tray. 3,194,247, 7–13–65, Cl. 131—237.
Fox, Cecelia: *See*—
Bates, Bernice, and Fox. 3,197,102.
Fox, Charles: *See*—
Thau, Paul, and Fox. 3,215,599.
Fox, Charles, F. S. Morshauser, and P. Thau, to Warner-Lambert Pharmaceutical Co. Composition for skin beautification and treatment. 3,164,523, 1–5–65, Cl. 167—90.
Fox, Charles J., to Eastman Kodak Co. Photographic products. 3.165,411, 1–12–65, Cl. 96—114.
Fox, Charles J., to Eastman Kodak Co. Tri-isoamylamine catalyst in a process for preparing a polycarbonate. 3,220,-975, 11–30–65, Cl. 260—47.
Fox, Charles R., to Metro Electronics Corp. Speaker assembly. 3,225,860, 12–28–65, Cl. 181—31.
Fox Corp.: *See*—
Saxe, Melvin H., and Hartouni. 3,219,449.
Fox, Daniel M., to United States of America, Navy. Method of forming articles from ductile materials. 3,174,318, 3–23–65, Cl. 72—55.
Fox, Daniel W., to General Electric Co. Epoxy modified polycarbonate resinous compositions. 3,220,974, 11–30–65, Cl. 260—47.
Fox, Daniel W., to General Electric Co. Polycarbonate and polyarylene ether resin mixtures. 3,221,080, 11–30–65, Cl. 260—860.
Fox, Edgar C., Jr., and R. L. Meyer, to Westinghouse Electric Corp. Load maneuvering apparatus. 3,189,195, 6–15–65, Cl. 214—14.
Fox, Edwin F., and W. J. Clements, to Clements Mfg., Co. Hot air blower. 3,209,988, 10–5–65, Cl. 230—117.
Fox, Elton B., to Amot Controls Corp. Temperature responsive safety control valve. 3,189,277, 6–15–65, Cl. 236—101.
Fox, Elton B. Means for protecting the heater in a circulating liquid system. 3,224,675, 12–21–65, Cl. 237—8.
Fox, Fred K. Well formation tester. 3,212,574, 10–19–65, Cl. 166—3.
Fox, Gerald B.: *See*—
Nauman, Joseph G., and Fox. 3,210,014.
Fox, Harold J. Marking gauge. 3,197,874, 8–3–65, Cl. 33—158.
Fox, Harold K.: *See*—
Hartig, Richard E., and Fox. 3,197,119.
Fox, Harold K., to Bemis Bro. Bag Co. Bag top closures for consumer size bags. 3,203,622, 8–31–65, Cl. 229—62.
Fox, Harold L., and G. H. Thorne, Sr., to Sperry Rand Corp. Fluid control apparatus. 3,208,462, 9–28–65, Cl. 137—81.5.
Fox, Herman H., to Hoffmann-La Roche Inc. Tri-(p-aminobenzoyl) esters of pantothenyl alcohol. 3,207,778, 9–21–65, Cl. 260—471.
Fox, Homer M., to Phillips Petroleum Co. Two component amine nitrate monopropellants and method of propulsion. 3,212,254, 10–19–65, Cl. 60—35.4.
Fox Industries, Inc.: *See*—
Sloan, Roy R. 3,225,577.
Fox, James E., to General Electric Co. Chromium base alloy. 3,208,847, 9–28–65, Cl. 75—176.
Fox, James S., and J. H. De Bord, to The International Nickel Co., Inc. Method for fluid mold casting using casting slag. 3,214,806, 11–2–65, Cl. 22—209.
Fox, James S., and J. H. De Bord, to The International Nickel Co., Inc. Slag composition for fluid mold casting. 3,224,-887, 12–21–65, Cl. 106—38.27.
Fox, Joseph M., 3rd, and J. C. Yarze, to Pullman Inc. Production of domestic heating gas. 3,201,214, 8–17–65, Cl. 48—214.
Fox, La Verdo J., and S. R. Genson, to Johns-Manville Corp. Method and apparatus for traversing strand material. 3,169,717, 2–16–65, Cl. 242—43.
Fox, Leonard H., to Raleigh Industries Ltd. Gear selector control mechanisms. 3,180,166, 4–27–65, Cl. 74—489.
Fox, Leonard J.: *See*—
Jubilee, Benjamin D., and Fox. 3,222,419.
Fox, Lois J.: *See*—
Daugherty, Ralph K. 3,165,936.
Daugherty, Ralph K. 3,216,621.
Magnuson, Roy M. 3,199,618.
Roth, Ellwood A. 3,204,677.
Fox, Martin, to The Seng Co. Sofa bed. 3,205,511, 9–14–65, Cl. 5—41.
Fox, Martin, to The Seng Co. Davenport bed. 3,209,377, 10–5–65, Cl. 5—13.
Fox, Paul L., to Aerojet-General Corp. Projection screen. 3,180,214, 4–27–65, Cl. 88—28.9.
Fox Products Co.: *See*—
Medlar, Lewis A. Re. 25,754.
Medlar, Lewis A. 3,171,076.
Fox, Ray. Soil-soaker hold-down. 3,199,817, 8–10–65, Cl. 248—87.
Fox, Richard C., to California Research Corp. Candle composition. 3,216,921, 11–9–65, Cl. 208—21.
Fox, Richard J., to United States of America, Atomic Energy Commission. Method for fabricating surface-barrier detectors. 3,163,915, 1–5–65, Cl. 29—25.3.
Fox River Paper Corp.: *See*—
Dixson, Harry P., Nelson, Beaman, and Buhner. 3,164,512.
Fox, Robert L. Multiple railway tool machine. 3,187,429, 6–8–65, Cl. 29—564.
Fox, Robert M.: *See*—
De Rees, Delbert D., and Fox. 3,170,509.
Fox, Robert M., and E. H. Klove, Jr., to General Motors Corp. Closure latch. 3,190,682, 6–22–65, Cl. 292—216.
Fox, Robert P., to American Hoist & Derrick Co. Cam-actuated band brake. 3,184,006, 5–18–65, Cl. 188—77.
Fox, Robert T.: *See*—
Faust, Claude M., and Fox. 3,176,272.
Fox, Russell E., and A. V. Phelps, to Westinghouse Electric Corp. Apparatus for detecting electronegative gases in a mixture of gases. 3,211,996, 10–12–65, Cl. 324—33.
Fox, Thomas A. Strip rolling apparatus. 3,172,313, 3–9–65, Cl. 80—38.
Fox, Thomas A. Strip rolling method. 3,172,315, 3–9–65, Cl. 80—60.
Fox, Uffa, ½, to Herbert Terry & Sons Ltd. Shock cushioned load platform for speed boats. 3,207,112, 9–12–65, Cl. 114—65.
Fox, William C.: *See*—
Struble, Spencer, and Fox. 3,202,127.
Fox, William E. Dual liquid comparator gage and indicator. 3,214,840, 11–2–65, Cl. 33—172.
Fox, William P. Multi-function portable cooking apparatus. 3,217,634, 11–16–65, Cl. 99—339.

Fox, Zola, to Thiokol Chemical Corp. Relief valve for use with cryogenic fluids. 3,164,165, 1–5–65, Cl. 137—468.

Fox, Zola, E. Eiger, and W. S. Hosek, to Thiokol Chemical Corp. Universal tube joint with bearing inserts. 3,178,207, 4–13–65, Cl. 285—165.

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Bowditch, Hoel L. 3,187,641.
Catheron, Allan R., Wood, and Howe. 3,196,900.
Darling, Horace E. 3,180,974.
Freitas, Manuel P. 3,219,991.
Graham, James W., and Bowditch. 3,172,292.
McKay, Charles A., and Nevius. 3,167,750.
Peterson, Neil B. 3,171,043.
Richardson, David A. 3,197,711.
Waugh, Charles C. 3,219,046.

Foxwell, William J.: *See*—
Price, William R., and Foxwell. 3,168,146.

Foxx, Norbert E., and T. O. Williams, to Republic Steel Corp. Induction welding of tubing from hot strip. 3,196,241, 7–20–65, Cl. 219—8.5.

Foxx, Robert J., to Nordberg Mfg. Co. Fluid piston and cylinder assembly for use in railway tie cutters and the like. 3,190,324, 6–22–65, Cl. 144—2.

Foxx, Robert J., and E. H. Krause, Jr., to Nordberg Mfg. Co. Set-off device and method for railway machines. 3,182,604, 5–11–65, Cl. 105—177.

Foy, Claudius P. Billiard cue with readily replaceable tip. 3,226,119, 12–28–65, Cl. 273—70.

Foy, Richard, ½ to G. G. Weil. Hydraulically adjustable dozer blade. 3,213,553, 10–26–65, Cl. 37—144.

Foy, William N. Food carrier. 3,164,257, 1–5–65, Cl. 211—74.

Foye, Allen B.: *See*—
Pezzuto, Michael, and Foye. 3,164,486.

Foye, Allen B., to W. R. Grace & Co. Closure for containers. 3,182,843, 5–11–65, Cl. 215—44.

Foyster, Frederick J.: *See*—
Beckman, Ronald, and Foyster. 3,192,099.

Fracassi, Albert L. Hose reel. 3,199,529, 8–10–65, Cl. 137—355.26.

Fracassi, Renato D.: *See*—
Abbott, Henry H., Brown, Depp, Fracassi, and Williams. 3,223,976.

Fracke, Aribert: *See*—
Oehlrich, Karl-Heinz, and Fracke. 3,226,580.

Fradin, Samuel, to Globe Products Corp. Window shade bracket. 3,216,691, 11–9–65, Cl. 248—268.

Fradkin, Joseph, to Potter Instrument Co., Inc. Return spring bumper for print hammers. 3,166,010, 1–19–65, Cl. 101—93.

Frady, William E., Jr., E. L. Woods, and R. M. MacIntyre, to Thompson Ramo Wooldridge Inc. Control system with rate prediction. 3,189,734, 6–15–65, Cl. 235—154.

Fraenkel, Herbert, to Gunson's Sortex Ltd. Photosensitive apparatus for sorting translucent objects. 3,197,647, 7–27–65, Cl. 250—225.

Fraenkel, Stephen J., to Stanray Corp. Device for forming corrugations in metallic sheet or plate. 3,203,214, 8–31–65, Cl. 72—182.

Fraenzel, Edward H. Liquid fuel burner for outdoor dryer installations. 3,195,612, 7–20–65, Cl. 158—77.

Fraga, Anthony: *See*—
Steinberg, Richard, and Fraga. 3,175,607.

Fragen, Nathan, and J. G. Hundley, to Standard Oil Co. Manufacture of benzoic acid from toluene. 3,210,416, 10–5–65, Cl. 260—524.

Fragrance Process Co., Inc., The: *See*—
Neuwald, Alfred A., and Donovan. 3,178,255.

Frahm, Carl E.: *See*—
Reid, Otto S., Frahm, C. E. and S. E. 3,206,084.

Frahm, Shirley E.: *See*—
Reid, Otto S., Frahm, C. E. and S. E. 3,206,084.

Frainier, Richard J.: *See*—
Canty, John M., First, and Frainier. 3,207,353.

Fraisse, George, to Houilleres du Bassin de Lorraine. Advance and position indicator for coal-cutter or like stoping machine. 3,220,011, 11–23–65, Cl. 346—33.

Fraizy, Jean, and G. Finiels, to Societe Rhodiaceta. Process of acetylating a specific kind of regenerated cellulose and recovering ingredients from the used acetylating bath. 3,215,490, 11–2–65, Cl. 8—121.

Frakes, James H., and C. A. Bridges, to Westinghouse Electric Corp. Pressure-cap assembly for terminal bushings. 3,178,504, 4–13–65, Cl. 174—12.

Frakes, James H., to Dielectric Instrument Corp. Portable insulation testing equipment adaptable for conversion from straight to inverted Scheringbridge operation. 3,189,818, 6–15–65, Cl. 324—54.

Fram Corp.: *See*—
Fulford, Earle H., and Searcy. 3,201,924.
Sawyer, William T. 3,224,591.
Weatherston, Richard W., and Marshall. 3,220,707.

Fram, Paul, to Minnesota Mining and Mfg. Co. Curable compositions of an organic acid anhydride and an alkylenimine derivative. 3,225,013, 12–21–65, Cl. 260—78.

Frame, James M., to United States of America, Navy. High vacuum valve. 3,207,469, 9–21–65, Cl. 251—175.

Frame (Societe Anonyme): *See*—
Belaieff, James F., and Berthier. 3,178,916.

Frame, William R., to South Chester Corp. Method of making partially hollow rivets and similar articles. 3,176,329, 4–6–65, Cl. 10—27.

Frampton, D. B. & Co.: *See*—
Webster, John W. 3,172,170.

Frampton, Ronald C., and D. B. Lowndes, to Macpennys Mist Propagation Ltd. Apparatus for watering plants. 3,216,663, 11–9–65, Cl. 239—68.

Francaise du Ferodo, Societe Anonyme: *See*—
Fieni, Walter. 3,202,076.
Le Brise, Raymond. 3,184,019.
Lepelletier, Pierre A. G. 3,194,019.
Maurice, Jean. 3,185,274.
Maurice, Jean, and Le Brise. 3,213,988.
Sudres, Pierre C. 3,190,397.

France, Arnold. Attachment of jet propulsion units to waterborne craft and means for steering the unit. 3,207,116, 9–21–65, Cl. 115—12.

France, George E., and J. Parker, to Automatic Poultry Feeder Co. Hog trough. 3,180,319, 4–27–65, Cl. 119—61.

France, Joseph, to T.M.M. (Research) Ltd. Heating arrangements. 3,187,150, 6–1–65, Cl. 219—10.49.

France, L. D.: *See*—
Pattillo, Sidney M., and France. 3,200,570.

France, L. D., & Co., Inc.: *See*—
Pattillo, Sidney M., and France. 3,200,570.

France, Leonard L., L. S. Richardson, and D. H. Feisel, to Westinghouse Electric Corp. Tantalum base alloys. 3,166,414, 1–19–65, Cl. 75—174.

France, Leonard L., A. I. Lewis, deceased (by B. J. Ambrose, administrator), R. L. Ammon, and L. S. Richardson, to Westinghouse Electric Corp. Tantalum base alloys. 3,183,085, 5–11–65, Cl. 75—174.

Francel, Josef, and L. Spanoudis, to Owens-Illinois Glass Co. Method for cleaning glass-working tools. 3,218,140, 11–16–65, Cl. 65—27.

Francesco Vismara S.p.A.: *See*—
Cavallini, Guido, and Massarani. 3,201,475.

Franchi, Armand J., to International Telephone and Telegraph Corp. Audio actuated switch for transceiver transmitter. 3,169,221, 2–9–65, Cl. 325—15.

Francia, Giovanni. Hydraulic brake systems for motor vehicles. 3,209,542, 10–5–65, Cl. 60—54.2.

Francis, Alfred W., to Socony Mobil Oil Co., Inc. Concentration of selected aromatic hydrocarbons by extractive evaporation with ammonia. 3,177,263, 4–6–65, Cl. 260—674.

Francis, Arthur W.: *See*—
Matsch, Ladislas C., and Francis. 3,166,511.

Francis Associates: *See*—
Francis, Samuel A. 3,200,525.

Francis, Charles E., to Shell Oil Co. Fire-resistant hydraulic fluids. 3,177,146, 4–6–65, Cl. 252—75.

Francis, Charles E., to Shell Oil Co. Water-in-oil emulsion lubricant and hydraulic fluid. 3,192,159, 6–29–65, Cl. 252—33.6.

Francis, Daniel V.: *See*—
Andrews, Eugene D., Francis, and Rode. 3,207,712.

Francis, Frederick G., N. C. Huxford, J. A. Seaward, and G. H. Burton, to Caribonum Ltd. Electrophotographic rephotographic reproduction machines. 3,164,074, 1–5–65, Cl. 95—1.7.

Francis, Gerald C. Prestressed concrete. 3,222,835, 12–14–65, Cl. 52—223.

Francis, Gus, and J. A. Dunn; said Dunn assor. to said Francis. Method of rupturing walls. 3,196,791, 7–27–65, Cl. 102—23.

Francis, John G., Jr. Form for cast concrete step and platform units. 3,212,155, 10–19–65, Cl. 25—118.

Francis, John P. Adjustable automobile windshield awning. 3,174,195, 3–23–65, Cl. 20—57.5.

Francis, John P. Frame supporting means for automobile windshield awning. 3,174,536, 3–23–65, Cl. 160—369.

Francis, John P. Automobile rain visor and supporting means therefor. 3,205,000, 9–7–65, Cl. 296—95.

Francis, John P. Retractable automobile windshield awning. 3,219,385, 11–23–65, Cl. 296—95.

Francis, John P., and P. V. de la Cova, to Martin-Marietta Corp. Transponder automatic frequency control system. 3,183,441, 5–11–65, Cl. 325—13.

Francis, Joseph A., to Honeywell Inc. Control apparatus. 3,168,717, 2–2–65, Cl. 338—31.

Francis, Lynn M. Vehicle wheel and axle suspension. 3,220,746, 11–30–65, Cl. 280—124.

Francis, Lynn M. End loading cargo vehicle. 3,225,709, 12–28–65, Cl. 105—455.

Francis, Marion D.: *See*—
Tucker, Nathaniel B., Francis, and Griebstein. 3,175,951.

Francis, Philip L., to General Motors Corp. Engine block. 3,166,992, 1–26–65, Cl. 92—149.

Francis, Philip L., to General Motors Corp. Refrigerating apparatus. 3,215,341, 11–2–65, Cl. 230—186.

Francis, Robert N., to Phillips Petroleum Co. Control system. 3,219,051, 11–23–65, Cl. 137—118.

Francis, Samuel A., to Francis Associates. Fluid read-out device. 3,200,525, 8–17–65, Cl. 40—130.

Francis, Samuel A., A. W. Sinkinson, and C. B. Converse, to Sippicon Corp. Mounting assembly for modular electronic units. 3,209,208, 9–28–65, Cl. 317—101.

Francis, Thomas H.: *See*—
De Paro, Anthony, and Francis. 3,220,498.

Francis, William C.: *See*—
Hopkins, Thomas R., Strickler, and Francis. 3,211,692.
Phillips, Lee V., and Francis. 3,184,438.

Francis, William C., to Gulf Oil Corp. Thermoplastic 5-allyl-isocyanurate polymer. 3,190,841, 6–22–65, Cl. 260—2.
Francisco, Charles C., to Cambridge Systems, Inc. Dewpoint measuring system. 3,195,344, 7–20–65, Cl. 73—17.
Francisco, Sherman G., to International Business Machines Corp. Analog-to-digital conversion means. 3,205,490, 9–7–65, Cl. 340—347.
Francisco, William H., Jr., to Curtiss-Wright Corp. Toroidal drive hydraulic stop. 3,164,025, 1–5–65, Cl. 74—200.
Franck, Abraham, to Sperry Rand Corp. Comparing stored and external binary digits. 3,195,108, 7–13–65, Cl. 340—146.2.
Franck, Abraham, and A. V. Pohm, to Sperry Rand Corp. Magnetic bistable circuit. 3,189,749, 6–15–65, Cl. 307—88.
Franck, Abraham, G. F. Marette, and B. I. Parsegyan, to Sperry Rand Corp. Arithmetic system utilizing ferromagnetic elements having single domain properties. 3,192,368, 6–29–65, Cl. 235—175.
Franck, George E., to Imperial-Eastman Corp. Ball pipe joint with composite ball member. 3,180,664, 4–27–65, Cl. 285—266.
Franck, George E., to Imperial-Eastman Corp. Wrench. 3,198,040, 8–3–65, Cl. 81—55.
Franck, George E., to Imperial-Eastman Corp. Swivel joint. 3,210,099, 10–5–65, Cl. 285—190.
Franck, George E., to Imperial-Eastman Corp. Reinforced fluid control fitting. 3,219,366, 11–23–65, Cl. 285—190.
Franck, George E., to Imperial-Eastman Corp. Tube connector with permanently assembled sleeve and nut elements. 3,219,367, 11–23–65, Cl. 285—238.
Franck, Jack V., and P. S. Broadhead, to United States of America, Atomic Energy Commission. Photosensitive light beam location information device. 3,222,526, 12–7–65, Cl. 250—203.
Franck, Kurt, to Holophane Co., Inc. Street lighting luminaires. 3,179,793, 4–20–65, 240—25.
Franck, Kurt, to Holophane Co., Inc. Device for controlling glare in luminaire. 3,179,797, 4–20–65, Cl. 240—106.
Franck, Kurt, and D. E. Welty, to Holophane Co., Inc. Luminaire. 3,187,176, 6–1–65, Cl. 240—106.
Franco, Gianfranco, G. E. Lockett, N. Kinkead, and V. H. Sorensen, to United Kingdom Atomic Energy Authority. Plant for remote handling of nuclear fuel elements. 3,200,-043, 8–10–65, Cl. 176—30.
Franco, Sebastian J.: *See*—
Larson, Merlyn O., and Franco. 3,166,081.
Francois, Alex C.: *See*—
Ashbridge, G. Harry, Casey, Francois, Lohan, Smith, and Mitchell. 3,218,518.
Francois, Alex C., to Ex-Cell-O Corp. Clock writer for magnetic data storage devices. 3,196,420, 7–20–65, Cl. 340—174.1.
Francois, Henri: *See*—
Blondeau, Emile, Doury, and Francois. 3,216,246.
Francois, Paul L.: *See*—
Humbert, Kingsley E., Jr., and Francois. 3,217,942.
Francus, William J. Flaring tool. 3,176,492, 4–6–65, Cl. 72—75.
Frane, John A.: *See*—
Oldershaw, Charles G., and Frane. 3,215,094.
Frangos, John W. Storage system apparatus. 3,217,905, 11–16–65, Cl. 214—16.1.
Frangoulis, Stamates I.: *See*—
Newell, William H., Burgess, Zabb, and Frangoulis. 3,174,030.
Frank, Adolf, and F. Grewe, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of thiuram monosulfides. 3,169,990, 2–16–65, Cl. 260—567.
Frank, Alan I., to United States of America, Air Force. Automatic range and azimuth track while scan system. 3,182,-320, 5–4–65, Cl. 343—7.3.
Frank, Andrew A., H. L. Ehlers, and R. O. Rogers, to North American Aviation, Inc. Helicopter flight control system. 3,175,786, 3–30–65, Cl. 244—17.13.
Frank, Carl A., to Avisun Corp. Shear type cutter. 3,196,-724, 7–27–65, Cl. 83—349.
Frank, Charles. Self-locking bolt and nut. 3,168,915, 2–9–65, Cl. 151—31.
Frank, Charles. Fastener-captive front panel. 3,180,389, 4–27–65, Cl. 151—69.
Frank, Charles J., to Dolphin Seafoods, Inc. Frozen-food cutter. 3,196,917, 7–27–65, Cl. 146—169.
Frank, Daniel L.: *See*—
Elliott, James O., Frank, and Leland. 3,226,620.
Frank, David S., F. B. Callanen, and V. A. Walter, to The Pure Oil Co. Liquid valve arrangement. 3,187,765, 6–8–65, Cl. 137—253.
Frank, Edmund: *See*—
Packard, Lyle E., Buu, and Frank. 3,205,921.
Frank, Edward J., to General Electric Co. Automatic reclosing circuit breaker. 3,191,096, 6–22–65, Cl. 317—22.
Frank, Erich J., and L. W. Friedmann. Stimulating apparatus. 3,204,637, 9–7–65, Cl. 128—423.
Frank, Gerald F., to General Electric Co. Power amplifier. 3,202,907, 8–24–65, Cl. 323—89.
Frank, Gerhard R.: *See*—
Zorn, Hermann, and Frank. 3,205,259.
Frank, Gomer S. Visual color comparator having a rotatable color keyed standard. 3,176,577, 4–6–65, Cl. 88—14.
Frank, Heinrich H.: *See*—
McCloskey, Richard G., and Frank. 3,186,704.
Small, Charles B., Messe, and Frank. 3,221,962.
Frank, Heinrich H., to The Ridge Tool Co. Pipe reamer. 3,195,377, 7–20–65, Cl. 77—73.
Frank, Hermann, to Kienzle Apparate G.m.b.H. Apparatus for recording operations of a machine. 3,193,834, 7–6–65, Cl. 346—62.
Frank, Joseph E.: *See*—
Sanger, Richard B., and Frank. 3,177,730.
Frank, Karl F., to Micro-Balancing, Inc. Self-centering means for rotating shaft. 3,203,233, 8–31–65, Cl. 73—100.
Frank, Karl F., to Micro Balancing, Inc. High speed magnetic clutch means. 3,203,521, 8–31–65, Cl. 192—48.
Frank, Klaus: *See*—
Ebert, Hans, and Frank. 3,177,071.
Frank, Lorant E., A. Klein, and C. S. Jones, to General Precision, Inc. Pin board. 3,205,469, 9–7–65, Cl. 339—18.
Frank, Mervin E., and R. B. Rush, to Bunker-Ramo Corp. Multiple input counter utilizing magnetic drum storage. 3,219,802, 11–23–65, Cl. 235—92.
Frank, Raymond G., to Pennsalt Chemicals Corp. Rotary seal. 3,170,576, 2–23–65, Cl. 214—17.
Frank, Raymond G., to Pennsalt Chemicals Corp. Apparatus for drying comprising a removable cart with tray-supporting shelves. 3,184,862, 5–25–65, Cl. 34—87.
Frank, Richard J. Safety crutch. 3,213,869, 10–26–65, Cl. 135—47.5.
Frank, Robert K.: *See*—
Schneider, Alfred, Frank, and Fichuk. 3,182,648.
Frank, Robert M.: *See*—
Adler, Imre, Erhardt, and Frank. 3,224,604.
Frank, Rudolf: *See*—
Witzig, Karl E., and Frank. 3,208,127.
Frank, S. M., & Co., Inc.: *See*—
Fassbender, Frederick A. 3,212,508.
Fassbender, Frederick A. 3,223,091.
Frank, Sidney M., to Pullman Inc. Method for treating vapors formed during distillation. 3,215,745, 11–2–65, Cl. 260—610.
Frank, Theodore H., Jr.: *See*—
Brandon, James C., Jr., Frank, and Rahiser. 3,199,177.
Frank, W. R., Packaging Engineers, Inc.: *See*—
Frank, Walter R. 3,174,175.
Frank, Walter J., Jr.: *See*—
Sacks, Norman M., Frank, and Price. 3,183,476.
Frank, Walter R., to W. R. Frank Packaging Engineers, Inc. Ball applicator fitment. 3,174,175, 3–23–65, Cl. 15—572.
Frank, William H.: *See*—
Platz, Elwood T., and Frank. Re. 25,798.
Frank, William J., to The Warner & Swasey Co. Converter devices. 3,217,314, 11–9–65, Cl. 340—347.
Frank, William J., Jr., to The Warner & Swasey Co. Circuit selector system employing plural stepping switches. 3,200,-377, 8–10–65, Cl. 340—168.
Franke, Anton, to Sylvania Electric Products Inc. Repeating flash circuit for an electric lamp. 3,198,984, 8–3–65, Cl. 315—171.
Franke & Heidecke Fabrik Photographischer Prazisions-Apparate: *See*—
Faasch, Werner, Kückelhahn, and Schade. 3,174,418.
Franke, Manfred: *See*—
Awender, Hans, Becker, Franke, and Engel. 3,176,101.
Franke, Norman W.: *See*—
Anderson, John E., and Franke. 3,167,585.
Franke, Ray F.: *See*—
Stamm, Joseph A., Rumsey, and Franke. 3,200,724.
Franke, Walter: *See*—
Derichs, Fritz, Glosauer, Muller, Schade, and Franke. 3,166,604.
Heinrich, Erwin, Franke, Bueren, and Schneider. 3,206,-424.
Franke, Walter, E. Heinrich, and R. Muller, to Chemische Werke Huls Aktiengesellschaft. Terpolymer vinylacetate-2-oxymethyl - 1,4 - endomethylene cyclohexene-(5)-ethylene and process therefor. 3,174,952, 3–23–65, Cl. 260—80.5.
Frankel, Adolf, to Associated Electrical Industries Ltd. Turbine rotors. 3,209,838, 10–5–65, Cl. 170—169.
Frankel, Adolf, and J. A. Lorett, to Richardson, Westgarth & Co. Ltd. Flexible joint for duct system. 3,186,742, 6–1–65, Cl. 285—114.
Frankel, Ernest. Liquid dispensing with air venting. 3,211,-330, 10–12–65, Cl. 222—1.
Frankel, Gerald: *See*—
Cooper, Arthur H., and Frankel. 3,207,051.
Fränkel, Helmut J., and W. L. P. Reinhardt, to Shell Oil Co. Wide slit flow nozzle. 3,187,390, 6–8–65, Cl. 18—12.
Frankel & Kirchner, Fabrik fur Elektromotoren und elektrische Apparate, Firma: *See*—
Heidt, Alfred, and Bellon. 3,187,701.
Frankel, Milton B., to Aerojet-General Corp. N-(silico-alkyl) polynitropiperidines. 3,214,432, 10–26–65, Cl. 260—293.
Frankel, Samuel R., to American Safety Table Co., Inc. Thread trimming device. 3,191,562, 6–29–65, Cl. 112—252.
Frankel, Sidney. Winding and unwinding apparatus. 3,174,-701, 3–23–65, Cl. 242—75.51.
Frankel, Stanley P., to General Electric Co. Information storage system for microwave computer. 3,187,308, 6–1–65, Cl. 340—173.
Franken, Adrianus J. J.: *See*—
Van Dorsten, Adrianus C., and Franken. 3,197,635.
Frankenberg, Henry E., to Continental Can Co., Inc. Wire opener fulcrumed on can-end for breaking scored segment thereof. 3,215,305, 11–2–65, Cl. 220—48.

Frankenberg, Henry E., to Continental Can Co., Inc. Plastic overcap for domed top aerosol can. 3,225,958, 12–28–65, Cl. 220—60.
Frakenberg, Paul, to Devero Co. of America. Pancake-making machine. 3,215,062, 11–2–65, Cl. 99—353.
Frankenstein, P., & Sons (Manchester) Ltd.: *See*—
Neumark, Otto W. 3,169,542.
Smith, Rex S. 3,222,700.
Frankert, Otto P., to F. L. Smidth & Co. Method of making cement. 3,183,106, 5–11–65, Cl. 106—103.
Frankische Isolierrohr- und Metallwaren-Werke Gebrueder Kirchner: *See*—
Zieg, Wilhelm. 3,188,690.
Frankl, Daniel R., to General Telephone and Electronics Laboratories, Inc. Voltage variable capacitor with strontium titanate dielectric. 3,202,891, 8–24–65, Cl. 317—258.
Frankl, Ernest, to Winthrop-Atkins Co., Inc. Novelty folding device. 3,183,622, 5–18–65, Cl. 46—154.
Franklin, Alpheus A.: *See*—
Dunlap, Henry F., and Franklin. 3,208,209.
Franklin, Arthur W., R. A. Smith, and E. G. Richards, to The International Nickel Co., Inc. Nickel-chromium-iron alloys. 3,203,791, 8–31–65, Cl. 75—171.
Franklin, Arthur W., R. A. Smith, and E. G. Richards, to The International Nickel Co., Inc. Nickel-chromium-cobalt alloys. 3,207,599, 9–21–65, Cl. 75—171.
Franklin, Burton P., to H. K. Porter Co., Inc. Variable speed hand tool. 3,221,192, 11–30–65, Cl. 310—68.
Franklin, Cecil, to Simmonds Precision Products, Inc. Control circuit bridge for a relay. 3,172,018, 3–2–65, Cl. 317—148.5.
Franklin, Cecil, to Simmonds Precision Products, Inc. Electronic apparatus for testing the contact resistance of electromagnetic relays. 3,217,243, 11–9–65, Cl. 324—28.
Franklin Coffee Urn Corp.: *See*—
Kirchner, Franklin H. 3,183,905.
Franklin, Edward B., to Brown, Boveri & Cie, Aktiengesellschaft. Noise reducing arrangement for transformers. 3,173,117, 3–9–65, Cl. 336—100.
Franklin, Edward B., E. Ernst, and R. Kleiber, to Brown, Boveri & Cie, Aktiengesellschaft. Magnetic core having joints of zig-zag configuration with resin clamping means. 3,210,708, 10–5–65, Cl. 336—217.
Franklin Electric Co., Inc.: *See*—
Haifley, William E., Schaefer, and Lakes. 3,189,984.
Schaefer, Edward J. 3,175,418.
Schaefer, Edward J. 3,206,261.
Schaefer, Edward J. 3,219,898.
Franklin, Ernest, to United Kingdom Atomic Energy Authority. Thermometer devices. 3,211,002, 10–12–65, Cl. 73—362.
Franklin, Frederick, and P. K. Giloth, to United States of America, Navy. Method of tracking radar targets in presence of jamming. 3,184,739, 5–18–65, Cl. 343—15.
Franklin, Granvel. Apparel support rack. 3,202,293, 8–24–65, Cl. 211—96.
Franklin Institute, The: *See*—
Keiper, David A. 3,192,765.
Stubbs, Gilbert S. 3,206,621.
Franklin Institute of the State of Pennsylvania for the Promotion of the Mechanic Arts, The: *See*—
Donahoe, Francis J. 3,208,878.
Franklin, John A., to Falconbridge Nickel Mines Ltd. Car dumping apparatus. 3,176,860, 4–6–65, Cl. 214—64.
Franklin, John J., and E. W. Hine II, to Proctor & Schwartz, Inc. High speed conveyor with wear plates. 3,220,535, 11–30–65, Cl. 198—137.
Franklin, John J., and E. W Hine II, to Proctor & Schwartz, Inc. Material treating method and apparatus. 3,224,452, 12–21–65, Cl. 131—140.
Franklin, Kenneth V., and P. T. Ormiston, to Communications Patents Ltd. Radar simulation apparatus. 3,221,091, 11–30–65, Cl. 35—10.4.
Franklin, Le Roy H., and R. M. Trainer, to Overseas Finance and Trading Co. High voltage current limiting fuse. 3,222,479, 12–7–65, Cl. 200—120.
Franklin, Lester K. Cabinet for miniature radio receivers. 3,164,425, 1–5–65, Cl. 312—7.
Franklin, Lester K. Cabinet for radio receiving sets. 3,170,119, 2–16–65, Cl. 325—352.
Franklin Machine Products Co., Inc.: *See*—
Lewis, Martin J. 3,198,210.
Franklin, Maurice G., Jr., to St. Joe Paper Co. Container. 3,202,339, 8–24–65, Cl. 229—39.
Franklin, Maurice R., to Burcat Development Ltd. Means for separating superimposed sheets. 3,182,995, 5–11–65, Cl. 271—64.
Franklin, Philip J. Lightweight armor plate. 3,179,553, 4–20–65, Cl. 161—183.
Franklin, Richard, to Sperry Rand Corp. Analog to digital converter and counter for fluid application. 3,223,324, 12–14–65, Cl. 235—201.
Franklin, Richard L., J. R. Guseman, and E. A. Pelczarski, to United States Steel Corp. Method and composition for making carbonate-bonded agglomerates. 3,205,063, 9–7–65, Cl. 75—3.
Franklin, Robert P. Self-cleaning hole saw. 3,220,449, 11–30–65, Cl. 145—120.
Franklin, Stanley P., to General Motors Corp. Poppet valve actuation. 3,195,528, 7–20–65, Cl. 123—90.
Franklin, Terrell E., to Westinghouse Electric Corp. Casing and insulator bushing assembly. 3,214,511, 10–26–65, Cl. 174—153.
Franklin, William E. Mailbox. 3,189,265, 6–15–65, Cl. 232—19.
Franko, Fredrick M., to General Electric Co. Cutting insert. 3,187,406, 6–8–65, Cl. 29—95.
Franks, Bobby L., and F. B. Cahaly. Back box leather latch for looms. 3,199,543, 8–10–65, Cl. 139—183.
Franks, Desmond M.: *See*—
Saville, Peter A., and Franks. 3,216,153.
Franks, Ferdinand F., to Fenestra Inc. Locking bar for auxiliary landing mat. 3,175,476, 3–30–65, Cl. 94—13.
Franks, John T., Jr., to Goodyear Aerospace Corp. Magnetic shift register. 3,184,722, 5–18–65, Cl. 340—174.
Franks, John T., Jr., to Goodyear Aerospace Corp. Multiaperture logic element. 3,196,280, 7–20–65, Cl. 307—88.
Franks, John T., Jr., to Goodyear Aerospace Corp. Magnetic circuits. 3,196,417, 7–20–65, Cl. 340—174.
Franks, Leland G., Jr.: *See*—
Niemi, Arne E., and Franks. 3,210,124.
Franksson, Jan R., to Casco, Aktiebolaget. Method in the production of compression moulded objects. 3,164,648, 1–5–65, Cl. 264—109.
Frankton, William J., to International Standard Electric Corp. Carrier current communication systems incorporating repeaters. 3,189,694, 6–15–65, Cl. 179—175.31.
Frann, Stamates I., and P. J. McKeown, to Sperry Rand Corp., Ford Instrument Co. Division. Autocorrector for dead reckoning navigation computer. 3,196,264, 7–20–65, Cl. 235—187.
Franqui, Eduardo P. Photo-printing or photo-engraving apparatus for full line and half tone plates. 3,177,763, 4–13–65, Cl. 88—24.
Franse, Albert D.: *See*—
Samuelson, Gilbert J., and Franse. 3,167,402.
Fransen, Arie: *See*—
Starre, Gerrit, Fransen, and Driessen. 3,191,297.
Franson, Paul D.: *See*—
Kasbohm, Martin L., Portzer, Dellinger, and Franson. 3,174,292.
Fransson, Frank E.: *See*—
Larkfeldt, Ove C. G., and Fransson. 3,195,738.
Fransson, Sten G.: *See*—
Fredenmark, Gunnar L., and Fransson. 3,196,103.
Fransworth, Veri R.: *See*—
Speight, Paul L., and Fransworth. 3,206,238.
Frantti, Edsel W., to United States of America, Navy. Submarine air conditioning module. 3,205,667, 9–14–65, Cl. 62—3.
Frantz, Clarence G., to Frantz Electric Industries Inc. Vacuum cleaner with cord ring. 3,166,777, 1–26–65, Cl. 15—323.
Frantz Electric Industries Inc.: *See*—
Frantz, Clarence G. 3,166,777.
Frantz, George H.: *See*—
Vruggink, John E., and Frantz. 3,196,192.
Frantz, Lawrence D. Fishing equipment retriever. 3,224,132, 12–21–65, Cl. 43—17.2.
Frantz Mfg. Co.: *See*—
Wolf, Cecil R., Holland, and Sharp. 3,169,612.
Wolf, Cecil R., and Sharp. 3,217,784.
Frantz, Nicholas, and N. Kawamoto, to Carter Parts Co. Electrical device having a hollow housing with one or more contact elements mounted thereon. 3,166,649, 1–19–65, Cl. 200—51.1.
Frantz, Robert H.: *See*—
Kinkaid, Robert J., and Frantz. 3,173,737.
Frantz, Russell K.: *See*—
Neeley, Arthur H., and Frantz. 3,213,112.
Frantz, S. G., Co., Inc.: *See*—
Frantz, Samuel G. 3,221,882.
Frantz, Samuel G., to S. G. Frantz, Co., Inc. Magnetic-restrictive separator. 3,221,882, 12–7–65, Cl. 210—223.
Frantz, Virgil L., to Graham-White Sales Corp. Clean-out plug. 3,207,540, 9–21–65, Cl. 291—11.
Frantz, William: *See*—
Borcher, Charles A., and Frantz. 3,221,562.
Frantz, William, to Martin-Marietta Corp. Incremental digital fluid actuator. 3,164,065, 1–5–65, Cl. 91—365.
Frantz, William, to Martin-Marietta Corp. Error sensitive fluid operated actuator. 3,221,609, 12–7–65, Cl. 91—405.
Frantzen, John J., to Buckbee-Mears Co. Etching polyester film. 3,186,883, 6–1–65, Cl. 156—7.
Frantzen, John J., Jr., to Buckbee-Mears Co. Process for making vacuum fixtures for miniature magnetic memory cores. 3,214,273, 10–26–65, Cl. 96—36.
Frantzen, Karl H., to Northern Gas Products Co. Method of treating soil and growing plants. 3,184,891, 5–25–65, Cl. 47—58.
Frantzen, Karl H., to Northern Gas Products Co. Propane gas dispenser assembly. 3,185,117, 5–25–65, Cl. 111—7.
Franz, Arvel O., and B. P. Lovinggood. Apparatus for preparation of solids in liquid dispersions. 3,222,036, 12–7–65, Cl. 259—44.
Franz, Raymond A., to Monsanto Co. Stabilizing vinyl aromatic with amine-sulfur mixtures. 3,207,798, 9–21–65, Cl. 260—666.5.
Franz, Raymond A., and R. N. Moore, to Monsanto Co. Process for condensation of aromatic compounds with unsaturated hydrocarbons. 3,198,845, 8–3–65, Cl. 260—668.
Franz, Richard D.: *See*—
Warner, Paul F., and Franz. 3,214,386.
Franze, Clemens: *See*—
Berthmann, Adolf, Franze, and Lingens. 3,212,945.

Franzen, Donald E. Asparagus harvester. 3,176,456, 4–6–65, Cl. 56—327.
Franzen, John, to J. A. Franzen. Control device for furnace gases in hot water boilers. 3,170,419, 2–23–65, Cl. 110—97.
Franzen, John A.: *See*—
Franzen, John. 3,170,419.
Franzen, Kurt, and H. Lehmann, to P. Beiersdorf & Co., Aktiengesellschaft. Pressure sensitive adhesive sheet material with diketene-acrylic acid ester copolymer coating. 3,189,480, 6–15–65, Cl. 117—122.
Franzen, Paul R., to Midland Dimold Co. Slot cutter. 3,180,380, 4–27–65, Cl. 145—121.
Franzus, Boris: *See*—
Wicklatz, John E., and Franzus. 3,193,566.
Fraser, George K., to Vare Industries, Inc., Pressure control system. 3,211,176, 10–12–65, Cl. 137—494.
Fraser, James, to Speakman Co. Mixing valve. 3,211,180, 10–12–65, Cl. 137—625.17.
Fraser, James, and J. G. Pecis, to Speakman Co. Single handle faucet. 3,211,181, 10–12–65, Cl. 137—625.17.
Fraser, James M., and G. W. Day, to Vacuumatic Ltd. and J. Gosheron & Co., Ltd. Closures for containers. 3,178,865, 4–20–65, Cl. 53—42.
Fraser, Joseph: *See*—
Mast, Ray, Rebar, and Fraser. 3,212,855.
Fraser, Kenneth G.: *See*—
Stillwagon, George B., Jr. 3,178,908.
Fraser, Malcolm J., to Westinghouse Electric Corp. Apparatus for electrically insulating the turns of superconducting coils. 3,210,610, 10–5–65, Cl. 317—123.
Fraser, Murdo, and G. P. Tilly, to Associated Electrical Industries Ltd. Bonding of metal plates to semi-conductor materials. 3,216,088, 11–9–65, Cl. 29—155.5.
Fraser, Reginald P., and G. T. Furman, to Urquhart's (1926) Ltd. Apparatus for mixing fluids. 3,185,448, 5–25–65, Cl. 259—4.
Fraser, Robert W.: *See*—
Mitchell, Edward B., and Fraser. 3,213,189.
Fraser, William, to Aluminum Laboratories Ltd. Rotary extractor cone for shaft furnace. 3,204,941, 9–7–65, Cl. 266—25.
Fraser, William G.: *See*—
Ramsden, Charles D., Robertson, and Fraser. 3,213,807.
Frashour, Ronald G., and R. J. Pfeiffer, to Forrest Industries, Inc. Composition board flooring strip. 3,200,553, 8–17–65, Cl. 52—595.
Frasier, Curtis L., to The Morley Co. Mattress border programmer. 3,193,164, 7–6–65, Cl. 227—5.
Frasure, Lawrence R.: *See*—
Child, Claude H., and Frasure. 3,185,984.
Fratantuno, Joseph, to Laboratory for Electronics, Inc. Radioactive sample processing apparatus including a closed loop horizontal conveyor system and an elevator positioned beneath the loop for elevating the samples to a detector. 3,187,182, 6–1–65, Cl. 250—106.
Frate, Roland A.: *See*—
Coates, Herbert W., and Frate. 3,180,782.
Fratelli Borletti, Soc. per Azioni: *See*—
Moro, Antonio. 3,221,126.
Frater, George G., and L. F. Sickler, to G. B. Lewis Co. Conveyor with stabilizing means. 3,187,880, 6–8–65, Cl. 198—158.
Frauenheim, Joseph A., Sr. Grass catcher for grass shears. 3,212,186, 10–19–65, Cl. 30—131.
Fraunfelder, James A., J. S. Cubert, and T. H. Bonn, to Sperry Rand Corp. Phase modulation read out circuit. 3,209,268, 9–28–65, Cl. 328—165.
Frawley, Norman E.: *See*—
Roesinger, Fred R., and Frawley. 3,212,801.
Frawley, Norman E., to North American Aviation, Inc. Electronic module receptacle. 3,212,568, 10–19–65, Cl. 165—69.
Fray, Gordon I.: *See*—
Robinson, Robert, and Fray. 3,180,893.
Frayer, Theodore, to The Goodyear Tire & Rubber Co. Self energizing ring disc brake. 3,170,542, 2–23–65, Cl. 188—76.
Fraysse, Georges, G. and P. Mirat, and Y. Pichoff, to Commissariat a' l'Energie Atomique. Amplitude analysing spectrometer. 3,187,217, 6–1–65, Cl. 315—12.
Fraze, Ermal C. Method of fabricating a sheet metal joint. 3,191,564, 6–29–65, Cl. 113—121.
Fraze, Ermal C. Sheet metal joint. 3,191,797, 6–29–65, Cl. 220—54.
Fraze, Ermal C. Apparatus for fabricating sheet metal joints. 3,196,817, 7–27–65, Cl. 113—1.
Fraze, Ermal C. Method of interconnecting two sheets of deformable material. 3,198,155, 8–3–65, Cl. 113—121.
Frazel, Wilbur H., to The New York Air Brake Co. Gravimetric feeder. 3,182,738, 5–11–65, Cl. 177—120.
Frazel, Wilbur H., to The New York Air Brake Co. Belt gravimetric feeder zeroing device. 3,199,655, 8–10–65, Cl. 198—53.
Frazer, Howard W., and A. S. Behrman, to Fuller Co. Continuous ion exchange apparatus and process. 3,215,624, 11–2–65, Cl. 210—33.
Frazer, Jack W., to United States of America, Atomic Energy Commission. N,N-difluoroalkylamines. 3,166,595, 1–19–65, Cl. 260—583.
Frazer, Walter J., and T. S. Grabowski, to Borg-Warner Corp. Blends of poly(methyl methacrylate) and graft copolymer resin. 3,177,268, 4–6–65, Cl. 260—876.
Frazier, David, to The Standard Oil Co. Helium separation. 3,184,899, 5–25–65, Cl. 55—16.
Frazier, Herman M.: *See*—
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Frazier, John E., N. L. Murphy, B. A. Elia, and J. C. McCreary, to Frazier-Simplex, Inc. Electric glass melting furnace. 3,182,113, 5–4–65, Cl. 13—6.
Frazier, John E., and N. L. Murphy, to Frazier-Simplex, Inc. Glass melting furnace. 3,201,219, 8–17–65, Cl. 65—347.
Frazier, Larry C., to National-Standard Co. Tire building apparatus. 3,219,510, 11–23–65, Cl. 156—403.
Frazier, Larry C., to National-Standard Co. Bead placing and sealing apparatus for tire building machine. 3,224,921, 12–21–65, Cl. 156—403.
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Morris, Charles W., Ulyate, and Frazier. 3,209,532.
Frazier, Marion R. Cartoning machine. 3,186,314, 6–1–65, Cl. 93—53.
Frazier, Michael E., to Tac, Inc. Trash bag holder and trash bag therefor. 3,218,014, 11–16–65, Cl. 248—101.
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Frazier, John E., and Murphy. 3,201,219.
Frazier, John E., Murphy, Elia, and McCreary. 3,182,113.
Frazier, Thomas C., to Allied Chemical Corp. Urea-formaldehyde molding compositions containing cyanuric acid as latent curing catalyst and method. 3,223,656, 12–14–65, Cl. 260—17.3.
Frazier, Thomas C., Jr., to Allied Chemical Corp. Processes for producing trichloroisocyanuric acid. 3,184,458, 5–18–65, Cl. 260—248.
Frazier, Van L., to The Dayton Steel Foundry Co. Suspension system for tandem axles interconnected by power transmission means. 3,166,142, 1–19–65, Cl. 180—22.
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Sexsmith, David R., and Frazza. 3,216,979.
Frazza, Everett J., to American Cyanamid Co. Copolymers of dinitrile oxides and difunctional comonomers having acetylenic and ethylenic unsaturation. 3,213,068, 10–19–65, Cl. 260—79.3.
Frazza, Everett J., and L. Rapoport, to American Cyanamid Co. Preparation of dialkyl cyanovinylamines. 3,170,948, 2–23–65, Cl. 260—465.5.
Frear, Lawrence: *See*—
Christensen, Frank L., and Frear. 3,220,148.
Freathy, Ralph E., and R. L. Van Antwerp, to V-M Corp. Electrical connector-switch mechanism. 3,209,091, 9–28–65, Cl. 200—51.
Frech, George A.: *See*—
Ehlen, Jack W., and Frech. 3,170,497.
Freche, John C., T. J. Riley, and W. J. Waters, to United States of America, National Aeronautics and Space Administration. Nickel-base alloy. 3,167,426, 1–26–65, Cl. 75—171.
Frechette, Kenneth R.: *See*—
Cetran, Louis, and Frechette. 3,225,886.
Frechette, Leo P., and H. D. Gaudet, to Royal McBee Corp. Two stage combination cam and spring powered case shift mechanism. 3,174,609, 3–23–65, Cl. 197—73.
Frechette, Leo P., and R. J. Slabinski, to Royal McBee Corp. Space and repeat space bar mechanism for an electric typewriter. 3,212,616, 10–19–65, Cl. 197—82.
Frechette, Leo P., and H. D. Gaudet, to Royal Typewriter Co., Inc. Forward and back spacing mechanism. 3,217,850, 11–16–65, Cl. 197—82.
Frechette, Thomas E.: *See*—
Smusz, Teddy F., Lizotte, and Frechette. 3,191,740.
Freck, David: *See*—
Allenden, Dennis, Boddy, Freck, and Hunt. 3,209,151.
Freck, David V., and J. Wakefield, to Associated Electrical Industries Ltd. Method of using protective coating over layer of lithium being diffused into substrate. 3,212,943, 10–19–65, Cl. 148—188.
Freda, Francis. Controllably adjustable mounting means. 3,222,052, 12–7–65, Cl. 269—69.
Fredd, John V., to Otis Engineering Corp. Well tools. 3,171,483, 3–2–65, Cl. 166—46.
Fredd, John V., to Otis Engineering Corp. Perforator hanger. 3,183,972, 5–18–65, Cl. 166—35.
Frede, Herbert: *See*—
Junghanns, Paul, Frede, and Burger. 3,191,248.
Frede, Herbert J.: *See*—
Bielat, John S., and Frede. 3,165,630.
Frede, Herbert J., and R. L. Johnson, to Polaroid Corp. Self-developing X-ray film cassette. 3,174,039, 3–16–65, Cl. 250—68.
Fredenburg, Robert H., to Pittsburgh Plate Glass Co. Stabilization of methyl chloroform. 3,201,482, 8–17–65, Cl. 260—652.5.
Fredenmark, Gunnar L., and S. G. Fransson, to Nynas-Petroleum of Stockholm, AB. Distillation of naphthenic acid-containing mineral oils. 3,196,103, 7–20–65, Cl. 208—263.
Frederick, Arthur F.: *See*—
Baxley, Charles E., and Frederick. 3,211,213.
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Frederick, George E., to The Bendix Corp. Kinetic energy absorbing device. 3,171,546, 3–2–65, Cl. 213—1.
Frederick, George E., Jr.: *See*—
Price, William G., and Frederick. 3,175,699.
Frederick, Henry. Self-locking sheet metal nut. 3,203,302, 8–31–65, Cl. 85—36.
Frederick, James E.: *See*—
Adamson, Floyd E., and Frederick. 3,210,522.
Frederick, Joseph. Straw chopping apparatus. 3,186,460, 6–1–65, Cl. 146—117.
Frederick, Mahlon M., to Van Raalte Co., Inc. Run-stop for hosiery. 3,208,241, 9–28–65, Cl. 66—172.
Frederick, Mahlon M., to Vac Hosiery Corp. Hosiery. 3,212,-299, 10–19–65, Cl. 66—178.
Frederick & Nelson, a division of Marshall Field & Co.: *See*—
McDonald, Elwood L. 3,207,088.
Frederick, Philip, to Supreme Steel Equipment Corp. Mobile storage cabinets. 3,210,143, 10–5–65, Cl. 312—281.
Frederick Post Co., The: *See*—
Hollmann, Walter G. 3,202,510.
Fredericks, George W., and W. T. Wichman, to Bell Telephone Laboratories, Inc. Encoding and storage apparatus for traffic measuring. 3,164,824, 1–5–65, Cl. 340—347.
Fredericks, Harold: *See*—
MacDonnell, Frank, and Fredericks. 3,195,723.
Fredericks, William M. Scent producing candle and method for making same. 3,175,875, 3–30–65, Cl. 21—116.
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Frederiksen, Harald D., to The Regents of the University of Minnesota. Wave attenuator. 3,197,963, 8–3–65, Cl. 61—5.
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Fredley, James C., and G. E. Sleighter, to Pittsburgh Plate Glass Co. Coating of glass sheet while deformable and supported on gas. 3,223,549, 12–14–65. Cl. 117—119.8.
Fredman, Lester, to Western Chemical Corp. Phosphate and thiophosphate urethanes. 3,220,961, 11–30–65, Cl. 260—2.5.
Fredman, Milton, and A. Perlmutter. Word forming game board and playing pieces therefor. 3,195,893, 7–20–65, Cl. 273—130.
Fredrick, Jerome F., to The Dodge Chemical Co. Method of tissue fixation with PVP-formaldehyde complex or 5-lower alkyl PVP-formaldehyde complex. 3,212,968, 10–19–65, Cl. 167—49.5.
Fredrick, Russell E., to Minnesota Mining & Mfg. Co. Thermoelectric alloy. 3,224,876, 12–21–65, Cl. 75—166.
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Freed, Jacob B., to The Duriron Co., Inc. Sleeve lined plug valves. 3,206,163, 9–14–65, Cl. 251—309.
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Freed, Meier E., and S. J. Childress, to American Home Producs Corp. Substituted 3-β-fluorobenzoylpropyl-phenylalkylamines and method for making the same. 3,197,507, 7–27–65, Cl. 260—570.5.
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Ballass, John T., and Freedman. 3,192,077.
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Freedman, Emiel, to Trifari, Krussman, and Fishel, Inc. Process for separating substantially pure alkali metal gold cyanides from impure solutions thereof. 3,180,705, 4–27–65, Cl. 23—77.
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Freeman, Quilla H. Double runner ice skate having resiliently mounted foot plate. 3,199,883, 8–10–65, Cl. 280—11.14.
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Fried, Josef, to Olin Mathieson Chemical Corp. Methyl 16,17β-(1′,2′-Δ²-cyclohexeno)-4,4,14-trimethyl - 3′ - isopropyl-Δ⁸-androstene-3β-ol-15-one-6′α-carboxylate and intermediates in the preparation thereof. 3,213,115, 10–19–65, Cl. 260—397.1.

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Fried, Louis, and A. R. D'Andrea. Receptacle and opening means therefor. 3,195,764, 7–20–65, Cl. 220—54.

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Friedman, Lester, to Union Carbide Corp. Phosphorus esters and polymers thereof. 3,194,795, 7–13–65, Cl. 260—80.3.

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Frost, Paul D., and T. G. Byrer, to United States of America, Army. Magnesium-lithium-yttrium alloys. 3,189,442, 6–15–65, Cl. 75—122.7.

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Frowein, Egbertus, and S. Ruffieux, to Aktiengesellschaft Brown, Boveri & Cie. Compressed gas actuated circuit breaker having a dwell phase in the opening stroke of the movable contact. 3,226,513, 12–28–65, Cl. 200—148.
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Frump, John A., to Commerical Solvents Corp. Process for the production of amino hydroxyethers. 3,179,697, 4–20–65, Cl. 260—570.6.
Frump, John A., to Commercial Solvents Corp. Method for changing the crystal habit of monosodium glutamate. 3,183,263, 5–11–65, Cl. 260—534.
Frump, John A., and A. P. Miller, to Commercial Solvents Corp. Method for changing the crystal habit of monosodium glutamate. 3,187,039, 6–1–65, Cl. 260—534.
Früngel, Frank. Light control arrangement. 3,200,410, 8–10–65, Cl. 352—84.
Frungel, Frank. Spark discharge lamp having a predetermined ratio between the cross-sections of the electrodes and the inner surface of the tube. 3,204,147, 8–31–65, Cl. 315—241.
Fruth, Hal F., and C. J. Mitchell. Liquid applicator device. 3,184,888, 5–25–65, Cl. 47—1.5.
Frutiger, Fritz: *See*—
Schmidt, Albert. 3,201,291.
Fry, Edwin L., to Fry and Co. Portable conveyor system. 3,184,045, 5–18–65, Cl. 198—233.
Fry, Emile J.: *See*—
Brown, George R., and Fry. 3,183,727.
Fry, Fred C. Hoisting attachment for a ladder. 3,208,555, 9–28–65, Cl. 182—116.
Fry, Horace P., Jr., to FMC Corp. Manufacture of thin-wall tubing. 3,223,762, 12–14–65, Cl. 264—95.
Fry, Horace P., Jr., to FMC Corp. Apparatus for making weftless tape. 3,224,922, 12–21–65, Cl. 156—433.
Fry, Jeremy J., to Rotork Engineering Co. Ltd. Valve actuators. 3,198,033, 8–3–65, Cl. 74—625.
Fry, Jeremy J., to Rotork Engineering Co. Ltd. Torque and position responsive limit switch. 3,209,090, 9–28–65, Cl. 200—47.
Fry, John J., and C. C. Gingrich, Jr., to Western Electric Co., Inc. Simultaneous etching and monitoring of semiconductor bodies. 3,192,141, 6–29–65, Cl. 204—143.
Fry, John S., J. Wynstra, and W. W. Moyer, to Union Carbide Corp. Polycarbonate process. 3,173,891, 3–16–65, Cl. 260—47.
Fry, John S., and J. L. Welch, Jr., to Union Carbide Corp. Heat hardenable compositions of tri- or tetra-glycidyl ethers and phenolic resins. 3,218,370, 11–16–65, Cl. 260—831.
Fry, Michael G. J., to Brentford Electric Ltd. Voltage or current regulator apparatus. 3,195,038, 7–13–65, Cl. 323—25.
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Pearce, George C., Evans, Fry, and Milburn. 3,189,019.
Fry, William L., and A. F. Uhlig, to Owens-Illinois Glass Co. Inspecting hollow containers for line-over-finish defects. 3,176,842, 4–6–65, Cl. 209—111.5.
Fryar, Jack R., to Phillips Petroleum Co. Glycol-gas separator system and method. 3,182,434, 5–11–65, Cl. 55—32.
Fryar, Jack R., to Phillips Petroleum Co. Fluid separation and gas dehydration process. 3,210,270, 10–5–65, Cl. 10–5–65, Cl. 208,341.
Fryba, Josef. Rail track traffic indicator system. 3,169,734, 2–16–65, Cl. 246—77.
Frydryk, John T., to Johnson & Johnson. Tail tacking device. 3,175,533, 3–30–65, Cl. 118—202.
Frydryk, John T., to Johnson & Johnson. Sewing machine feeding mechanism. 3,208,418, 9–28–65, Cl. 112—212.
Frydryk, John T., to Johnson & Johnson. Method of making a crib sheet. 3,208,419, 9–28–65, Cl. 112—262.
Frye, Alfred H.: *See*—
Bratton, Francis H., Buescher, Frye, and Soukup. 3,187,061.
Frye, Burton L. R. Microfilm viewer. 3,170,259, 2–23–65, Cl. 40—63.
Frye, Clifton G.: *See*—
Brennan, Harry M., Coley, Frye, and Gutberlet. 3,182,097.
Frye, Colin M., H. Milburn, and R. H. B. Winder, to Dowty Mining Equipment Ltd. Hydraulic mine roof supporting devices. 3,164,066, 1–5–65, Cl. 91—412.
Frye, James A., to Halliburton Co. Mixing apparatus for producing oil well formation fracturing compositions. 3,191,912, 6–29–65, Cl. 259—7.
Frye, Kenneth W. Tricycle with locking caster wheel. 3,206,223, 9–14–65, Cl. 280—274.
Frye, Norman V. Folding ground anchor. 3,197,928, 8–3–65, Cl. 52—157.
Frye, Reinhold A. Rotary engine. 3,174,274, 3–23–65, Cl. 60—1.
Frye, Reinhold A., to General Precision, Inc. Two-axis gas bearing gyro. 3,183,725, 5–18–65, Cl. 74—5.7.
Frye, William A., to General Motors Corp. Method of manufacturing a drive roller for a domestic appliance. 3,168,773, 2–9–65, Cl. 29—148.4.
Frye, William A., to General Motors Corp. Steering wheel. 3,222,952, 12–14–65, Cl. 74—552.
Fryer Corp., The: *See*—
Mason, Howard C. 3,169,646.
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Fryer, Rodney I., R. A. Schmidt, and L. H. Sternbach, to Hoffmann-La Roche Inc. Benzodiazepine compounds. 3,182,067, 5–4–65, Cl. 260—296.
Fryer, Rodney I., R. A. Schmidt, and L. H. Sternbach, to Hoffman-La Roche Inc. 2-acetamidobenzoyl-pyridines. 3,182,065, 5–4–65, Cl. 260—295.
Fryer, Rodney I., R. A. Schmidt, and L. H. Sternbach, to Hoffman-La Roche Inc. Aminophenyl-pyridyl ketones. 3,182,066, 5–4–65, Cl. 260—296.
Frykhult, Rune H., to A. Ekstroms Maskinaffar, Aktiebolaget. Apparatus for dewatering liquid-containing material composition, preferably fibrous pulp suspensions. 3,220,340, 11–30–65, Cl. 100—121.
Fryklund, Dorothy H.: *See*—
Fryklund, Robert A. 3,168,733.
Fryklund, Robert A. 3,192,431.
Fryklund, Per A., to Allmanna Svenska Elektriska Aktiebolaget. High pressure apparatus. 3,201,828, 8–24–65, Cl. 18—16.5.
Fryklund, Robert A., to Raytheon Co. Radar antenna transmitting and receiving system. 3,196,349, 7–20–65, Cl. 325—15.
Fryklund, Robert A., deceased, by D. H. Fryklund, administratrix, to Raytheon Co. Cathode ray tube display systems. 3,168,733, 2–2–65, Cl. 343—11.
Fryklund, Robert A., deceased, by D. H. Fryklund, administratrix, to Raytheon Co. Deflection system for cylindrical beam cathode ray tube. 3,192,431, 6–29–65, Cl. 315—18.
Fryrear, William A., Jr. Removable partial denture prosthesis. 3,192,583, 7–6–65, Cl. 22—193.
Frysinger, Edward B., to Hughes Aircraft Co. Monostable multivibrator with variable pulse width. 3,211,926, 10–12–65, Cl. 307—88.5.
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Elliott, Victor B., and Winslade. 3,196,829.
Fuchiwaki, Shinobu, to Hitachi Zosen Kabushiki Kaisha. Continuous pressurized impregnator type pulping digester. 3,180,789. 4–27–65, Cl. 162—237.
Fuchs, Ekkehard, and W. Liesk, to Siemens & Halske Aktiengesellschaft. Method of and device for magnetizing a specimen in an electron microscope. 3,182,195, 5–4–65, Cl. 250—49.5.
Fuchs, Francis J., Jr., and H. R. Tillman, to Western Electric Co., Inc. Mechanism for shearing tubular members. 3,171,312, 3–2–65, Cl. 83—191.
Fuchs, Francis J., Jr., and W. R. Wyatt, to Western Electric Co., Inc. Combined feeding and marking apparatus. 3,225,689, 12–28–65, Cl. 93—44.1.
Fuchs, Frieda W.: *See*—
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Stamberger, Paul, and Fuchs. 3,219,599.
Fuchs, Gyula, 33% to I. Papsi, and 7% to S. T. Brinsky. Screw propeller. 3,179,182, 4–20–65, Cl. 170—156.
Fuchs, Klaus: *See*—
Simon, Franz E., Fuchs, and Peierls. 3,208,197.
Fuchs, Martin, to Fr. Hesser Maschinenfabrik-Aktiengesellschaft. Machine for producing folded boxes. 3,225,667, 12–28–65, Cl. 93—44.1.

Fuchs, Otto, to Olin Mathieson Chemical Corp. Purification of organic isocyanates by liquid-liquid extraction and distillation. 3,211,631, 10–12–65, Cl. 202—60.
Fuchs, Otto, and H. Rentel, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. N-methylolated diamino-dihydroxyanthraquinones, mixtures thereof and their production. 3,195,973, 7–20–65, Cl. 8—25.
Fuchs, Otto, and H. Rentél, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. 2-bromo-1,4-diamino-5-or 8-nitro anthraquinone. 3,215,711, 11–2–65, Cl. 260—381.
Fuchs, Paul E. Reflector for a Christmas tree or the like. 3,210,535, 10–5–65, Cl. 240—10.
Fuchs, Robert J.: *See*—
Chapin, Howard R., and Fuchs. 3,212,353.
Fuchs, Walter. Filter for drinking water. 3,217,888, 11–16–65, Cl. 210—266.
Fuchs, Walter M.: *See*—
Stamberger, Paul, and Fuchs. 3,219,599.
Fuchs, Walter M., deceased (by F. W. Fuchs, sole heir), and P. Stamberger; said F. W. Fuchs assor. to Crusader Chemical Co., Inc. Polymeric quaternary ammonium salt compositions and method of making the same. 3,219,639, 11–23–65, Cl. 260—80.5.
Fuchs, Warren J.: *See*—
Ben-Ari, Carmela, and Fuchs. 3,170,762.
Fuchsman, Charles H., to Ferro Corp. Polyolefins stabilized with an (alkylphenol) monosulphide and a nickel alkoxide. 3,201,368, 8–17–65, Cl. 260—45.75.
Fudakowski, Wojciech J.: *See*—
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Fudaley, Solly L., to International Telephone and Telegraph Corp. 2-to-4 wire converter. 3,189,693, 6–15–65, Cl. 179—170.
Fuderer, Andrija, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Compression process for refrigeration. 3,203,194, 8–31–65, Cl. 62—114.
Fuehrer, George H., to Thor Power Tool Co. Rotor assembly for fluid-handling device. 3,191,503, 6–29–65, Cl. 91—140.
Fuehrer, George H., to Thor Power Tool Co. Sinker drill. 3,203,489, 8–31–65, Cl. 173—36.
Fuell, Frederick J., to Fairey Engineering Ltd. Servo systems. 3,220,317, 11–30–65, Cl. 91—411.
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Cook, Robert W. 3,201,975.
Fuentes, Gabriel, Jr. Prosthetic poultry spur. 3,224,412, 12–21–65, Cl. 119—1.
Fuentevilla, Manuel E., to Pennsalt Chemicals Corp. Freeze drying apparatus and method. 3,176,408, 4–6–65, Cl. 34—5.
Fuerst, Charles: *See*—
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Fuerst, Edwin W., to Monsanto Co. Apparatus for forming indicia on articles. 3,180,252, 4–27–65, Cl. 101—40.
Fuerst, Herbert. Collapsible cart. 3,214,187, 10–26–65, Cl. 280—36.
Fuerst, Robert J., to Kores Mfg. Corp. Contact copy correcting sheet and method of using. 3,170,807, 2–23–65, Cl. 117—2.
Fuerstein, Ludwig J., and F. F. Koehn, to Pemco, Inc. Packaging and wrapping machine. 3,213,591, 10–26–65, Cl. 53—379.
Fueslein, John R., R. R. Rader, and E. C. Roper, to Mueller Brass Co. Pressure seal plug. 3,200,984, 8–17–65, Cl. 220—24.5.
Fugassi, Lucien A., to National Steel Corp. Furnace construction. 3,185,461, 5–25–65, Cl. 263—41.
Fugassi, Lucien A., to National Steel Corp. Strip straightening. 3,188,846, 6–15–65, Cl. 72—183.
Fugate, James A. Roller applicators for liquids. 3,187,368, 6–8–65, Cl. 15—548.
Fugate, James A. Roller applicators for liquids. 3,187,369, 6–8–65, Cl. 15—548.
Fuge, Harry B., to The Singer Co. Positional control systems. 3,170,424, 2–23–65, Cl. 112—219.
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Fuglsang-Madsen, Erik, and B. Monberg. Expellant holders for stick material. 3,175,680, 3–30–65, Cl. 206—56.
Fuhr, Herbert W., to Celanese Corp. of America. Process of shrink-proofing fabrics. 3,166,824, 1–26–65, Cl. 28—76.
Fuhring, Heinrich, to M. Bohler and F. Weber. Chemical cleaning drum and distiller tank therefor. 3,169,537, 2–16–65, Cl. 134—111.
Führing, Heinrich, and J. H. Sieber. Chemical cleaning apparatus. 3,203,110, 8–31–65, Cl. 34—80.
Fuhrman, Richard E., to Borg-Warner Corp. Refrigerating compressor. 3,201,676, 8–17–65, Cl. 318—558.
Fuhrmann, Ernst, to Goetzewerke Friedrich Goetze Aktiengesellschaft. Piston seal for rotary engines. 3,186,384, 6–1–65, Cl. 123—8.
Fuhrmann, Ernst, to Goetzewerke Friedrich Goetze Aktiengesellschaft. Sealing bar for rotating piston engines. 3,194,488, 7–13–65, Cl. 230—145.
Fuhrmann, Ernst, to Goetzewerke Friedrich Goetze A.-G. Apparatus for automatically inspecting split rings. 3,223,-223, 12–14–65, Cl. 198—19.
Fuhrmann, Ernst, and M. Frenzel, to Goetzewerke Friedrich Goetze Aktiengesellschaft. Radial seal for rotary piston engines. 3,180,564, 4–27–65, Cl. 230—145.
Führmann, Hans, to S.L.F. Enggineering Co. Method for analytical testing of liquids. 3,193,355, 7–6–65, Cl. 23—230.
Fuhrmann, Hans, to Messrs. Bran & Lubbe. Apparatus for gas analysis. 3,226,200, 12–28–65, Cl. 23—254.
Fuhrmann, Herbert W.: *See*—
Schulze, William A., and Fuhrmann. 3,164,992.
Fuhrmann, Robert, and F. W. Koff, to Allied Chemical Corp. Polymerization promoter. 3,177,189, 4–6–65, Cl. 260—93.7.
Fuhs, Allen E., to United States of America, Army. Apparatus and method of combustion control. 3,193,199, 7–6–65, Cl. 236—15.
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Fujie, Akio: *See*—
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Fujii, Katsumi. Sliding side jaw wrench having a secure bearing pin. 3,174,366, 3–23–65, Cl. 81—165.
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Fujii, Kiyoshi, S. Imoto, J. Ukida, and M. Matsumoto, to Kurashiki Rayon Co., Ltd. Method of producing polyvinyl formate of high crystallinty. 3,222,338, 12–7–65, Cl. 260—89.1.
Fujii, Shokichi. Pipe coupling. 3,199,899, 8–10–65, Cl. 285—201.
Fujii, Tatsuo. Camera diaphragms with square openings. 3,221,630, 12–7–65, Cl. 95—64.
Fujii, Yuko, to Maurzen Iron Works, Ltd. Water tube boiler. 3,198,177, 8–3–65, Cl. 122—236.
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Fujimoto, Kazuhiro, to Nippon Electric Co., Ltd. Distortion compensating device. 3,181,089, 4–27–65, Cl. 333—28.
Fujimoto, Sakane, to Kabushiki Kaisha Ricoh. Safety device for securing against inadvertent opening of the rear cover of photographic camera and against inadvertent shutter releasing. 3,190,202, 6–22–65, Cl. 95—11.
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Fujimoto, Yasuo, and M. Naruse, to Kyowa Hakko Kogyo Co., Ltd. Method for preparing ribonucleoside-5′-phosphates or their salts from ribonucleosides. 3,201,389, 8–17–65, Cl. 260—211.5.
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Fujimura, Tadato, and Y. Ando, to Japan Atomic Energy Research Institute. Method of bonding graphite articles with iron-base brazing alloys. 3,177,577, 4–13–65, Cl. 29—472.7.
Fujinuma, Shigemitsu, to Kyoritsu Seiki Kabushiki Kaisha. Tool holder. 3,219,355, 11–23–65, Cl. 279—75.
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Hilker, William R., and Fujioka. 3,206,897.
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Ohnoda, Katsuyuki, and Fujisaki. 3,208,510.
Fujishima, Shohei, and T. Ishimoto, to Sekisui Kagaku Kogyo Kabushiki Kaisha. Prefabricated house structures. 3,184,-012, 5–18–65, Cl. 189—2.
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Fujita, Robert K., and H. D. Hole, to Honolulu Gas Co. Removal of hydrogen sulfide from hydrocarbon fuel gases. 3,199,946, 8–10–65, Cl. 23—3.
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Seki, Kouji. 3,226,495.
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Fujitsubo, William S., to General Motors Corp. Information storage system using color code. 3,226,697, 12–28–65, Cl. 340—173.

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Fujiwara, Yasuo, and S. Masaki, to Nippon Sekiyu Kabushiki Kaisha. Process for preparing carbonyl compounds from olefinic hydrocarbons. 3,172,914, 3–9–65, Cl. 260—597.

Fuka, Vaclav. Fuel injection system. 3,186,395, 6–1–65, Cl. 123—139.

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Fukata, Masao, and Y. Sato, to Kokusai Denki Kabushiki Kaisha. Timekeeper corrected by electric time signals. 3,167,906, 2–2–65, Cl. 58—35.

Fukaya, Toshitada, M. Kato, and T. Ito, to Kyowa Hakko Kogyo Co., Ltd. Manufacture of malt beverage. 3,175,910, 3–30–65, Cl. 99—51.

Fuketa, Masahiko. Mechanism for operating the reflecting mirror of single lens reflex cameras. 3,221,626, 12–7–65, Cl. 95—42.

Fukinuki, Takahiko, to Kabushiki Kaisha Hitachi Seisakusho. Transmission system for pulse-code-modulated signals. 3,207,851, 9–21–65, Cl. 179—15.

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Fukuda, Seigo: *See*—
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Fukuda, Syunichiro, to Kyoto Machinery Co., Ltd. Apparatus for intermittently leading a cloth into or out of a pressure-treating chamber. 3,214,945, 11–2–65, Cl. 68—5.

Fukuda, Takashi. Automatic brake means in cooperation with the accelerator operation of motorcar. 3,208,566, 9–28–65, Cl. 192—3.

Fukui, Kenichi: *See*—
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Fukui, Kenichi, J. Nakamura, S. Yuasa, T. Shimizu, and T. Sano, to Sumitomo Chemical Co., Ltd. Method for polymerizing olefins and catalyst composition therefor. 3,179,580, 4–20–65, Cl. 204—162.

Fukui, Kenichi, S. Yuasa, T. Kagiya, T. Shimizu, and T. Sano, to Sumitomo Chemical Co., Ltd. Polymerization of olefin oxides with a metal phosphate-organometallic catalyst. 3,221,059, 11–30–65, Cl. 260—615.

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Fukuoka, Tatuo. Driver's safety shoe. 3,169,327, 2–16–65, Cl. 36—34.

Fukushima, Danji, to Zaidan Hojin Noda Sangyo Kagaku Kenkyusho. Method for treatment of soybean proteins. 3,170,802, 2–23–65, Cl. 99—145.

Fukushima, Osamu, and K. Matsubayashi, ¾ to Kurashiki Rayon Co., Ltd. and ¼ to Air Reduciton Co. Inc. Production of polyvinyl alcohol having improved dyeability and composition therefor including polyvinyl alcohol basic nitrogen-containing derivatives. 3,211,685, 10–12–65, Cl. 260—29.6.

Fukushima, Osamu, to Kurashiki Rayon Co., Ltd. Process of making polyvinyl benzel emulsions. 3,216,961, 11–9–65, Cl. 260—29.6.

Fukutome, Tetsuzo. Pulsator combined with a milk claw. 3,209,727, 10–5–65, Cl. 119—14.37.

Fulcher, Charles R.: *See*—
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Fuldner, Herbert M., J. A. Rave, Jr., and H. R. Uhtenwoldt, to The Cincinnati Milling Machine Co. Turret drill. 3,173,-315, 3–16–65, Cl. 77—32.1.

Fulford, Earle H., and J. E. Searcy, Jr., to Fram Corp. Gas separator/filter apparatus. 3,201,924, 8–24–65, Cl. 55—324.

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Fulk, Murray E., to Owens-Corning Fiberglas Corp. Method and apparatus for producing fibers. 3,207,587, 9–21–65, Cl. 65—5.

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Fuller, Alfred L., and H. H. Booher, to Fluor Corp., Ltd. Arched packing for cooling towers. 3,189,335, 6–15–65, Cl. 261—112.

Fuller, Allen J.: *See*—
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Fuller, Calvin S., to Bell Telephone Laboratories, Inc. Heat treatment of III–V compound semiconductors. 3,175,975, 3–30–65, Cl. 252—62.3.

Fuller, Charles F., and E. Ruff. Method and apparatus for machining manhole rims and covers. 3,175,465, 3–30–65, Cl. 90—12.

Fuller, Charles H., to The Bunker-Ramo Corp. Electrical signal inverter. 3,219,836, 11–23–65, Cl. 307—88.5.

Fuller, Charles H. Ozone generator. 3,220,943, 11–30–65, Cl. 204—315.

Fuller Co.: *See*—
Barlow, Cecil R. 3,183,874.
Barlow, Cecil R. 3,211,122.
Derenk, Gunther, Schmid, and Sontheimer. 3,224,964.
Frazer, Howard W., and Behrman. 3,215,624.
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Schlauch, Richard G. 3,198,247.
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Fuller, Dennis Q., to Pye Ltd. Cold welding arrangements. 3,178,811, 4–20–65, Cl. 29—470.1.

Fuller, Donald W.: *See*—
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Fuller, Edgar I., to U.S. Aviation Corp. Helicopter. 3,220,-670, 11–30–65, Cl. 244—17.17.

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Fuller, Evander K., to Western Electric Co., Inc. Voltage tracking device. 3,178,588, 4–13–65, Cl. 307—88.5.

Fuller, Evander K., to Western Electric Co., Inc. Test circuit for determining impedance and related characteristics of an electrical element including transistor means operated with zero collector-to-base voltage. 3,204,179, 8–31–65, Cl. 324—57.

Fuller, Evander K., to Western Electric Co., Inc. Trigger circuit. 3,222,539, 12–7–65, Cl. 307—88.5.

Fuller, Forrest E., to Robbins & Myers, Inc. Stator clamping structure for electric machines. 3,167,676, 1–26–65, Cl. 310—258.

Fuller, Frank I.: *See*—
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Fuller, Glenn, to Shell Oil Co. Liquid hydrocarbon composition and additives therefor. 3,226,322, 12–28–65, Cl. 252—32.7.

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Fuller, Glenwood A., to AMP Inc. Pin and socket connector assembly adapted for solder connection. 3,222,632, 12–7–65, Cl. 339—256.

Fuller, Harlan I., and M. R. Thomson, to The Bendix Corp. Fuel injector. 3,190,561, 6–22–65, Cl. 239—90.

Fuller, Harold R., and J. L. Greene, Jr., to North American Aviation, Inc. Ejection seat for aircraft. 3,191,892, 6–29–65, Cl. 244—122.

Fuller, Harrison W.: *See*—
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Fuller, Harrison W., to Laboratory for Electronics, Inc. Digital delay line. 3,212,072. 10–12–65, Cl. 340—174.

Fuller, Harrison W., and H. Rubinstein, to Laboratory for Electronics, Inc. Magnetic film data storage apparatus. 3,212,070, 10–12–65, Cl. 340—174.

Fuller, John L. Speed control mechanism. 3,196,973, 7–27–65, Cl. 180—82.1.

Fuller, John W. Wastebasket. 3,182,847, 5–11–65, Cl. 220—4.

Fuller, John W. Mechanism for rocking cradles, chairs and the like. 3,186,008, 6–1–65, Cl. 5—109.

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Fuller, Maurice D.: *See*—
Andersen, James H., and Fuller. 3,201,786.

Fuller, Merle A., to The B. F. Goodrich Co. Hose winding apparatus. 3,187,494, 6–8–65, Cl. 57—9.

Fuller, Merle A., and R. J. Slezak, to The B. F. Goodrich Co. Let-off apparatus. 3,223,352, 12–14–65, Cl. 242—156.2.

Fuller-Myers: *See*—
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Fuller, Perry J. Apparatus for cleaning applicators. 3,200,-428, 8–17–65, Cl. 15—21.

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Fuller, Richard B. Geodesic structures. 3,197,927, 8–3–65, Cl. 52—81.

Fuller, Richard B. Laminar geodesic dome. 3,203,144, 8–31–65, Cl. 52—81.

Fuller, Richard H., to Hammond Industries, Inc. Still with heated-air circulation for evaporating and recovering of liquid solvent. 3,223,596, 12–14–65, Cl. 202—201.

Fuller, Richard H., R. J. Koerner, and E. J. Schneberger, to The Bunker-Ramo Corp. Modular computer system. 3,226,-692, 12–28–65, Cl. 340—172.5.

Fuller, Richard W., and K. S. Hall, to Farrel Corp. Apparatus for cutting and stacking sheet material. 3,204,502, 9–7–65, Cl. 83—96.

Fuller, Steven B. Dynamic range modifier. 3,185,936, 5–25–65, Cl. 330—59.
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Fuller, William D., to Lockheed Aircraft Corp. Structurally integrated capacitor assembly. 3,191,098, 6–22–65, Cl. 317—101.
Fullerton, George H. Switchplate mounted extension operator for wall switch. 3,188,439, 6–8–65, Cl. 200—172.
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Fulton, Robert A., and A. H. Yeomans, to United States of America, Agriculture. Decontaminating device and fog generator. 3,189,405, 6–15–65, Cl. 21—121.
Fulop, Charles. Unitary expansion anchor for bolts. 3,217,583, 11–16–65, Cl. 85—72.
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Fulton, Bertram A., to Arthur D. Little, Inc. One-way clutch with speed responsive means. 3,202,251, 8–24–65, Cl. 192—45.1.
Fulton, Bertram A., and R. S. Lindstrom, to Wilbert W. Haase Co. Burial vaults. 3,208,186, 9–28–65, Cl. 52—140.
Fulton, Bertram A., R. S. Lindstrom, and R. M. Lucas, to Wilbert W. Haase Co. Burial vaults. 3,208,188, 9–28–65, Cl. 52—138.
Fulton, Charles D. Vortex tube. 3,173,273, 3–16–65, Cl. 62—5.
Fulton, Charles D., to Fulton Cryogenics, Inc. Vortex tube. 3,208,229, 9–28–65, Cl. 62—5.
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Fulton, Howard A., to Mansfield Sanitary, Inc. Diaphragm type ball cock valve. 3,207,170, 9–21–65, Cl. 137—216.
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Fulton, Langdon H., and T. D. Tilton, to Radio Corp. of America. Electromagnetic constant velocity actuator. 3,176,170, 3–30–65, Cl. 310—12.
Fulton, Robert E., Jr. Aerial pickup system. 3,207,480, 9–21–65, Cl. 258—1.2.
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Funck, Herbert. Injection molding machine with pivotal nozzle and plural stationary molds. 3,205,536, 9–14–65, Cl. 18—30.
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Fenyes, Joseph G. E. 3,177,225.
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Funk, Eugene. Reaction engine. 3,192,716, 7–6–65, Cl. 60—39.69.
Funk, Eugene, deceased; by T. N. Diehl, special administrator. Method of producing energy in a reaction engine. 3,217,491, 11–16–65, Cl. 60—39.69.
Funk, Gilbert R., to Waukesha Foundry Co. Aseptic joint seal. 3,191,545, 6–29–65, Cl. 103—202.
Funk, Gilbert R., and R. E. Holtgrieve, to Waukesha Foundry Co. Metering device with opaqueness responsive shutoff. 3,168,218, 2–2–65, Cl. 222—23.
Funk, Howard L., and L. Skarshinski, to International Business Machines Corp. Waveform generators. 3,184,685, 5–18–65, Cl. 328—61.
Funk, Charles A. Splash shield. 3,193,845, 7–13–65, Cl. 4—1.
Funk, Edward J., Jr., to The C. M. Kemp Mfg. Co. Constant level immersion melting pot. 3,193,891, 7–13–65, Cl 22—79.
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Funk, Jack N., and J. R. Horsnell, to The Boeing Co. Aircraft throttle having adjustable, overpowerable gate. 3,199,368, 8–10–65, Cl. 74—526.
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Calkins, Vincent P., Funston, and McGurty. 3,189,446.
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Furey, Michael J., and P. Zaybekian, to Esso Research and Engineering Co. Polymeric lubricating oil additives containing iodine and uses thereof. 3,184,413, 5–18–65, Cl. 252—56.
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Furlong, Thomas F., to Monsanto Co. Crimping apparatus. 3,166,821, 1–26–65, Cl. 28—1.
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Furrow, Clarence L., to Phillips Petroleum Co. Polymeric carboxylic acids by irradiation. 3,168,456, 2–2–65, Cl. 204—154.
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Furst, Stefan, to W. Reiners. Coil winding machine with yarn severing device. 3,165,275, 1–12–65, Cl. 242—19.
Fürst, Stefan, to W. Reiners. Drum-wrap and thread-break lockout for winding machines. 3,169,716, 2–16–65, Cl. 242—36.
Fürst, Stefan, to W. Reiners. Automatic yarn-coil winding machine. 3,172,610, 3–9–65, Cl. 242—35.5.
Furst, Stefan, to W. Reiners. Yarn-spool winding machine with automatic spool-exchanging device. 3,184,174, 5–18–65, Cl. 242—35.5.
Fürst, Stefan, to W. Reiners. Yarn spinning and winding apparatus. 3,195,298, 7–20–65, Cl. 57—1.
Fürst, Stefan, to W. Reiners. Suction device for removing a starting length of yarn from a textile coil. 3,203,634, 8–31–65, Cl. 242—18.
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Furth, Harold P., to Advanced Kinetics, Inc. Metal-forming devices using direct electrode contact. 3,187,532, 6–8–65, Cl. 72—56.
Furth, Harold P., to Advanced Kinetics, Inc. Devices for metal-forming by magnetic tension. 3,196,649, 7–27–65, Cl. 72—56.
Furth, Harold P., to United States of America, Atomic Energy Commission. Plasma confinement apparatus employing a helical magnetic field configuration. 3,219,534, 11–23–65, Cl. 176—1.
Furth, Harold P., to Advanced Kinetics, Inc. Brushless generator for high-powered electrical pulses. 3,225,285, 12–21–65, Cl. 322—51.
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Fyler, Norman F., to Litton Industries of California. Direct writing cathode ray tube using a fan shaped beam. 3,164,-738, 1–5–65, Cl. 313—73.
Fyler, Norman F., to Litton Electron Tube Corp. Adjustable mounting assembly for cathode ray tubes. 3,189,775, 6–15–65, Cl. 313—84.
Fyler, Norman F., to Litton Precision Products, Inc. Very high intensity light source using a cathode ray tube. 3,189,784, 6–15–65, Cl. 315—30.
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Gabler, Rudolf, and H. Müller, to W. R. Grace & Co. Preparation of linear polyureas utilizing a cyclic amide solvent. 3,185,656, 5–25–65, Cl. 260—30.2.

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Gabor, Andrew, and J. T. Barany, to Potter Instrument Co., Inc. Monostable multivibrator with bias applied to tap of variable RC network for linearization of charge-time. 3,188,498, 6–8–65, Cl. 307—88.5.

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Gabor, Dennis, to National Research Development Corp. Flat display tube utilizing unique collimator. 3,171,056, 2–23–65, Cl. 315—18.

Gabor, Dennis, to Minnesota Mining & Mfg. Co. Magnetic scanning head. 3,175,049, 3–23–65, Cl. 179—100.2.

Gabor, Dennis, to National Research Development Corp. Multiply neutralized ion source. 3,182,220, 5–4–65, Cl. 313—63.

Gabor, Dennis, to National Research Development Corp. Bandwidth compression and expansion system for transmission of speech. 3,183,310, 5–11–65, Cl. 179—100.2.

Gabor, Dennis, to Columbia Broadcasting System, Inc. Optical recording-reproducing scanning system. 3,198,067, 8–3–65, Cl. 88—24.

Gabor, Dennis, to Minnesota Mining and Mfg. Co. Transducer poles. 3,214,645, 10–26–65, Cl. 317—158.

Gabor, Joseph, and H. E. Ries, Jr., to Standard Oil Co. Protective film to prevent evaporation. 3,199,944, 8–10–65, Cl. 21—60.5.

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Gabriel, Daniel. Faucets with supplemental fountain discharges. 3,208,477, 9–28–65, Cl. 137—608.

Gabriel, Daniel. Drinking fountain discharge device for faucets. 3,208,671, 9–28–65, Cl. 239—25.

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Gabriel, Martin G., to Ford Motor Co. Multiple element hydrokinetic torque converter mechanism. 3,187,511, 6–8–65, Cl. 60—54.

Gabriel, Martin G., to Ford Motor Co. Multiple element hydrokinetic torque converter. 3,187,512, 6–8–65, Cl. 60—54.

Gabriel, Martin G., to Ford Motor Co. Hydrokinetic power transmission mechanism. 3,188,887, 6–15–65, Cl. 74—688.

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Gabriel, Martin G., to The Ford Motor Co. Compound hydrokinetic torque converter. 3,209,540, 10–5–65, Cl. 60—54.

Gabriel, Martin G., to Ford Motor Co. Dual fluid coupling drive. 3,216,197, 11–9–65, Cl. 60—54.

Gabriel, Martin G., and N. W. van Husen, to Ford Motor Co. Hydrodynamic torque transmitting assembly. 3,214,912, 11–2–65, Cl. 60—54.

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Huntress, Charles B., and Gabrielian. 3,222,490.

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Gadbury, Harry L. Drawing aids. 3,175,296, 3–30–65, Cl. 33—64.

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Gaddini, Norman E. Fruit positioning cup unit. 3,182,698, 5–11–65, Cl. 146—72.

Gaddini, Norman E. Fruit orienting jet unit. 3,200,968, 8–17–65, Cl. 214—1.

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Gade, Donald W., and F. L. Wiley, to United States of America, National Aeronautics and Space Administration. Temperature regulation circuit. 3,197,616, 7–27–65, Cl. 219—413.

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Gaeth, Rudolf, B. Schmitt, and R. Breu, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Heat insulating metal sheets. 3,186,888, 6–1–65, Cl. 156—325.

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Gaffney, John E., Jr., and A. A. Kusnick, to International Business Machines Corp. Character identification device. 3,199,078, 8–3–65, Cl. 340—146.3.

Gafford, Burns N. Protective relay for polyphase machines responsive solely to positive and negative sequence currents. 3,172,012, 3–2–65, Cl. 317—47.

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Gagarine, Dmitry M., to Deering Milliken Research Corp. Cellulosic fabrics and methods for making the same. 3,175,875, 3–30–65, Cl. 8—120.

Gagarine, Dmitry M., to Deering Milliken Research Corp. Processes for producing modified cellulosic textile materials. 3,194,627, 7–13–65, Cl. 8—116.

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Gage, Leonard S. Gyratory toy adapted to be worn about the user's waist. 3,178,851, 4–20–65, Cl. 46—51.

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Swenson, Richard F., and Galbraith. 3,215,470.
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Gale, George P., to Beckman Instruments, Inc. Probe for colorimetric measurement. 3,164,663, 1–5–65, Cl. 88—14.
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Galletti, Remo, to Olivetti, Ing. C., & C., S.p.A. Tunnel diode logic circuit. 3,182,204, 5–4–65, Cl. 307—88.5.
Galletti, Remo, to Ing. C. Olivetti & C., S.p.A. Tunnel diode logic circuit. 3,207,920, 9–21–65, Cl. 307—88.5.
Galley, Fred C., to American Radiator & Standard Sanitary Corp. Combination pressure regulator and shut-off valve. 3,180,356, 4–27–65, Cl. 137—495.
Galley, Fred C., to American Radiator & Standard Sanitary Corp. Gas supply unit. 3,180,357, 4–27–65, Cl. 137—613.
Galli, Guido, and C. A. Germando, to Giannini Controls Corp. Accelerometer. 3,224,279, 12–21–65, Cl. 73—517.
Galli, Joseph, to Welcor, Inc. Linear control mechanism. 3,177,975, 4–13–65, Cl. 185—37.
Galli, Remo: *See*—
Minisci, Francesco, and Galli. 3,187,020.
Galli, Ronald: *See*—
Engelbrecht, Robert M., Wiley, and Galli. 3,172,920.
Gallie, Daniel G., to Ford Motor Co. Vehicle heating and ventilation system. 3,170,632, 2–23–65, Cl. 237—2.
Galliger, Karl W., to The New York Air Brake Co. Rotary cylinder barrel and method of making same. 3,169,488, 2–16–65, Cl. 103—162.
Gallina, Harold. Device for positioning a rotatable member. 3,217,595, 11–16–65, Cl. 88—28.
Gallina, Kurt, to C. Eugen Maier, Metallverareitung G.m.b.H. Flyer frame construction. 3,216,185, 11–9–65, Cl. 57—117M.
Gallion, Jacque K. Cutter blade for edgers and lawnmowers. 3,217,812, 11–16–65, Cl. 172—16.
Gallistel, Albert F., to General Mills, Inc. Manually operated hydraulic actuator control having feel-back. 3,168,203, 2–2–65, Cl. 214—1.
Gallistel, Albert F., and S. B. Lindsey, to General Mills, Inc. Acceleration-sensitive switch. 3,226,504, 12–28–65, Cl. 200—61.53.
Gallo, Albert M. Ice cube making machine. 3,206,944, 9–21–65, Cl. 62—347.
Gallo, Elia A., to Martin-Marietta Corp. Pressure control valve and regulator. 3,182,681, 5–11–65, Cl. 137—468.
Gallo, John, Sr. Dispensing device. 3,182,860, 5–11–65, Cl. 222—136.
Gallo, John F. Drinking glass washing machine. 3,204,273, 9–7–65, Cl. 15—76.
Gallo, William H.: *See*—
Bell, Robert E., Carroll, and Gallo. 3,185,229.
Bell, Robert E., Carroll, and Gallo. 3,200,896.
Bell, Robert E., Carroll, and Gallo. 3,213,952.
Gallon, Norman L.: *See*—
Morris, Henry, and Gallon. 3,187,521.
Galloway, Arthur L.: *See*—
Harris, Herbert H., Galloway, Limpel, and Schuldt. 3,201,220.
Galloway, Arthur L., to Diamond Alkali Co. Stabilized granular gypsum-pesticidal composition and method of preparation. 3,168,437, 2–2–65, Cl. 167—42.
Galloway, Arthur L., to Diamond Alkali Co. Granular soil neutralizer and the process of preparing said product. 3,214,261, 10–26–65, Cl. 71—51.
Galloway, David E.: *See*—
Weise, Jesse W., and Galloway. 3,194,853.
Galloway, Frederick M.: *See*—
Fritz, Harry E., Gallagher, Galloway, Kerr, Plumb, Rittenhouse, and Sinnamon. 3,223,563.
Fritz, Harry E., Gallagher, Galloway, Kerr, Plumb, Rittenhouse, and Sinnamon. 3,223,565.
Fritz, Harry E., and Galloway. 3,221,774.
Galloway, Frederick M., and R. H. Sinnamon, to H. K. Porter, Co., Inc. Reinforced automotive heater hose or the like and method of making it. 3,168,910, 2–9–65, Cl. 138—137.
Galloway, George W.: *See*—
Nooker, Eugene L., and Galloway. 3,225,172.
Galloway, George W., to United States of America, Navy. Method of welding non-fragmentation warheads for missiles, particularly antiaircraft missiles. 3,219,791, 11–23–65, Cl. 219—104.
Galloway, James A.: *See*—
Oxford, Alan J. H., Stanford, and Galloway. 3,199,030.
Galloway, James M., to Bethlehem Steel Co. Concrete forms. 3,193,971, 7–13–65, Cl. 50—233.
Galloway, James V. Trousers display device. 3,215,268, 11–2–65, Cl. 206—82.
Galloway Robert K., to FMC Corp. Folding box. 3,181,771, 5–4–65, Cl. 229—35.
Galluccio, Anthony: *See*—
Baldinelli, Fred A. 3,168,730.
Gallup, De Vere M.: *See*—
Gerhardt, Philipp, and Gallup. 3,186,917.
Galmiche, Philippe, to Office National d'Etudes et de Recherches Aeronautiques. Methods of obtaining by heating sintered metallic pieces. 3,185,566, 5–25–65, Cl. 75—212.
Galonska, Walter O., to Talon, Inc. Slide fastener stringer. 3,189,964, 6–22–65, Cl. 24—205.13.
Galonska, Walter O., to Talon, Inc. Method of making a slide fastener stringer. 3,213,174, 10–19–65, Cl. 264—285.
Galopin, Anthony. Character sensing system. 3,177,470, 4–6–65, Cl. 340—146.3.
Galpin, Robert K. P.: *See*—
Drew, Anthony J., and Galpin. 3,214,609.
Galpin, Robert K. P., to Associated Electrical Industries Ltd. Hall effect apparatus. 3,189,762, 6–15–65, Cl. 307—88.5.
Galuska, Charles W., 25% to L. Edwards and 25% to K. Edwards, Filtered water lubricating system for propeller shaft bearing. 3,177,841, 4–13–65, Cl. 115—34.
Galvaing, Lucien. Method of collecting oil or other residues on the waters of ports and elements for carrying out same. 3,184,923, 5–25–65, Cl. 61—1.
Galvin, Samuel N., to Ingersoll-Rand Co. Glass transfer apparatus. 3,168,184, 2–2–65, Cl. 198—20.
Gamah Corp.: *See*—
Mahoff, George A., and Rice. 3,186,739.
Gamaunt, Geraldine E.: *See*—
Gamaunt, Roger L. 3,183,991.
Gamaunt, Roger L., 10% to H. E. Teasdall; 35% to G. E. Gamaunt, and 10% to H. E. Teasdall, as trustee. Vehicle. 3,183,991, 5–18–65, Cl. 180—24.
Gambell, James W.: *See*—
Michaels, Glenn O., and Gambell. 3,168,587.
Gamber, Elmer L. Process for making a non-rotating corneal lens. 3,211,810, 10–12–65, Cl. 264—1.
Gamberini, Goffredo, to American Machine & Foundry Co. Tobacco compressing vacuum wheel for continuous cigarette making machine. 3,173,424, 3–16–65, Cl. 131—84.
Gamberini, Goffredo, to American Machine & Foundry Co. Method and apparatus for handling articles. 3,198,581, 8–3–65, Cl. 302—2.
Gamberini, Goffredo, to American Machine & Foundry Co. Cigarette pack conveying mechanism. 3,226,163, 12–28–65, Cl. 302—2.
Gambetti, Oreste. Anti-electrostatic garment. 3,211,153, 10–12–65, Cl. 128—379.
Gambill, Charles C., and J. W. Murphy, to General Motors Corp. Circuit for repeatedly energizing a load. 3,182,228, 5–4–65, Cl. 317—148.5.
Gambill, Charles C., and A. B. Roby, to General Motors Corp. Motor control system. 3,202,899, 8–24–65, Cl. 318—341.
Gambin, Michel P. F. Apparatus for hot vulcanizing seams in rubberized elements. 3,194,715, 7–13–65, Cl. 156—583.
Gambino, Victor. Knife with detachable blade. 3,201,869, 8–24–65, Cl. 30—342.
Gamble Brothers, Inc.: *See*—
Dosker, Cornelius D. 3,193,051.
Gamble, John A. Particular head and seat cooperation for faucet valves. 3,168,283, 2–2–65, Cl. 251—333.
Gamble, Paul E., L. A. Rosenthal, and J. W. Pendleton, to Union Carbide Corp. Apparatus for fabrication of thermoplastic resins. 3,184,791, 5–25–65, Cl. 18—14.
Gamble, Richard F.: *See*—
Brahm, Charles B., and Gamble. 3,181,353.
Gambon, James M.: *See*—
Gambon, John M. and J. A. 3,180,401.

Gambon, John A.: *See*—
Gambon, John M. and J. A. 3,180,401.
Gambon, John M. and J. A., ⅙ to T. F. Gambon, and ⅙ to J. M. Gambon. Shade. 3,180,401, 4–27–65, Cl. 160—265.
Gambon, Thomas F.: *See*—
Gambon, John M. and J. A. 3,180,401.
Gambrell, Duane: *See*—
Hammon, Otto, Colbert, and Gambrell. 3,202,088.
Gambrell, James B.: *See*—
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Gamertsfelder, George R., to General Precision, Inc. Apparatus for eliminating correlation interference. 3,167,606, 1–26–65, Cl. 88—14.
Gamertsfelder, George R., to General Precision, Inc. Sighting device. 3,191,305. 6–29–65, Cl. 33—47.
Games, John E.: *See*—
Brahm, Charles B., and Games. 3,199,013.
Gamlen, George A., I. D. Rattee, C. V. Stead, and G. Williams, to Imperial Chemical Industries Ltd. Phthalocyanine dyestuffs. 3,210,345, 10–5–65, Cl. 260—242.
Gamlen, Harry. Viscosimeter. 3,167,950, 2–2–65, Cl. 73—56.
Gamma Refrigeration Co., Inc.: *See*—
Braun, Arieh L. 3,225,563.
Gammill, Diemer L. Automatic feeder. 3,192,902, 7–6–65, Cl. 119—51.11.
Gammon, Howard C.: *See*—
Friday, Paul D. 3,203,115.
Gammon, Norman P. Surveying device. 3,172,205, 3–9–65, Cl. 33—74.
Gammon, William H., to Ashland Oil & Refining Co. Process for producing an aromatic concentrate from a mixed hydrocarbon stock. 3,213,152, 10–19–65, Cl. 260—668.
Gams, Leo, and H. Marhan, to Metallgesellschaft Aktiengesellschaft. Vibrating machine for continuously treating workpieces. 3,208,731, 9–28–65, Cl. 259—2.
Gams, Theodore C., to Varo, Inc. Direct current power supply circuit. 3,210,637, 10–5–65, Cl. 321—18.
Gamst, Magnar. Counter top and removable cabinet assembly. 3,211,507, 10–12–65, Cl. 312—255.
Gamzon, Devorah D.: *See*—
Gamzon, Robert R., and Frei. 3,209,084.
Gamzon, Mirian: *See*—
Gamzon, Robert R., and Frei. 3,209,084.
Gamzon, Robert R. (deceased, by D. D. and M. Gamzon, legal heirs), and E. H. Frei. Electro-acoustical transducer. 3,209,084. 9–28–65, Cl. 179—115.5.
Ganahl, Alfred: *See*—
Pleger, Curt, Clashausen, and Ganahl. 3,216,287.
Gancel, Pierre, to D.B.A., Societe Anonyme. Swingable caliper, spot type disc brake. 3,182,753, 5–11–65, Cl. 188—73.
Ganci, Charles J., to Ward Leonard Electric Co. Plastic encapsulated resistor. 3,205,467, 9–7–65, Cl. 338—268.
Ganci, Charles J., to Ward Leonard Electric Co. Resistance metal alloy. 3,209,299, 9–28–65, Cl. 338—269.
Ganci, Charles J., to Ward Leonard Electrical Co. Electrical resistor. 3,218,594, 11–16–65, Cl. 338—293.
Gancy, Alan B., to FMC Corp. Process for the production of soda ash from underground trona deposits. 3,184,287, 5–18–65, Cl. 23—63.
Gandee, Irvine E.: *See*—
De Young, Charles E., and Gandee. 3,202,167.
Gandolfi, Carmelo: *See*—
De Ruggieri, Pietro, Gandolfi, and Guzzi. 3,185,684.
De Ruggieri, Pietro, Gandolfi, and Guzzi. 3,198,790.
Gandolfo, Peter F., to Lewis Shepard Co. Power safety device for carriage controlled material handling trucks. 3,224,529, 12–21–65, Cl. 182—14.
Gandon, Louis, and P. H. Williams, to Nobel-Bozel. Method of preparing halogenated derivatives of acetylene-diureine and its substitution products. 3,203,960, 8–31–65, Cl. 260—309.7.
Gandrud, Ebenhard S. Drive mechanism for agricultural implements. 3,213,698, 10–26–65, Cl. 74—206.
Gandrud, Ebenhard S. Method and apparatus for planting and treating a seed bed. 3,220,368, 11–30–65, Cl. 111—9.
Gandrud, Ebenhard S. Row wheel for agricultural implements. 3,220,369, 11–30–65, Cl. 111—10.
Gandy, Alvin E. Automatic gate. 3,163,947, 1–5–65, Cl. 39—25.
Gandy, George N., to Newport News Shipbuilding and Dry Dock Co. Universal boom heel support. 3,176,805, 4–6–65, Cl. 189—28.
Gandy, Harold W.: *See*—
Etzel, Howard W., Gandy, and Ginther. 3,208,009.
Gandy, John M. Hangers. 3,225,977, 12–28–65, Cl. 223—85.
Gandy, Warren L., to United States of America, Army. Selective one and two-stage trigger mechanism for firearms. 3,183,616, 5–18–65, Cl. 42—69.
Gandy, Wesley T., to Hiller Aircraft Co., Inc. Rotor hub assembly. 3,193,018, 7–6–65, Cl. 170—160.27.
Gang, Herman, to Monroe Calculating Machine Co. Overcapacity control in a decimal system. 3,188,003, 6–8–65, Cl. 235—60.
Gang, Herman, to Monroe International Corp. Decimal point mechanism. 3,194,495, 7–13–65, Cl. 235—60.15.
Gang, Robert E., and F. A. Nelson, to Varian Associates. Magnet pole cap construction. 3,182,231, 5–4–65, Cl. 317—158.
Ganguet, William A.: *See*—
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Ganguet, William A. Motorized farm cart. 3,165,162, 1–12–65, Cl. 180—27.
Gangwisch, William J. Multicompartment dispensing package. 3,200,995, 8–17–65, Cl. 222—94.
Gangwisch, William J., to Colgate-Palmolive Co. Liquid abrasive cleanser containing sodium chloride. 3,210,285, 10–5–65, Cl. 252—137.
Gangwisch, William J., to Colgate-Palmolive Co. Liquid abrasive cleanser. 3,210,286, 10–5–65, Cl. 252—137.
Gangwisch, William J., to Colgate-Palmolive Co. Liquid scouring cleanser for removing organic stains from hard surfaces. 3,214,380, 10–26–65, Cl. 252—100.
Gannaway, Edwin L., to Copeland Refrigeration Corp. Internal suspension for compressors. 3,215,343, 11–2–65, Cl. 230—235.
Gannett, Danforth K., to Bell Telephone Laboratories, Inc. Privacy communication system. 3,201,517, 8–17–65, Cl. 179—1.5.
Gannoe, Thomas E.: *See*—
Seekings, Charles D., and Gannoe. 3,223,095.
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Ganoudis, Nicholas C.: *See*—
Aleixo, Antonio N., and Ganoudis. 3,169,558.
Gans, Heinrich W., to Stettner & Co. Ceramic disk trimming condenser. 3,185,904, 5–25–65, Cl. 317—249.
Ganser, Paul: *See*—
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Bourne, Henry A., Jr., and Gant. 3,209,835.
Gant, Preston L., to Continental Oil Co. Pipeline leak detection method. 3,210,542, 10–5–65, Cl. 250—43.5.
Gant, Preston L., and K. Yang, to Continental Oil Co. Low temperature adsorption process for purifying low molecular weight gases. 3,208,200, 9–28–65, Cl. 55—68.
Gantner, Joseph C.: *See*—
Wentling, William H., and Gantner. 3,211,364.
Gantt, James E.: *See*—
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Gantt, Robert G. Clutch and the like. 3,225,877, 12–28–65, Cl. 192—76.
Gantz, George M.: *See*—
Ellis, Joseph R., and Gantz. 3,178,250.
Gantzer, Charles J., to Sundstrand Corp. Power transmission mechanism. 3,187,868, 6–8–65, Cl. 192—101.
Ganz, Dietrich, to Vacuumschmelge Aktiengesellschaft. Method of using a critical cold rolling stage to produce silicon-iron sheets. 3,218,202, 11–16–65, Cl. 148—112.
Ganz, Felix, to Ygnis S.A. Heating apparatus. 3,171,388, 3–2–65, Cl. 122—149.
Ganz, Felix, and L. Brenner, to Ygnis, A.G. Fluid conducting hinge device. 3,196,845, 7–27–65, Cl. 122—498.
Ganz, Henry. Packaging machine and method. 3,182,431, 5–11–65, Cl. 53—32.
Ganz, Henry, to Continental Can Co., Inc. Machine and method for packaging articles. 3,186,136, 6–1–65, Cl. 53—3.
Ganz, Henry, to Continental Can Co., Inc. Machine for packaging articles. 3,202,421, 8–24–65, Cl. 271—51.
Ganz, Robert H., to Continental Can Co., Inc. Package forming machine. 3,176,442, 4–6–65, Cl. 53—48.
Ganz, Robert H., to Continental Can Co., Inc. Packaging machine for carton with end identification panel and method. 3,187,479, 6–8–65, Cl. 53—32.
Ganz, Robert H., to Continental Can Co., Inc. Method of applying dividers to bottles. 3,190,048, 6–22–65, Cl. 53—26.
Ganz, Robert H., to Continental Can Co., Inc. Manually operated packaging machine for use with wrap-around type bottle carriers. 3,197,937, 8–3–65, Cl. 53—48.
Ganz, Robert H., to Continental Can Co., Inc. Method and machine for positioning articles to be packaged. 3,217,-860, 11–16–65, Cl. 198—171.
Ganz, Walter C., to Chromatic Corp. Retractable multiple unit writing instrument. 3,164,132, 1–5–65, Cl. 120—42.13.
Garapolo, Orlando, to Wilson & Co., Inc. Bacon slicing machine. 3,200,865, 8–17–65, Cl. 146—95.
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Garbe, Ewald G., and A. Likei. Bale stooking machines. 3,223,253, 12–14–65, Cl. 214—6.
Garbe, Heinz-Georg: *See*—
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Hoven, Wilhelm. 3,193,714.
Garber, Clark A., and W. H. Hild, to Garber Seeders, Inc. Minimum tillage planter. 3,175,522, 3–30–65, Cl. 111—61.
Garber, Erwin, and K. Eckardt, to International Standard Electric Corp. Contact clamp. 3,181,107, 4–27–65, Cl. 339—97.
Garber, John D., R. A. Gasser, and R. E. Jones, to Merck & Co., Inc. Process for preparing hexamethylenediamine compounds from 5-aminomethyl-2-furfurylamine compounds. 3,189,651, 6–15–65, Cl. 260—583.
Garber, Thomas, to Hewlett-Packard Co. Differential transformers. 3,185,973, 5–25–65, Cl. 340—199.
Garber, Roy W.: *See*—
Millar, John, Jr., and Garber. 3,170,707.
Garber Seeders, Inc.: *See*—
Garber, Clark A., and Hild. 3,175,522.

Garbers, Ernst. Arrangement for mechanizing the assembling of trains in a train-assembling track of a marshalling yard. 3,194,176, 7–13–65, Cl. 104—26.

Garbrecht, William L., and T.-M. Lin, to Eli Lilly and Co. Octahydroindoloquinolines. 3,183,234, 5–11–65, Cl. 260—285.5.

Garbuglio, Carmine: *See*—
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Garbuny, Max, M. Gottlieb, and R. J. Zollweg, to Westinghouse Electric Corp. Thermionic power conversion devices. 3,194,989, 7–13–65, Cl. 310—4.

Garcea, Giampaolo, to Alfa Romeo S.p.A. Resonance induction device for internal-combustion engines. 3,177,854, 4–13–65, Cl. 123—52.

Garces, Felipe S., to Refaccionaria de Molinos, S.A. Sifters and classifiers for materials. 3,187,894, 6–8–65, Cl. 209—319.

Garcia, Anthony M.: *See*—
Redford, Lloyd H., and Garcia. 3,168,937.

Garcia, Antonio. Paint brush holder for artist's paint box. 3,203,555, 8–31–65, Cl. 211—65.

Garcia, Bartlome, Jr.: *See*—
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Garcia, Juan M. Air gun cartridge. 3,209,694, 10–5–65, Cl. 102—91.

Garcia Vidal, Daniel. Device for practicing target shooting. 3,214,173, 10–26–65, Cl. 273—101.1.

Garcy Corp.: *See*—
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Ruhnke, Richard R. 3,199,822.
Zurawski, Edward F., and Schram. 3,192,381.

Gard, George E., to Armstrong Cork Co. Orbital densifier. 3,220,705, 11–30–65, Cl. 259—129.

Garde Mfg. Co.: *See*—
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Gardel, Robert. Doll walker unit. 3,168,794, 2–9–65, Cl. 46—149.

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Garden, Murray, to Leeds and Northrup Co. Semiconductor analog-to-digital converter system. 3,226,708, 12–28–65, Cl. 340—347.

Gardenghi, Robert A., to Westinghouse Electric Corp. Apparatus providing compensation for the rate effect breakdown in controlled rectifiers. 3,209,166, 9–28–65, Cl. 307—88.5.

Gardes, Alfred W., and J. F. Gluth, to International Register Co. Electric clock. 3,190,066, 6–22–65, Cl. 58—26.

Gardes, Alfred W., and T. N. Svarnias, to International Register Co. Electric motor construction. 3,204,137, 8–31–65, Cl. 310—164.

Gardi, Rinaldo: *See*—
Ercoli, Albert, and Gardi. 3,214,427.

Gardineer, Bayard G., Jr., to International Business Machines Corp. Keyboard having a stretchable sinuous contacting member. 3,196,219, 7–20–65, Cl. 200—5.

Gardiner, John T., to Pneumo Dynamics Corp. Imbedment anchor assembly. 3,170,433, 2–23–65, Cl. 114—206.

Gardiner, Norman A.: *See*—
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Gardiner, Paul C., to United States of America, Navy. Target angle discriminator for directionally sensitive wave energy receivers. 3,221,693, 12–7–65, Cl. 114—23.

Gardiner, Paul C., L. E. Jewett, and G. L. Broomell, to United States of America, Navy. Range gating means. 3,225,325, 12–21–65, Cl. 340—3.

Gardiner, Terence E. G.: *See*—
Denning, Ralph M., Lewis, Gardiner, and Davis. 3,186,661.

Gardiner, Terence E. G., and A. K. Sargent, to Bristol Siddeley Engines Ltd. Ramjet engine. 3,180,085, 4–27–65, Cl. 60—35.6.

Gardiner, William C., to Olin Mathieson Chemical Corp. Amalgam decomposer. 3,215,614, 11–2–65, Cl. 204—249.

Gardner, Alfred T., to Champion Papers, Inc. Vibrating treatment for fiber recovery from waste effluents. 3,220,546, 11–30–65, Cl. 209—7.

Gardner, Andrew L.: *See*—
Barr, William L., and Gardner. 3,217,591.

Gardner, Charles B. System for transmitting messages by means of colored beams of light. 3,166,672, 1–19–65, Cl. 250—199.

Gardner, Charles W., to Caterpillar Tractor Co. Fork for pulpwood and similar materials. 3,165,345, 1–12–65, Cl. 294—67.

Gardner, Charles W., to Caterpillar Tractor Co. Vehicle mounted loader with a side dump bucket tilting arrangement. 3,198,358, 8–3–65, Cl. 214—140.

Gardner, Colin D., to United States of America, Air Force. Forced air cooling of electronic equipment. 3,184,275, 5–18–65, Cl. 312—213.

Gardner, David M.: *See*—
Barth-Wehrenalp, Bernoff, and Gardner. 3,225,050.

Gardner, David M., to Thiokol Chemical Corp. Preparation of alkylated decaboranes. 3,196,183, 7–20–65, Cl. 260—606.5.

Gardner, David M., R. E. Oesterling, and M. Hauptschein, to Pennsalt Chemicals Corp. Fluorinated chemical compound. 3,203,999, 8–31–65, Cl. 260—633.

Gardner, Davis L., to United States of America, Air Force. Gun firing control device. 3,217,601, 11–16–65, Cl. 89—135.

Gardner-Denver Co.: *See*—
Anderson, Floyd R. 3,190,380.
Bent, John H., and Olsson. 3,204,731.
Loy, Fred W. 3,185,183.
Loy, Fred W., and Wells. 3,185,184.
Madison, Roy W., Bliss, and Wensing. 3,218,893.
Mayer, James R. 3,210,087.
Meyer, John L. 3,219,067.
Pearl, James C. 3,205,985.
Stillwagon, George B., Jr. 3,207,196.
Swanson, Roger I. 3,181,672.
Wendling, Le Roy J. 3,207,010.
Williams, Raymond F., and Anerino. 3,178,104.
Williams, Raymond F., and Martin. 3,190,068.
Williams, Robert. 3,180,229.
Workman, Lawrence H. 3,212,455.
Workman, Lawrence H. 3,213,758.

Gardner, Donald B., and F. E. Dameron, to International Telephone and Telegraph Corp. Hot water heating systems having auxiliary pressurizing means. 3,202,356, 8–24–65, Cl. 237—8.

Gardner, Donald M., to Monsanto Co. Polyvinyl alcohol plasticized by salts of monocarboxylic acids. 3,218,284, 11–16–65, Cl. 260—31.2.

Gardner, Edward M., to Merrill Bros. Steel plate lifting clamps. 3,189,377, 6–15–65, Cl. 294—101.

Gardner, Edwin A., and S. P. Sturtevant, to Esengee Co. Method and apparatus for handling boxes of fruit in an orchard following picking. 3,193,320, 7–6–65, Cl. 294—110.

Gardner, Elmer C. Mechanical couplings for multi-section floatable assembly. 3,221,696, 12–7–65, Cl. 114—43.5.

Gardner, Elmer C., and E. A. Horstketter, to Gardner Engineering Corp. Hoist attachments. 3,211,490, 10–12–65, Cl. 294—88.

Gardner Engineering Corp.: *See*—
Gardner, Elmer C., and Horstketter. 3,211,490.

Gardner, George J.: *See*—
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Gardner, Henry F., to United States of America, Army. Apparatus for casting leg stumps. 3,165,782, 1–19–65, Cl. 18—5.1.

Gardner, Homer K., Jr.: *See*—
Knoepfler, Nestor B., Gardner, and Vix. 3,181,225.

Gardner, Irving. Adjustable and retractable hand reamer device. 3,216,288, 11–9–65, Cl. 77—75.

Gardner, Irwin J.: *See*—
Cottle, Delmer L., Gardner, Miller, and Minckler. 3,203,914.

Gardner, Jack E., to The Birtcher Corp. Ground fault detector. 3,218,622, 11–16–65, Cl. 340—255.

Gardner, James W., to Seabrook Blanching Corp. Apparatus for blanching nuts. 3,196,914, 7–27–65, Cl. 146—32.

Gardner, James W. Apparatus for slitting nut skins. 3,217,764, 11–16–65, Cl. 146—32.

Gardner, John B., and B. G. Harper, to The Dow Chemical Co. Coating compositions of graft copolymers of alkali salts of vinylphenyl alphaaminocarboxylic acids and butadiene-styrene copolymers and method of making the same. 3,165,487, 1–12–65, Cl. 260—29.7.

Gardner, John J., to Morgan Automation, Inc. Sheet steel conveyor and stacking device. 3,182,820, 5–11–65, Cl. 214—6.

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Gardner, Leland C., Sr., and L. F. Waldrop, Jr. Positioning, leveling and supporting device mountable upon an upright pipe or the like. 3,192,614, 7–6–65, Cl. 29—200.

Gardner, Leland C., Sr., and L. F. Waldrop, Jr. Bell and spigot joint with self locking wedge rings. 3,193,299, 7–6–65, Cl. 277—190.

Gardner, Lloyd E., and R. J. Hogan, to Phillips Petroleum Co. Two-section catalyst bed. 3,184,403, 5–18–65, Cl. 208—89.

Gardner, Irving. Reamer clip tool. 3,181,395, 5–4–65, Cl. 77—72.

Gardner Machines, Inc.: *See*—
Neilson, Jay C. 3,168,854.

Gardner, Norman S., and G. Raul, to Raul International Corp. Accessory holder for vehicle. 3,198,466, 8–3–65, Cl. 248—205.

Gardner, Orville A., to Phillips Petroleum Co. Shot hole loading device. 3,199,399, 8–10–65, Cl. 86—20.

Gardner, Robert S., to United States of America, Navy. Transmitter keying and receiver blanking circuit. 3,212,054, 10–12–65, Cl. 340—3.

Gardner, Robert S., to United States of America, Navy. Time delay circuits for echo controlled steering gear. 3,221,694, 12–7–65, Cl. 114—23.

Gardner, Stephen, and J. D. Sutton, to General Precision Inc. Trigger circuit for a high speed flip-flop. 3,187,200, 6–1–65, Cl. 307—88.5.

Gardner, Thomas A. Multiple nozzle air blast web drying. 3,176,412, 4–6–65, Cl. 34—122.

Gardner, Thomas L., to Associated Electrical Industries Ltd. Overspeed trip devices for turbines. 3,165,935, 1–19–65, Cl. 73—548.

Gardner, Thomas L., and G. K. Hawkin, to Associated Electrical Industries Ltd. Stall trip protective device for gas turbines. 3,212,260, 10–19–65, Cl. 60—39.28.
Gardner, Verna B.: *See*—
Halpern, Benjamin D., Dean, and Gardner. 3,183,271.
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Gardner, William J. Pressure device and system for treating body members. 3,186,404, 6–1–65, Cl. 128—87.
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Davis, Richard K., and Gareis. 3,209,350.
Garey, Robert B.: *See*—
Witherspoon, John F., and Garey. 3,224,335.
Garfield, Jackson W. Life line apparatus. 3,216,030, 11–9–65, Cl. 9—14.
Garfield, William L., and I. F. H. Goult, to International Standard Electric Corp. Monitoring circuit receiver for an F.M. radar. 3,226,715, 12–28–65, Cl. 343—14.
Garfinkle, Marvin. Method and apparatus for oxygen steelmaking. 3,212,882, 10–19–65, Cl. 75—60.
Gargani, Arnold J., to Leeds and Northrup Co. Systems for supplying direct-current pulses to a load particularly a series-motor. 3,191,113, 6–22–65, Cl. 318—252.
Gariboldi, John M., to United States of America, Navy. Rocket stage coupling. 3,190,221, 6–22–65, Cl. 102—49.
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Garing, Meriwether L., F. E. Adkins, Jr., and G. E. Branigan, to Reynold Metals Co. Process for treatment of salting out product to recover sodium aluminum fluoride and sulfuric acid. 3,207,575, 9–21–65, Cl. 23—88.
Garkin, Nikolai N., A. I. Pimenov, and A. M. Sharovsky. Memory for programmed operating controls. 3,217,560, 11–16–65, Cl. 74—568.
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Garland, Bernard, and H. K. Pfyffer, to The General Electric Co. Ltd. Electric oscillator arrangements which supply output signals with stabilized voltage. 3,179,900, 4–20–65, Cl. 331—109.
Garland, John E., to General Dynamics Corp. Spectrum balanced modulator. 3,184,690, 5–18–65, Cl. 332—43.
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Garland, Ronald McG., and E. S. Ashford, to Veeder-Root Inc. Apparatus for dispensing preselected mixtures of liquids. 3,195,780, 7–20–65, Cl. 222—134.
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Garmaise, David L., A. F. McKay, and G. Y. Paris, to Monsanto Canada Ltd. Chloromethylation of dichlorobenzenes. 3,217,048, 11–9–65, Cl. 260—651.
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Garman, Robert C. Axle puller. 3,200,484, 8–17–65, Cl. 29—263.
Garman, Ted R., to The Cleveland Crane & Engineering Co. Adjustable material handling grab. 3,197,249, 7–27–65, Cl. 294—81.
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Garms, David C., and F. E. Norton, to The Dow Chemical Co. Polymeric flocculants. 3,210,308, 10–5–65, Cl. 260—29.2.
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Garner, Abel E., to Garner Co., Inc. Framed pantry ware. 3,216,606, 11–9–65, Cl. 220—4.
Garner & Co., Inc.: *See*—
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Garner, Abel E. 3,216,606.
Garner, Fay T. Vehicle having box-like frame. 3,168,927, 2–9–65, Cl. 180—6.48.
Garner, Fay T. Pusher vehicle. 3,198,551, 8–3–65, Cl. 280—481.
Garner, Grady E., to Slane Hosiery Mills, Inc. Pattern mechanism for circular knitting machines. 3,186,191, 6–1–65, Cl. 66—50.
Garner, Howell D., and H. J. E. Reid, Jr., to United States of America, National Aeronautics and Space Administration. Attitude orientation of spin-stabilized space vehicles. 3,180,587, 4–27–65, Cl. 244—1.
Garner, Howell D., and H. J. E. Reid, Jr., to United States of America, National Aeronautics and Space Administration. Dynamic precession damper for spin stabilized vehicles. 3,189,299, 6–15–65, Cl. 244—1.
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Garner, Oscar G., and L. Meyerhoff, to General Cable Corp. Graded initial moisture content paper cable. 3,194,871, 7–13–65, Cl. 174—25.
Garner, Percy, to David Brown Industries Ltd. Gear shaving machine. 3,207,035, 9–21–65, Cl. 90—1.6.
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Garnett, Edward V., to Eaton Metal Products Co. Extensible derrick. 3,212,604, 10–19–65, Cl. 182—51.
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Garney, Karl A., and G. Lindberg, to Arenco Aktiebolag. Machine for filling collapsible tubes. 3,199,694, 8–10–65, Cl. 214—307.
Garnier, Henri L., L. Rubet, L. J. Desroches, R. H. F. Marchal, and L. P. H. Neulien, ½ to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation, and ½ to Commissariat a l'Energie Atomique. Turbomolecular vacuum pump. 3,168,977, 2–9–65, Cl. 230—117.
Garnier, Henri L., L. Rubet, L. J. Desroches, R. H. F. Marchal, and J. Lutz, ½ to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation, and ½ to Commissariat a l'Energie Atomique. Turbomolecular vacuum pump. 3,168,978, 2–9–65, Cl. 230—118.
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Greenwald, Harold A. 3,217,749.
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Garnett, Edward V., to Eaton Metal Products Co. Workman's cage or aerial basket. 3,196,979, 7–27–65, Cl. 182—2.
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Garrett, Jim C. Switch-bank cleaning tool. 3,187,362, 6–8–65, Cl. 15—210.
Garrett, John C., to The Garrett Corp. Safety apparatus for volatile fuel. 3,203,651, 8–31–65, Cl. 244—58.
Garrett, Joseph D. Reclining chair. 3,179,466, 4–20–65, Cl. 297—88.
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Garrison, Clifford L., to Oliver Instrument Co. Gauge. 3,184,860, 5–25–65, Cl. 33—201.
Garrison, Earl R. Telescopic camper for mounting on a pick-up truck. 3,215,465, 11–2–65, Cl. 296—23.
Garrison, John B., to United States of America, Navy. System for simultaneously displaying a plurality of radar images in more than one dimension. 3,212,084, 10–12–65, Cl. 343—7.9.
Garrison, Paul J. Dollie curb jumper. 3,175,835, 3–30–65, Cl. 280—5.32.
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Garth, Ernest D. G., deceased, by A. B. Young and L. C. May, co-executors. Bedside hanger and surgical bag. 3,220,434, 11–30–65, Cl. 137—374.
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Gary, Wright W. Catalytic muffler. 3,174,836, 3–23–65, Cl. 23—288.
Gary, Wright W. Catalytic converter. 3,189,418, 6–15–65, Cl. 23—288.
Gary, Wright W., Jr., L. Isenberg, J. S. Jones, and M. A. Nader, to Aerojet-General Corp. Laminated acoustic panel with sound absorbing cavities. 3,180,448, 4–27–65, Cl. 181—33.
Gas Appliance Supply Corp.: *See*—
Bowman, Dudley. 3,225,998.
Gas Council, The: *See*—
Dent, Frederick J., and Wood. 3,178,272.
Gas Drilling Service Co.: *See*—
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Hull, Raymond J. 3,188,287.
Gasbarro, Luciano, to Breconvuot Anstalt. Vacuum generation apparatus with closed fluid circuit ejector system, especially for vacuum generation of home refrigerators cells and the like. 3,216,214, 11–9–65, Cl. 62—170.
Gasch, Robert H., Jr., E. F. Schmidt, and R. O. Wales, to Honeywell Inc. Optical measuring apparatus using time interval. 3,197,648, 7–27–65, Cl. 250—236.
Gascon, Jean: *See*—
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Gash, Virgil W., to Monsanto Co. Process for the liquid phase direct oxidation of olefins to olefin oxides. 3,210,381, 10–5–65, Cl. 260—348.5.
Gasho, James E.: *See*—
Templin, Walter M., and Gasho. 3,198,031.
Gaska, Cass W., to Carwil Enterprises Inc. Ground effect vehicle of the plenum chamber type with propelling and steering means. 3,177,959, 4–13–65, Cl. 180—7.
Gaska, Remigius A., and H. A. Brejcha, to The Dow Chemical Co. Apparatus for use in procedures requiring agitation in a closed system. 3,206,172, 9–14–65, Cl. 259—27.
Gaske, Joseph E., and W. H. Brown, to De Soto Chemical Coatings, Inc. Coating compositions. 3,211,693, 10–12–65, Cl. 260—33.6.
Gaskell, Edward S. Dough-moulding machines. 3,225,714, 12–28–65, Cl. 107—19.
Gaskell, Joseph, to Gullick Ltd. Roof supports for mines and the like. 3,192,721, 7–6–65, Cl. 61—45.
Gaskins, Thomas. Saw for palm wood. 3,181,577, 5–4–65, Cl. 143—133.
Gaspar, Emeric, M. G. Munns, and P. F. Harrison, to The Projectile and Engineering Co. Ltd. Hydraulic motors. 3,174,407, 3–23–65, Cl. 91—61.
Gasparac, Rudolph J., and H. M. Zoerb, to Nordberg Mfg. Co. Centrifugal feed unit for crusher and method. 3,212,720, 10–19–65, Cl. 241—30.
Gasparini, Francis A., and J. A. Gormley, to Westinghouse Electric Corp. Dispensing apparatus. 3,189,218, 6–15–65, Cl. 221—125.
Gasparini, Francis A., and J. E. Howard, Jr., to Westinghouse Electric Corp. Article dispensing mechanism. 3,209,942, 10–5–65, Cl. 221—67.
Gasparini, Francis A., and J. E. Howard, Jr., to Westinghouse Electric Corp. Selective article dispensing apparatus. 3,209,945, 10–5–65, Cl. 221—67.
Gass, Robert N., to Hardwick Stove Co. Removable oven door and hinge assembly. 3,170,455, 2–23–65, Cl. 126—194.
Gass, Rudolf: *See*—
Steinbach, Karl-Heinz, and Gass. 3,208,279.
Gass, Samuel: *See*—
Tessler, Morty, and Gass. 3,224,789.
Gasser, Adolf: *See*—
Ferrari, Alfredo, and Gasser. 3,212,098.
Gasser, Adolf. Method and devices for operating apparatus passed through by record carrying films. 3,208,654, 9–28–65, Cl. 226—12.
Gasser, Adolf, to Contina Bureaux-und Rechenmaschinenfabrik Aktiengesellschaft. Motion picture camera with moving indicating means in viewfinder for taking panoramic pictures. 3,212,099, 10–12–65, Cl. 352—69.
Gasser, Edward B. Automatic intermittent discharge control mechanism. 3,211,336, 10–12–65, Cl. 222—52.
Gasser, John J., to International Telephone and Telegraph Corp. Machine tool control circuit having a program crossbar switch and a bridge means for checking crosspoints. 3,175,190, 3–23–65, Cl. 340—147.
Gasser, Robert A.: *See*—
Garber, John D., Gasser, and Jones. 3,189,651.
Gassino, Teresio, to Ing. C. Olivetti & C., S.p.A. Automatic multiplication device for a ten key calculating machine. 3,223,318, 12–14–65, Cl. 235—60.
Gassino, Teresio, and N. Giolitti, to Olivetti, Ing. C., & C. S.p.A. Amount checking device for adding, calculating, accounting and similar machines. 3,171,594, 3–2–65, Cl. 235—60.47.
Gassmann, Alois, deceased, by G. Gassmann, administrator, and K. Engel, to Robapharm A.G. 6-nitro-dihydro-1:3-benzoxazine-2:4-dione and derivatives thereof and a process of making same. 3,178,427, 4–13–65, Cl. 260—244.
Gassmann, Gerhard-Gunter, to International Standard Electric Corp. Circuit for producing a direct voltage as a function of the phase difference between two A.C. voltages. 3,194.971, 7–13–65, Cl. 307—72.
Gassmann, Grete: *See*—
Gassmann, Alois, and Engel. 3,178,427.
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Scherenberg, Hans O., and Gassmann. 3,193,053.
Gassmann, Johannes, and R. Ehrhardt, to Daimler-Benz Aktiengesellschaft. Rotary-piston engine construction. 3,207,426, 9–21–65, Cl. 230—145.
Gast, Arthur F., F. L. Lempert, and C. H. Viens, to Pullman Inc. Hydrocracking process with desulfurization and denitrogenization of the feed oil and the separation of hydrogen and hydrocarbon gases from the products. 3,206,389, 9–14–65, Cl. 208—58.
Gast, Dwight, 50% to H. A. Kirk. Buttonless shirt collar. 3,203,004, 8–31–65, Cl. 2—128.
Gast, Lyle E.: *See*—
Dufek, Edward J., Gast, Teeter, Mustakas, and Cowan. 3,179,717.
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Gaston, Aime: *See*—
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Gaston, Dexter W., to Wall Rope Works, Inc. Cordage and methods of manufacture thereof. 3,164,947, 1–12–65, Cl. 57—140.
Gaston, Jack E., to Armstrong Cork Co. Mineral wool quality test. 3,222,924, 12–14–65, Cl. 73—159.
Gaston, Theophile and A. Mono cable transporting device. 3,218,988, 11–23–65, Cl. 104—191.
Gaston, William R., and D. O. Richards, to Owens-Corning Fiberglas Corp. Thermal insulation. 3,222,243, 12–7–65, Cl. 161—113.
Gastrock, Edward A.: *See*—
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Gasway Corp.: *See*—
Kinzelman, Joseph. 3,205,089.
Gaszak, Richard J., to General Electric Co. Method of manufacturing a resistance-heating type water heater. 3,174,-211, 3–23–65, Cl. 29—155.5.
Gateff, George and H. H. Bowerman, to The B. F. Goodrich Co. Process for halogenation of synthetic resins. 3,167,-535, 1–26–65, Cl. 260—92.8.
Gateley, Frank R. Set of arm accessories for chairs. 3,206,249, 9–14–65, Cl. 297—416.
Gates, Albert G. R., to Gestetner Ltd. Pneumatically controlled device for preventing impression if paper is not fed. 3,208,376, 9–28–65, Cl. 101—118.
Gates, Herbert H. Insulator string and bonding brush. 3,196,204, 7–20–65, Cl. 174—141.
Gates, Hessler H., and A. I. Bean, to The Fellows Gear Shaper Co. Tooth space measuring machine. 3,188,745, 6–15–65, Cl. 33—179.5.
Gates, John S., T. V. Ballard, and G. D. Noyes, to Chrysler Corp. Servo regulator valve. 3,215,397, 11–2–65, Cl. 251—50.
Gates, John W., Jr., W. G. Lovett, and P. E. Miller, to Eastman Kodak Co. Photographic emulsions containing carboxymethylated pigskin gelatin. 3,184,312, 5–18–65, Cl. 96—94.
Gates, Lauren W.: *See*—
Hill, Frederick L., and Gates. 3,187,872.
Hill, Frederick L., and Gates. 3,196,954.
Hill, Frederick L., and Gates. 3,206,011.
Gates, Robert L., to Thompson Ramo Wooldridge Inc. Means and method for gyrocompass alignment. 3,225,452, 12–28–65, Cl. 33—226.
Gates Rubber Co., The: *See*—
Hayward, Walter W., Jr. 3,181,900.
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Russ, Paul E., Stavast, and Haines. 3,200,180.
Walters, Donald T., and Moore. 3,177,917.
Gates, Thomas S., to National Broach & Machine Co. Gear finishing equipment. 3,182,558, 5–11–65, Cl. 90—1.6.
Gates, Thomas S., K. J. Davis, and A. B. Bassoff, to National Broach & Machine Co. Improved tool and tool slide driving means in gear finishing machines. 3,195,409, 7–20–65, Cl. 90—1.6.
Gates, Thomas S., C. H. Motz, R. W. Anthony, J. Beckman, Jr., and L. G. Skalsey, to National Broach & Machine Co. Single station multi-master gear gauge. 3,214,842, 11–2–65, Cl. 33—179.5.
Gates, Thomas S., K. J. Davis, and A. B. Bassoff, to National Broach & Machine Co. Gear finishing machine. 3,217,602, 11–16–65, Cl. 90—1.6.
Gates, William H., and R. L. Harris, to Allied Chemical Corp. Process for producing paper-lined by-product gypsum products. 3,181,985, 5–4–65, Cl. 156—39.
Gateway Building Products Co.: *See*—
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Gathmann, Mark H., to United States Steel Corp. Two part hot top. 3,208,116, 9–28–65, Cl. 22—200.
Gatiss, Norman E.: *See*—
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Gatke, Frank T. Curling stone. 3,188,088, 6–8–65, Cl. 273—128.
Gatlin, James A., and A. B. Shimp, to Westinghouse Electric Corp. Excitation system for a dynamoelectric machine. 3,211,987, 10–12–65, Cl. 322—24.
Gatsis, John G.: *See*—
Gleim, William K. T., and Gatsis. 3,165,463.
Gleim, William K. T., Gatsis, and O'Hara. 3,180,820.
Gatsis, John G., to Universal Oil Products Co. Hydrorefining of crude oil and catalyst therefor. 3,173,860, 3–16–65, Cl. 208—264.
Gatsis, John G., to Universal Oil Products Co. Hydrorefining of crude oil and catalyst therefor. 3,180,822, 4–27–65, Cl. 208—264.
Gatsis, John G., and W. K. T. Gleim, to Universal Oil Products Co. Hydrorefining of petroleum crude oil and catalyst therefor. 3,166,494, 1–19–65, Cl. 208—264.
Gatsis, John G., and W. K. T. Gleim, to Universal Oil Products Co. Hydrorefining of petroleum crude oil and catalyst therefor. 3,169,919, 2–16–65, Cl. 208—264.
Gattiker, Albert F., Jr., to Ingersoll-Rand Co. Wire inserting and cutting device. 3,168,750, 2–9–65, Cl. 7—14.1.
Gattiker, Albert F., Jr., to Ingersoll-Rand Co. One shot clutch. 3,220,526, 11–30–65, Cl. 192—150.
Gattiker, David C., and G. J. Fohlich, to St. Paul Ammonia Products, Inc. Nitrate removal from phosphoric acid liquors. 3,195,980, 7–20–65, Cl. 23—165.
Gattiker, David C., and G. J. Frohlich, to St. Paul Ammonia Products, Inc. Nitric acid acidulation of phosphate rock. 3,205,062, 9–7–65, Cl. 71—39.
Gatto, Charles: *See*—
Levin, Herman, and Gatto. 3,191,821.
Gatto, Charles. Conveyor apparatus. 3,170,564, 2–23–65, Cl. 198—165.
Gattoni, Richard S., to Wellington Sears Co., Inc. Terry cloth and method of making same. 3,187,782, 6–8–65, Cl. 139—396.
Gattrugeri, Giovanni, to Edison. Method and apparatus for producing flexible bags having transverse bottoms. 3,214,312, 10–26–65, Cl. 156—69.
Gattuso, Francis V. Adjustable and detachable, lower abdominal support for trousers. 3,185,158, 5–25–65, Cl. 128—519.
Gatward, John F.: *See*—
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Gatz, Ray J., and W. E. Beutler, to The Lamson & Sessions Co. Lifting and dumping apparatus. 3,199,697, 8–10–65, Cl. 214—620.
Gatza, Eugene M., to The Dow Chemical Co. Thickened acidic compositions. 3,216,962, 11–9–65, Cl. 260—29.6.
Gatzemeyer, Jacob B., and N. E. Starkey, to General Electric Co. Two shaft gas turbine control system. 3,168,810, 2–9–65, Cl. 60—39.16.
Gatzert, Ernest H., and G. W. Killian, to General Dynamics Corp. Night answering and transfer of trunk calls. 3,176,080, 3–30–65, Cl. 179—27.
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Gauban, Daniel, to Electricite de France (Service National). Safety core-sampling apparatus. 3,187,824, 6–8–65, Cl. 175—78.
Gauban, Daniel, and J. Raclot, to Inventions Finance Corp. Apparatus for clamping mold parts. 3,195,186, 7–20–65, Cl. 18—43.
Gaubatz, Arthur W., to General Motors Corp. Filament winding of rocket cases. 3,174,388, 3–23–65, Cl. 86—1.
Gaube, Erwin: *See*—
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Gaubis, Leonard L., and E. H. Kusiak, to United Aircraft Corp. Feathered propeller control. 3,170,521, 2–23–65, Cl. 170—160.29.
Gaucet, Jean, to Anciens Etablissements Leon Gaucet. Vibrating exhauster for silos. 3,216,626, 11–9–65, Cl. 222—199.
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Gaudet, Harold D.: *See*—
Frechette, Leo P., and Gaudet. 3,174,609.
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Gaudet, Joseph E. Sewing machine attachment. 3,175,333, 3–30–65, Cl. 51—257.
Gaudet, Marion H., to Traina Ball, Inc. Ball game device. 3,214,166, 10–26–65, Cl. 273—26.
Gaudin, Antoine M.: *See*—
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Gaudio, Nicholas, to Felsenthal Instruments Co., Inc. Flight data computer. 3,220,644, 11–30–65, Cl. 235—78.
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Gaudriot, Henri L., and E. C. Hartmann. Method and apparatus for storing bar stock articles. 3,173,556, 3–16–65, Cl. 214—8.
Gaudry, Paul E., to Electrolux, Aktiebolaget. Surface treating apparatus. 3,216,035, 11–9–65, Cl. 15—49.
Gauer, Walter. Sheet metal edging apparatus. 3,206,965, 9–21–65, Cl. 72—206.
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Gauger, Edward A., Jr., to De Soto Chemical Coatings, Inc. Process of coating porous substrates with polyester resin comprising fumaric acid, polyoxyalkylene glycol and dicyclopentadiene. 3,166,434, 1–19–65, Cl. 117—57.
Gaugler, Richard S., to General Motors Corp. Surface cooking unit for an electric range. 3,167,639, 1–26–65, Cl. 219—370.
Gaugler, Richard S., to General Motors Corp. Electrical resistance device. 3,175,177, 3–23–65, Cl. 338—28.
Gaugler, Richard S., to General Motors Corp. Washing machine with a reciprocatable and rotatable drive motor. 3,184,933, 5–25–65, Cl. 68—23.
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Gauguin, Roland, and G. Nury, to Pechiney, Compagnie de Produits Chimiques et Electrometallurgiques. Purification of halogenated derivatives of silicon and germanium. 3,216,784, 11–9–65, Cl. 23—14.
Gauguin, Roland, and G. Nury, to Pechiney, Compagnie de Produits Chimiques et Electrometallurgiques. Process for the purification of halogenated volatile compounds of germanium and silicon. 3,216,785, 11–9–65, Cl. 23—14.
Gauld, William J.: *See*—
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Gauldie, Kenneth, to Hydraulic Crushers Ltd. Thrust transmitting apparatus for jaw crushers. 3,170,644, 2–23–65, Cl. 241—264.
Gauldie, Kenneth, to Hydraulic Crushers Ltd. Balanced rotary commutating valve. 3,222,867, 12–14–65, Cl. 60—54.5.
Gaulding, Jasper C.: *See*—
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Gaulin, Joseph G. Inking mechanism. 3,186,335, 6–1–65, Cl. 101—157.
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Gault, John M., to International Rectifier Corp. Unijunction transistor device. 3,163,916, 1–5–65, Cl. 29—25.3.
Gault, John M., to International Rectifier Corp. Housing for semiconductor devices. 3,193,612, 7–6–65, Cl. 174—52.
Gault, John M., to International Rectifier Corp. Field effect transistor. 3,217,215, 11–9–65, Cl. 317—235.
Gault, Robert L., and D. L. Haas, to Westinghouse Electric Corp. Cooking range revolving platform. 3,165,627, 1–12–65, Cl. 219—444.
Gault, Stanley C., to General Electric Co. Washing machine. 3,213,650, 10–26–65, Cl. 68—12.
Gault, Vincent A.: *See*—
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Gaumer, Lee S., Jr., to Air Products and Chemicals, Inc. Separation of gaseous mixtures including argon. 3,173,778, 3–16–65, Cl. 62—22.
Gaumer, Lee S., Jr., to Air Products and Chemicals, Inc. Method for low temperature separation of gaseous mixtures. 3,210,951, 10–12–65, Cl. 62—29.
Gaunt, Wilmer B., Jr., to Bell Telephone Laboratories, Inc. Resonant transfer time division multiplex system utilizing negative impedance amplification means. 3,202,763, 8–24–65, Cl. 179—15.
Gauriat, Roger, to Cie Electro-Mecanique. Apparatus for manufacturing metal parts by deformation. 3,170,343, 2–23–65, Cl. 80—24.
Gause, Bruce R., to Carl N. Swenson Co., Inc. Crypt form. 3,167,839, 2–2–65, Cl. 25—130.
Gause, Lawrence J., 49% to C. M. Snyder. Meat molding machine. 3,177,524, 4–13–65, Cl. 17—32.
Gauselmann, Paul, and K. Kube, to Wilhelm Harting Werk fur Elektrotechnik und Mechanik. Electrically operated money changer. 3,191,609, 6–29–65, Cl. 133—5.
Gausewitz & Carr: *See*—
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Gauss, Ernst. Enclosed oscillatory compressor, more particularly refrigerating compressor. 3,171,585, 3–2–65, Cl. 230—55.
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Gauss, William F., to Mobay Chemical Co. Packaging methods. 3,190,442, 6–22–65, Cl. 206—46.
Gaut, Robert T., to Cities Service Gas Co. Gas well casing test packer. 3,204,697, 9–7–65, Cl. 166—133.
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Rentschler, Waldemar T. 3,223,013.
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Gauthier, George E., to General Electric Co. Terminal connections for circuit protective devices. 3,204,150, 8–31–65, Cl. 317—119.

Gauthier, George E., to General Electric Co. Adjustable contact pressure switch mechanism. 3,218,428, 11–16–65, Cl. 200—170.
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Hammond, Frank, Robin, and Gauthier. 3,169,816.
Gauthier, Robert, and F. Dumas, to Societe Industrielle Generale de Mecanique Appliquee S.I.G.M.A. Variable ratio hydraulic transmissions. 3,186,170, 6–1–65, Cl. 60—53.
Gauthier, William K. Abdominal retractor device. 3,168,093, 2–2–65, Cl. 128—20.
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Gautier, Philippe J.-B., and M. Provoost, to Compagnie de Saint-Gobain. Complex fertilizers. 3,193,374, 7–6–65, Cl. 71–41.
Gautier, Philippe J.-B., and M. Provoost, to Produits Chimiques Pechiney Saint-Gobain. Complex fertilizers of potassium tripolyphosphate base. 3,218,150, 11–16–65, Cl. 71—51.
Gautraud, Michael G.: *See*—
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Gautraud, Michael G., and A. J. Albrecht, to Brunswick Corp. Variable throw crank drive mechanism for automatic pinsetter. 3,199,869, 8–10–65, Cl. 273—42.
Gautraud, Michael G., and D. P. J. McLeod, to Brunswick Corp. Pin elevator utilizing centrifugal force. 3,219,346, 11–23–65, Cl. 273—43.
Gauvain, Roger, to Societe Alsacienne de Constructions Mecaniques. Control mechanism for feed equipment of rectilinear combers. 3,184,779, 5–25–65, Cl. 19—225.
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Gavin, John H. Trigger for high rate actuators. 3,194,016, 7–13–65, Cl. 60—51.
Gavin, Thomas W. Pepetitive cycle rotary impression machine. 3,192,856, 7–6–65, Cl. 101—259.
Gavlek, Andrew L. Coaster-craft. 3,225,367, 12–28–65, Cl. 9—1.
Gavlin, Gilbert, and K. Hattori, to The Richardson Co. Preparation of 2-aminoethyl hydrogen sulfate. 3,169,143, 2–9–65, Cl. 260—458.
Gavlin, Gilbert, E. A. Hedman, and B. W. Hubbard, Jr., to The Richardson Co. Propylene-butadiene elastomer and process. 3,197,448, 7–27–65, Cl. 260—85.3.
Gavreau, Vladimir, A. Calaora, and M. Miane, to Centre Nationale de la Recherche Scientifique. Automatic and remote-control systems by mechanical speed-counters. 3,189,764, 6–15–65, Cl. 307—115.
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Gawne, Daniel, and P. R. Fortier. Display holder. 3,205,601, 9–14–65, Cl. 40—156.
Gawreluk, Demeter, to J. I. Case Co. Power transmission. 3,198,107, 8–3–65, Cl. 100—188.
Gawreluk, Demeter, to J. I. Case Co. Agricultural implement. 3,203,429, 8–31–65, Cl. 130—27.
Gawron, Alex F., to Skil Corp. System for controlling electric motors in power tools and the like. 3,209,228, 9–28–65, Cl. 318—345.
Gay, Arthur S. Method of handling and transporting paint. 3,212,538, 10–19–65, Cl. 141—9.
Gay, Benjamin A., and D. A. Moyant, to Atlas Chemical Industries, Inc. Electrical switch having deformable contact members. 3,178,540, 4–13–65, Cl. 200—142.
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Gay, Georges F., and S. M. Sassier, to Massey-Ferguson S.A. Pivoted share root crop harvester. 3,198,260, 8–3–65, Cl. 171—106.
Gay, Herman P. Strain type transducers. 3,184,962, 5–25–65, Cl. 73—88.5.
Gay, Lawrence H., to Deere & Co. Telescoping discharge spout. 3,168,946, 2–9–65, Cl. 193—6.
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Gay, Richard J., to Petro-Tex Chemical Corp. Dehydrogenation in the presence of oxygen and an ammonium halide. 3,207,805, 9–21–65, Cl. 260—680.
Gaya, William L., to The Bates Mfg. Co. Multiple punch. 3,176,570, 4–6–65, Cl. 83—571.
Gaydos, James W. Canned metal charge. 3,211,286, 10–12–65, Cl. 206—84.
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Gaylord, John A., to H. Koch & Sons. Adjustable webbing adapter. 3,163,905, 1–5–65, Cl. 24—196.
Gaylord, John A., to H. Koch & Sons. Safety locking device for the inflating means in aerial survival kits. 3,165,763, 1–19–65, Cl. 9—11.
Gaylord, John A., to H. Koch & Sons. Quick engaging buckle for safety belts. 3,165,803, 1–19–65, Cl. 24—225.
Gaylord, John A., to H. Koch & Sons. Actuating devices for aerial survival kits. 3,182,928, 5–11–65, Cl. 244—1.
Gaylord, John A., to H. Koch & Sons. Canopy release. 3,183,568, 5–18–65, Cl. 24—230.
Gaylord, John A., to H. Koch & Sons. Disconnect device for survival kits. 3,185,148, 5–25–65, Cl. 128—142.
Gaylord, John A., to H. Koch & Sons, Inc. Snap fastener for a loop or strap. 3,187,395, 6–8–65, Cl. 24—235.
Gaylord, John W., to Radio Corp. of America. High frequency high power electron discharge device and electrode mount therefor. 3,172,001, 3–2–65, Cl. 313—247.
Gaylord, John W., and J. B. Pyle, to Radio Corp. of America. Electron tube having a novel electrode support arrangement. 3,197,666, 7–27–65, Cl. 313—255.
Gaylord, Norman G., to Interchemical Corp. Graft copolymers from monomers of norbornenes, acrylates, acrylics, and amine-aldehyde and inks thereof. 3,196,124, 7–20–65, Cl. 260—30.6.
Gaylord, William M., Jr., and J. F. Knott, III, to Union Carbide Corp. Apparatus for diluting acids and alkalies. 3,201,205, 8–17–65, Cl. 23—283.
Gaylord, William M., Jr., to Union Carbide Corp. Adsorption-type dehumidifier. 3,224,169, 12–21–65, Cl. 55—208.
Gaynes, Raymond A., to Mystik Tape, Inc. Thermally stable pressure-sensitive adhesive tape and method for making same with plural silicone coatings. 3,202,535, 8–24–65, Cl. 117—75.
Gaynor, Edwin G., to E. S. Gaynor. Two-button two-stage switch. 3,221,112, 11–30–65, Cl. 200—5.
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Gaynor, Joseph, J. F. Burgess, and B. C. Wagner, to General Electric Co. Method for the preparation of copper sulfide films and products obtained thereby. 3,189,481, 6–15–65, Cl. 117—211.
Gaynor, Joseph, J. F. Burgess, and B. C. Wagner, to General Electric Co. Method for the preparation of copper sulfide films and products obtained thereby. 3,203,836, 8–31–65, Cl. 148—6.31.
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Gdovichin, George G., and J. D. Berezansky, to Jab Co., Inc. Direction sensing speed responsive switch. 3,172,973, 3–9–65, Cl. 200—80.
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Geary, Milford. Imposion thrust engine and vehicle. 3,198,459, 8–3–65, Cl. 244—73.
Geary, Robert J., to Plant Products Corp. Insecticidal compositions containing lignin sulfonic acid. 3,164,516, 1–5–65, Cl. 167—42.
Geary, Robert J., to Plant Products Corp. Pesticidal resin and method of preparing same. 3,223,513, 12–14–65, Cl. 71—2.3.
Geary, William R. C. Animal handling apparatus. 3,190,265, 6–22–65, Cl. 119—103.
Geary, William R. C. Holding and conveying apparatus for facilitating the treatment of animals. 3,215,120, 11–2–65, Cl. 119—98.
Gebauer, Bodo G., to Automatic Electric Laboratories, Inc. Welding apparatus. 3,193,657, 7–6–65, Cl. 219—78.
Gebel, Radames K. H., to United States of America, Air Force. Secondary emission multiplier intensifier image orthicon. 3,191,086, 6–22–65, Cl. 313—65.
Gebel, Radames K. H., to United States of America, Air Force. Sequential light amplifier system. 3,217,099, 11–9–65, Cl. 178—6.8.

Geber, Eugene E. Revolver firing mechanism. 3,176,423, 4–6–65, Cl. 42—65.
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Gednalske, Louis L. Fishing rig for ice fishing. 3,168,789, 2–9–65, Cl. 43—19.2.
Gee, Frank W., to Ferranti, Ltd. Electrical transformers having dismantlable laminated cores. 3,172,067, 3–2–65, Cl. 336—217.
Gee, Gordon E., and R. B. Schrecongost, to Hammond Organ Co. Variable core tuning inductor. 3,217,277, 11–9–65, Cl. 336—135.
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Gee, Paul Y. C., and H. J. Andress, Jr., to Socony Mobil Oil Co. Mineral oil compositions containing metal salts of citramic acids. 3,192,160, 6–29–65, Cl. 252—33.6.
Gee, Robert E., J. B. Gray, and P. R. Hippely, to E. I. du Pont de Nemours and Co. Apparatus for contacting a gas with a liquid. 3,172,736, 3–9–65, Cl. 23—285.
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Geen, Henry C., and W. A. Rice, to Chemotronics, Inc. Process for bonding and/or reticulation. 3,175,025, 3–23–65, Cl. 264—80.
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Geerlings, Petrus J. Belt type feed blender. 3,182,968, 5–11–65, Cl. 259—9.
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Geffcken, Walter, and M. Faulstich, to Jenaer Glaswerk Schott & Gen. Glass containing lanthanum borosilicate and rich in aluminum oxide. 3,174,871, 3–23–65, Cl. 106—54.
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Gegauf, Fritz, Jr., to Fritz Gegauf Aktiengesellschaft. Tensioning device for the upper thread in a sewing machine. 3,190,249, 6–22–65, Cl. 112—254.
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Gegenheimer, Harold W., A. N. Stad, and P. E. Tobias, to Baldwin-Gegenheimer Corp. Printing press water solution mixing and distributing mechanism. 3,223,294, 12–14–65, Cl. 222—434.
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Geier, Douglas J., G. J. Pesman, R. S. Johnston, and M. I. Radnofsky, to United States of America, National Aeronautics and Space Administration. Shock absorbing support and restrain means. 3,165,356, 1–12–65, Cl. 297—216.
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Geiger, Clarence A., and T. Elliott. Web break detector. 3,185,784, 5–25–65, Cl. 200—61.18.
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Alger, John R. M., and Hays. 3,216,226.
Alger, John R. M., and Hays. 3,216,227.
Alger, Philip L., and Wall. 3,171,996.
Andersen, Edward O. 3,224,075.
Anderson, Bernard J. 3,165,294.
Anderson, Cleve R., and Alter. 3,222,124.
Anderson, John G. 3,211,914.
Anderson, Robert M., and Demchock. 3,188,162.
Anderson, Robert P. 3,184,327.
Andrews, Theodore E. 3,202,799.
Apker, Le R. 3,214,629.
Applebaum, Sidney P. 3,218,559.
Archer, Harry W., Klein, and Stokes. 3,205,325.
Archer, Harry W., and Powell. 3,198,907.
Argue, Donald D., and Stauffer. 3,183,605.
Armandroff, Taft E. 3,169,410.
Ashby, Bruce A. 3,179,679.
Ashley, Robert B. 3,177,438.
Ashley, Robert B. 3,177,448.
Baclawski, Joseph E. 3,168,663.
Bacon, John E., and Jewell. 3,218,494.
Baer, Martin A. 3,218,015.
Bailey, Betty L., Beavers, and McCardle, Jr. 3,214,904.
Bailey, Francis M. 3,208,674.
Baird, Leslie L. 3,201,556.
Balducci, Edmund G. 3,171,204.
Balis, Earl W. 3,176,115.
Ballard, Amos D. 3,194,083.
Bang, Jens. 3,200,199.
Baranowski, Frank, Jr. 3,213,708.
Barbera, Frank B., and Sugden. 3,198,514.
Barkan, Philip. 3,183,331.
Barkan, Philip. 3,219,883.
Barkan, Philip. 3,225,160.
Barkan, Philip, and Bogert. 3,183,330.
Barkan, Philip, Lee, and Porter. 3,211,886.
Barkan, Philip, and Oppel. 3,211,868.
Barkan, Philip, and Tognella. 3,180,960.
Barnett, David L. 3,198,991.
Barney, Duane L. 3,213,302.
Barringer, Jerry M., and Gilbert. 3,216,174.
Barry, William T., Jr. 3,177,175.
Bateman, Amos W. 3,202,875.
Bates, William C. 3,221,259.
Bates, William C., and True. 3,184,616.
Bates, William C., and True. 3,219,754.
Bean, Charles P., and Fisher. 3,214,249.
Beard, Samuel R., Jr. 3,193,716.
Beardslee, Robert M. 3,188,669.
Beardsley, Kenneth D., and Wilk. 3,164,889.
Beatty, John W. 3,178,546.
Beaudoin, Norman R. 3,171,932.
Beaudoin, Norman R., and Piteo. 3,193,647.
Beavers, Robert G., and Waters. 3,214,905.
Beckes, George W., and McVoy. 3,217,278.
Beggs, James E. 3,176,164.
Beisheim, James W., and Gerry. 3,203,096.
Beisheim, James W., and Stephens. 3,189,998.
Belk Samuel A., and Humenick. 3,181,297.

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Bennett, Moreland P., and Hughes. 3,213,259.
Bentsen, Arthur R. 3,167,314.
Bentsen, Arthur R. 3,169,772.
Berning, Kenneth W., and Sebastian. 3,170,117.
Berry, David L., and Peil. 3,205,375.
Berry, David L., and Peil. 3,205,376.
Beyer, Stanley J., and Priest. 3,191,401.
Bhimani, Bhupendrakumar V. 3,199,023.
Birdsall, Charles K., and Grow. 3,202,867.
Birmingham, Roy J. 3,221,806.
Blackmer, Richard H. 3,172,784.
Blanchard, Harry S., and Finkbeiner. 3,219,625.
Blanchard, Harry S., and Finkbeiner. 3,219,626.
Bluestein, Ben A. 3,177,178.
Bluestein, Ben A. 3,208,973.
Blume, Alan E. 3,182,325.
Blume, Alan E. 3,182,330.
Bobear, William J. 3,177,177.
Bobo, Melvin. 3,222,017.
Bochan, John. 3,192,745.
Bochan, John. 3,211,015.
Bochan, John. 3,217,518.
Bochan, John, and Toma. 3,199,649.
Bogert, Ernest H., Kurtz, and Mishkovsky. 3,178,545.
Bolton, Michael J., Joyner, and Lux. 3,177,107.
Bolyard, Lewis C. 3,176,174.
Bondley, Ralph J. 3,213,184.
Boot, Reginald J. 3,213,048.
Boot, Reginald J., and De Zuba. 3,177,176.
Boothe, Willis A. 3,181,546.
Boothe, Willis A. 3,186,422.
Borman, Willem F. H. 3,226,361.
Bostock, Rylance H., Jr. 3,216,700.
Bovenkerk, Harold P. 3,167,159.
Bower, Arnold B., Jr. 3,187,825.
Boyden, Albert M. 3,188,414.
Bozeman, Richard W. 3,221,188.
Brackett, Robert. 3,187,085.
Brackett, Robert. 3,187,296.
Brame, Gordon R., and Chafee. 3,197,886.
Brammerlo, Allen A. 3,200,317.
Brandt, Theodore C., and Hobbs. 3,174,541.
Branscom, Glenn A., Chausse, Lindner, and Thompson. 3,169,424.
Braun, Howard E. 3,166,481.
Bray, David W. 3,183,449.
Bray, Thomas E. 3,207,905.
Bray, Thomas E. 3,211,900.
Bremer, John W. 3,174,124.
Bremer, John W., and Cotey. 3,167,748.
Bremer, John W., and Newhouse. 3,182,294.
Brezosky, Bernard J. 3,187,214.
Brezosky, Bernard J. 3,207,837.
Bristow, Robert H. 3,167,458.
Brody, Herbert M. 3,200,605.
Brokaw, Robert W. 3,168,683.
Broverman, Michael. 3,213,397.
Broverman, Michael, and Woods. 3,164,794.
Brown, Russell A. 3,198,987.
Buchanan, James L., Swanson, and Zelina. 3,192,468.
Buchanan, James L., and Zelina. 3,201,679.
Bullock, Earl R. 3,202,884.
Bundy, Francis P. 3,186,835.
Bundy, Francis P. 3,212,852.
Bundy, Francis P., and Wentorf. 3,179,979.
Bundy, Francis P., and Wentorf. 3,212,851.
Burch, James R., and Chace. 3,198,910.
Burchell, Lloyd S. 3,206,604.
Burton, Coleman H., and Mitchell. 3,164,804.
Burton, Coleman H., and Mitchell. 3,222,644.
Buys, George R., and Nettleton. 3,185,792.
Cain, Dallas E. 3,185,791.
Cain, Dallas E., and Duckwald. 3,213,689.
Callender, Edwin M. 3,200,626.
Camilli, Guglielmo. 3,164,666.
Campbell, Rex C. 3,226,551.
Candell, Earl B. 3,181,694.
Cannon, Peter. 3,194,628.
Carbary, Richard J. 3,187,517.
Carbary, Richard J. 3,216,776.
Cardwell, John G., Jr. 3,211,943.
Cardwell, John G., Jr. 3,211,950.
Carlson, Gerald J. 3,223,883.
Carlson, John I., Sr., and Page. 3,179,262.
Carlson, John I., Sr., and Page. 3,198,518.
Carpenter, Thomas J. 3,223,874.
Carson, Robert L. 3,164,064.
Carson, Robert L., and Ipsen. 3,211,957.
Casey, Robert T. 3,218,412.
Casey, Robert T. 3,218,519.
Casey, Robert T. 3,218,520.
Cavagnaro, William A. 3,220,736.
Cech, Robert E. 3,186,833.
Cech, Robert E., and McFarland. 3,212,883.
Chafee, Glenn R. 3,180,038.
Chafee, Glenn R., Jr. 3,198,903.
Chafee, Glenn R., Jr. 3,224,107.
Chalk, Alan J. 3,188,299.
Chalk, Alan J. 3,188,300.
Chamberlain, Harvey H. 3,214,708.
Chang, Winston H. 3,194,697.

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Chapman, Charles W. 3,178,626.
Chengges, James L. 3,175,672.
Chessin, Newton, and Eppert. 3,219,884.
Chestnut, Harold, Troutman, and Sollecito. 3,225,179.
Chisholm, Roy D. 3,176,485.
Chisholm, Roy D. 3,214,567.
Christy, Richard S. 3,226,590.
Clapp, Charles W. 3,210,746.
Clark, David B., and Langley. 3,223,225.
Clark, Gordon W., Fuerst, Sheldon, and Stoeckly. 3,169,366.
Clark, Robert C. 3,166,735.
Clemm, Peter J. 3,188,249.
Clemm, Peter J. 3,215,563.
Cobine, James D. 3,167,629.
Cobine, James D. 3,188,514.
Cochran, John T., Ongman, and Weber. 3,216,182.
Coffin, Louis F., Jr. 3,226,608.
Coghill, Henry D. 3,213,317.
Cohen, Merrill. 3,219,624.
Cohen, Merrill, and Reilly. 3,205,197.
Cole, Samuel W. 3,184,914.
Colley, William C., Jr. 3,176,465.
Collins, Harold B., Jr., Steinmayer, and Jones. 3,209,258.
Collins, Lawrence R. 3,173,730.
Collins, Robert P., and Lee. 3,215,829.
Connelly, Joseph M. 3,202,860.
Cooley, John R. 3,200,226.
Coombs, Verner D. 3,187,566.
Cooper, David, De Koranyi, and Zelina. 3,188,427.
Cooper, James, Jr. 3,189,478.
Cooper, James M., and Welch. 3,164,338.
Coppola, Patrick P. 3,221,197.
Corey, Philip D. 3,217,171.
Cornell, William G., Colon, Weinig, and Shattuck. 3,216,455.
Corson, Almon J. 3,218,554.
Cory, Howard E. 3,179,869.
Coyne, Gerard G. 3,210,958.
Crain, Norman R. 3,167,662.
Crane, Hewitt D. 3,178,582.
Cressman, George W. 3,199,316.
Crew, Richard F. 3,208,920.
Criffield, Melvin E. 3,188,047.
Crouch, Donald W., and Lee. 3,211,866.
Crutcher, William C. 3,198,433.
Cubbage, John F. 3,183,485.
Cubbage, John F. 3,183,490.
Culbertson, Robert J. 3,196,272.
Cullen, William F. 3,217,203.
Cunningham, Clarence V., and Lichtenfels. 3,184,664.
Cushing, Donald S. 3,169,541.
Cutler, John H., and Britten. 3,218,567.
Cuzzone, Raymond. 3,173,477.
Czerkies, John R., and Peck. 3,202,279.
D'Adamo, Joseph B. 3,219,965.
Dally, Roy. 3,219,352.
Dally, Roy. 3,220,737.
Dally, Roy. 3,220,738.
Daniels, Franklin W. 3,225,276.
Danko, George K. 3,194,625.
Davies, Robert L. 3,172,068.
Davis, Louis K. 3,226,062.
Davis, Reuel L., Jr. 3,212,172.
Davis, Richard K. 3,209,351.
Davis, Richard K., and Bailey. 3,169,242.
Davis, Richard K., and Bailey. 3,210,759.
Davis, Richard K., and Gareis. 3,209,350.
Dehn, Rudolph A. 3,197,720.
De Hollander, William R. C. 3,209,845.
De Jean, Milton V., and Lacy. 3,222,234.
De Puy, Robert P. 3,176,212.
De Wolf, George L. 3,214,662.
Demo, Raymond D. 3,177,594.
Denny, John P., and Hardt. 3,181,936.
Denson, Costel D. 3,205,192.
Denton, Bryce A. 3,188,757.
Denton, Bryce A. 3,188,758.
Denton, Bryce A. 3,201,880.
Devol, James C., and Kirk. 3,177,391.
Dewes, Roger A., and Goodale. 3,198,945.
Diefendorf, Russell J. 3,172,774.
Diefendorf, Russell J. 3,206,327.
Diefendorf, Russell J. 3,206,331.
Diefendorf, Russell J. 3,213,177.
Diehl, Max H. 3,178,593.
Diehl, Paul H., and Sorensen. 3,173,292.
Dillon, Eugene F. 3,195,093.
Dimond, Herbert M., and Gauthier. 3,192,334.
Dinger, Edward H. 3,187,203.
Dinger, Edward H. 3,223,906.
Dixon, Francis E. 3,212,041.
Dome, Robert B. 3,172,052.
Dome, Robert B. 3,184,547.
Dome, Robert B. 3,219,759.
Dome, Robert B. 3,219,917.
Dove, Donald E. 3,187,260.
Dowdle, Walter F., and Wheeler. 3,185,783.
Driesch, Theodore W., and McFarland. 3,205,325.
Driesch, Theodore W., and Wood. 3,198,308.
Duck, Peter M. 3,196,326.

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Dunwiddie, Lloyd E., Mollenberg, and McCroskey. 3,219,856.
Dutton, John C. 3,174,540.
Dvorin, Martin. 3,181,872.
Eadie, Edward M., Jr. 3,213,366.
Early, Randolph C., and Fuller. 3,223,940.
Edkins, Denis P. 3,186,165.
Edson, William A. 3,185,978.
Edwards, Harold H., and Newhouse. 3,219,841.
Eggenberger, Markus A., and Troutman. 3,198,954.
Ehlert, Ralph C. 3,205,355.
Ehner, William J. 3,193,312.
Eis, Ralph O. 3,165,655.
Eis, Ralph O., Tomhave, and Walsh. 3,218,490.
Elder, James C. 3,182,242.
Ellenberger, Francis R. 3,176,959.
Ellenberger, Francis R. 3,202,397.
Ellenberger, Francis R., and Carter. 3,180,614.
Elliott, John R., and Cooper. 3,175,995.
Engelman, Helmuth W. 3,182,182.
Eppig, Henry J., and Kennedy. 3,194,110.
Ericson, Eric A. 3,212,741.
Erwin, John R. 3,172,621.
Erwin, John R., and Smith. 3,193,185.
Evans, John T. 3,173,001.
Evans, John T. 3,223,830.
Evans, John T., and Lukens. 3,211,896.
Evans, Ross M., Jr., and Hayba. 3,217,352.
Falk, Richard B. 3,198,717.
Falk, Ronald E. 3,181,041.
Feher, Alexander, Jr. 3,179,756.
Feher, Alexander, Jr. 3,221,115.
Fehr, Joseph A., Jr. 3,172,013.
Fehr, Joseph A., Jr. 3,181,102.
Fenner, Gunther E. 3,173,014.
Ferrigno, William L., Jr. 3,221,317.
Fiedler, Howard C. 3,184,346.
Fiedler, Howard C. 3,214,303.
Fields, John H., Propster, and Masters. 3,225,334.
Finlayson, Frank E., and Swenson. 3,183,610.
Fischer, Lee J. 3,186,491.
Fisher, Alec. 3,198,975.
Fisher, John C. 3,219,857.
Fitzmayer, Louis H. 3,172,987.
Fitzmayer, Louis H., and Jordan. 3,177,335.
Fitzroy, Roland V., Jr., and Cooper. 3,182,244.
Fliss, Carl T. 3,207,358.
Flowers, Ralph G. 3,172,921.
Fogelquist, Jack D. 3,217,307.
Foley, Leroy E., Jr., and Paterson. 3,166,104.
Foote, Lawrence R. 3,209,226.
Forrer, Max P. 3,210,594.
Forslund, Herbert B., and Fulton. 3,211,576.
Forslund, Herbert B., and Hirst. 3,186,867.
Forslund, Herbert B., and Hoehn. 3,211,577.
Foster, Harold S., and Logg. 3,175,316.
Foster, Raymond F. 3,219,932.
Fox, Daniel W. 3,220,974.
Fox, Daniel W. 3,221,080.
Fox, James E. 3,208,847.
Frank, Edward J. 3,191,096.
Frank, Gerald F. 3,202,907.
Frankel, Stanley P. 3,187,308.
Franko, Fredrick M. 3,187,406.
Freedman, Meyer L. 3,188,282.
Freeman, Arthur H. 3,222,780.
Friedlander, Erich S. 3,193,758.
Friend, Aaron L. 3,172,091.
Friend, Aaron L. 3,193,812.
Fruin, Robert E., and Newhouse. 3,182,209.
Fruin, Robert E., and Newhouse. 3,182,293.
Fullman, Robert L. 3,164,896.
Furbee, Avery D. 3,198,944.
Gallen, Alexander J., McCurry, and Schneider. 3,202,897.
Gaszak, Richard J. 3,174,211.
Gatzemeyer, Jacob B., and Starkey. 3,168,810.
Gault, Stanley C. 3,213,650.
Gauthier, George E. 3,194,934.
Gauthier, George E. 3,204,150.
Gauthier, George E. 3,218,428.
Gaynor, Joseph, Burgess, and Wagner. 3,189,481.
Gaynor, Joseph, Burgess, and Wagner. 3,203,836.
Gelbard, Robert B. 3,201,032.
Geller, Harry. 3,182,854.
Geller, Harry. 3,207,831.
Gempler, Edward B., and Watson. 3,207,940.
Genuit, Luther L. 3,170,085.
Genuit, Luther L. 3,196,340.
Georgiev, Peter, and Ray. 3,164,792.
Gesmar, Jorgen. 3,201,893.
Gethmann, Richard B. 3,217,200.
Getman, Clarence. 3,189,020.
Getman, Clarence. 3,189,375.
Gettys, Briggs. 3,213,667.
Gibbons, Martin D. 3,174,063.
Gibson, Van R., Jr., and Kemeny. 3,215,920.
Gilbert, Elliott M. 3,197,691.
Gilbert, Kendall. 3,211,423.
Girard, Roland T. 3,219,480.
Gitzendanner, Louis G. 3,191,079.
Glaberson, Louis, and Decker. 3,214,539.
Glenn, William E., Jr. 3,209,072.
Glenn, William E., Jr. 3,213,318.

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Goldberg, Eugene P. 3,169,121.
Goldberg, Eugene P. 3,207,814.
Goldberg, Eugene P. 3,220,973.
Goldberg, Eugene P. 3,220,976.
Goldberg, Leon J. 3,165,610.
Goldman, Richard G. 3,213,675.
Goldman, Richard G., and Marklein. 3,189,767.
Golik, Edwin R. 3,222,455.
Goodale, Edmund E., Rochlin, and Verbinski. 3,221,165.
Goodman, Joe, Jr. 3,172,038.
Goodman, Thomas P. 3,172,287.
Goodman, Thomas P. 3,172,630.
Goodman, Thomas P. 3,220,247.
Goor, Dan. 3,206,686
Goor, Dan. 3,213,450.
Gordon, Walter H., Jr. 3,204,066.
Gordon, Walter H., Jr. 3,222,497.
Gorowitz, Bernard, and Gloersen. 3,221,212.
Gottschalk, Klaus. 3,219,870.
Gottung, William H., Kelch, and Stevens. 3,202,558.
Graham, Donald C. 3,214,718.
Grams, William R., and Weininger. 3,211,967.
Grams, William R., and Weininger. 3,211,968.
Grattidge, Walter. 3,176,186.
Graves, Donald E. 3,205,360.
Gray, Willard F. M., and Moser. 3,170,225.
Green, Alwin C. 3,226,597.
Greenwood, Allan N. 3,225,167.
Greenwood, Allan N., and Porter. 3,185,799.
Grgetic, Edward F. 3,194,389.
Griessel, Richard W. 3,167,678.
Grimshaw, Charles. 3,177,321.
Grobel, Lloyd P. 3,168,666.
Guenther, Carl, and Argue. 3,201,055.
Guth, Lauren W., and Thurman. 3,198,443.
Gutzwiller, Frank W. 3,165,688.
Gutzwiller, Frank W. 3,213,349.
Gutzwiller, Frank W. 3,222,583.
Hall, Robert N. 3,201,666.
Halverstadt, Robert D., Stewart, and Hunt. 3,216,854.
Hamilton, Douglas J. 3,178,692.
Hamilton, William L. 3,217,127.
Hammerly, Herman J. 3,171,919.
Hanchett, Leland J., Jr. 3,204,950.
Hannam, Herbert J. 3,207,937.
Hansler, Richard L. 3,188,513.
Hardy, Albert L., Hauser, and Stiner. 3,186,652.
Harman, Ward A. 3,214,632.
Harpley, Theodore R. 3,165,668.
Harpley, Theodore R. 3,167,683.
Harrington, Dean B. 3,201,627.
Harris, Lawrence A., and De Tommasi. 3,196,043.
Hart, Benjamin F. 3,211,032.
Hart, Benjamin F., Carlson, and Zubal. 3,206,964.
Hartmanis, Juris, and Lewis. 3,174,031.
Harvey, Luke M. 3,211,936.
Hauge, Lee J. 3,209,245.
Havn, Svend E., and Namordi. 3,215,888.
Hawthorne, Vaughn T. 3,172,065.
Hay, Allan S. 3,173,933.
Hay, Allan S. 3,176,039.
Hay, Allan S. 3,210,384.
Hayba, Franklin P. 3,217,351.
Heard, George G., Jr. 3,215,820.
Heft, Eldon B. 3,211,867.
Hein, Walter J. 3,167,688.
Heinlein, Leon T. 3,194,999.
Heintz, Milton L. 3,189,708.
Helberg, Harry J. 3,185,948.
Hellar, Martin W., Jr., 3,212,615.
Herold, Henry L., and Tucker. 3,219,978.
Herrick, Carlyle S. 3,201,275.
Herrick, Carlyle S. 3,212,038.
Heumann, Frederick K. 3,201,227.
Hibbard, Walter R., Jr., and Walter. 3,164,496.
Hickey, John S., Jr. 3,223,950.
Hickle, James C. 3,206,329.
Hicks, William R., and Kronson. 3,189,995.
Hoag, Yates M. 3,173,306.
Hoag, Yates M. 3,196,357.
Hobson, Charles F., Jr. 3,205,410.
Hobson, Charles F., Jr. 3,206,584.
Hodge, William F. 3,195,001.
Hodge, William F. 3,219,872.
Hodges, Merwyn E. 3,176,190.
Hoffman, Herbert N. 3,185,854.
Hogue, Lawrence J. 3,185,906.
Hogue, Marcus P. 3,182,111.
Hogue, Marcus P. 3,210,577.
Holcomb, Richard H. 3,195,002.
Holcomb, Richard H. 3,211,938.
Holcomb, Richard H., and Thomasson. 3,211,826.
Holdstock, Norman G. 3,182,076.
Holeman, John M. 3,185,022.
Holl, Peter M. 3,169,369.
Hollister, Edwin S. 3,183,738.
Holtslag, David J. 3,175,962.
Hopkins, Ernest J. 3,196,290.
Hopper, Claude, Jr. 3,197,546.
Horsch, James R. 3,170,146.
Horvay, Julius B. 3,225,564.
Howard, Charles F. 3,175,927.

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Howell, Edward K. 3,189,789.
Howell, Edward K. 3,223,923.
Howells, Paul W. 3,202,990.
Howells, Paul W. 3,202,991.
Hsu, Hsiung, and Wanuga. 3,193,772.
Hudson, LeRoy F., Jr. 3,169,223.
Hudson, Robert C. 3,170,091.
Hueschen, Robert E. 3,211,940.
Hueschen, Robert E. 3,222,558.
Hughes, Philip G. 3,192,642.
Hughes, William C. 3,188,377.
Hughes, William C., and Wolfe. 3,195,112.
Hughes, William C., and Wolfe. 3,219,983.
Hughes, William C., Wolfe, and Glenn. 3,225,335.
Hughes, William C., Wolfe, and Rieke. 3,167,747.
Hume, Roger E. 3,225,255.
Hummel, Wiley M. 3,210,503.
Hummel, Wiley M. 3,210,714.
Humphrey, John G. 3,192,316.
Hunt, William R. 3,224,819.
Hurley, Michael G. 3,189,871.
Hurwitz, Henry, Jr. 3,183,379.
Hurwitz, Henry, Jr., and Koenig. 3,183,403.
Hurwitz, Henry, Jr., and Sutton. 3,183,380.
Hutt, Philip. 3,169,174.
Hutt, Philip. 3,201,564.
Hutt, Philip, and Mapelsden. 3,211,846.
Illyn, Alexis V., Palmer, and Popoff. 3,222,283.
Ipsen, Peter G. 3,176,094.
Jacobs, Ivan M. 3,178,355.
Jacobs, Lewis W., and Sabatella. 3,165,372.
Jakowatz, Charles V. 3,168,645.
Jakowatz, Charles V. 3,214,699.
Jaquiss, Donald B. G. 3,220,978.
Jarvie, Alexander G., and Stimson. 3,217,957.
Jellies, David A. 3,199,525.
Jellies, David A., and Seal. 3,174,489.
Jencks, Charles L., and Klein. 3,171,936.
Jencks, Charles L., and Stokes. 3,171,929.
Jenkins, Thomas E. 3,179,481.
Johnson, Carl R., and Propster. 3,173,000.
Johnson, Daniel. 3,214,751.
Johnson, Joseph F. 3,172,014.
Johnson, Peter D. 3,191,406.
Johnson, Wallace M. 3,185,946.
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Johnston, Frank C., and Krauss. 3,183,299.
Jones, Howard T. 3,189,857.
Jones, Samuel P. 3,192,424.
Kaeding, Hugo C. 3,196,297.
Kamide, Harris P. 3,221,141.
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Kane, Hugh, and Pusch. 3,170,057.
Kappus, Peter G. 3,176,934.
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Kast, Howard B. 3,212,752.
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Kaye, Anthony J. 3,206,857.
Kearns, William J. 3,204,140.
Keating, Charles A. 3,192,610.
Keeling, Kermit B., Sr., and Baughman. 3,176,541.
Kelley, Fred W., Jr. 3,191,117.
Kelling, Leroy U. C. 3,226,649.
Kellogg, Harry L. 3,222,592.
Kelly, Frederick J., and McKee. 3,215,510.
Kendt, Norman L., and Dicken. 3,198,387.
Kennedy, Edwin C. 3,191,397.
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Malota, Ladislav. 3,171,908.
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Manfredi, Robert E., Koskos, and Ammenheuser. 3,200,-283.
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Mauro, Jack A. 3,206,603.
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McAvoy, Thomas, and Dillon. 3,181,230.
McCartney, Kenneth C. 3,183,317.
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Ney, Robert J. 3,175,118.
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Paley, James J. 3,202,862.
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Parkinson, Leland J. 3,207,966.
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Pietsch, Joseph A. 3,174,539.
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Quirk, Douglas W. 3,221,318.
Raley, Howard F. 3,186,107.
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Rhoades, John M. 3,176,282.
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Rosenberg, Jack. 3,164,909.
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Rowe, Raymond N. 3,180,924.
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Russell, Arthur P., and Grgetic. 3,226,175.
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Ryckman, William D., Jr. 3,213,328.
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Safford, Moyer M. 3,188,305.
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Salomone, Rynold A. 3,171,708.
Sand, Robert E., and Kamide. 3,172,996.
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Sanger, Richard B., and Frank. 3,177,730.
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Schilling, Edmund F. 3,164,671.
Schlereth, Fritz H. 3,177,422.
Schlesinger, Kurt. 3,223,871.
Schmidt, Kurt. 3,183,051.
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Schneider, Ralph R. 3,172,300.
Schoch, Karl F. 3,203,628.
Schoenborn, William E. 3,216,699.
Schoendube, Charles W. 3,187,232.
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Schultz, Warner W. 3,215,838.
Schumacher, Frank A., and King. 3,213,639.
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Sharon, Al U. 3,164,673.
Sharrow, Robert F., and Sparks. 3,164,888.
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Shelton, Winston L. 3,176,484.
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Shinn, Jeffrey N. 3,199,782.
Shipley, Eugene E. 3,224,262.
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Slonneger, John L. 3,192,346.
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Stover, Edward R. 3,187,502.
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Thompson, Paige W. 3,207,204.
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Thompson, Paige W., and Wightman. 3,165,816.
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General, Norman T., to Ford Motor Co. Variable speed transmission. 3,203,277, 8–31–65, Cl. 74—689.

General, Norman T., to Ford Motor Co. Variable speed friction drive transmission. 3,203,278, 8–31–65, Cl. 74—690.

General, Norman T., to Ford Motor Co. Variable speed torque transmitting means. 3,216,283, 11–9–65, Cl. 74—730.

General, Norman T., and R. P. Zundel, to Ford Motor Co. Fluid pressure governor mechanism. 3,184,978, 5–25–65, Cl. 73—523.

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Giberson, John W., to E. I. du Pont de Nemours and Co. Anionic polymerization of lactams with 2,2,4,4-tetramethyl-1,3-cyclobutane dione as promoter. 3,207,729, 9–21–65, Cl. 260—78.
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Gibson, Van R., Jr., and J. Kemeny, to General Electric Co. Push-button channel selector for a television receiver. 3,215,920, 11–2–65, Cl. 318—467.
Gibson, Walter J., to The Babcock & Wilcox Co. Tube follower and search tube mounting device. 3,182,490, 5–11–65, Cl. 73—67.8.
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Gieb, Philipp, to Siemens & Halske Aktiengesellschaft. Membrane-type strain gauge. 3,213,400, 10–19–65, Cl. 338—4.
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Giebhart, Anton, to Semperit Osterreichisch-Amerikanische Gummiwerke Aktiengesellschaft, Firma. Tire for vehicles with profiled tire shoulders. 3,176,748, 4–6–65, Cl. 152—209.
Gielkens, Johannes W., and J. H. C. A. Gregoire, to Stamicarbon N.V. Process for the preparation of metal salts of α-hydroxy-α-methyl mercapto butyric. 3,175,000, 3–23–65, Cl. 260—535.
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Gier, Thurman E., to E. I. du Pont Nemours and Co. Fibrous sodium metal silicates. 3,201,196, 8–17–65, Cl. 23—110.
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Giesen, Johann, and C. Berther, to Inventa A.G. fuer Forschung und Patentverwertung. Process for the manufacture of p-hydroxybenzoic acid. 3,187,037, 6–1–65, Cl. 260—521.
Gieskieng, Marion W. Railway wheel defect detector. 3,188,464, 6–8–65, Cl. 246—246.
Giesler, Jerry B., to Waldorf Paper Products Co. Unitizing trays. 3,195,719, 7–20–65, Cl. 206—47.
Giesler, Merle G., Sr. Vehicle trouble light. 3,175,079, 3–23–65, Cl. 240—8.18.
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Gifford, William E., to International Business Machines Corp. Cryogenic regenerator. 3,216,484, 11–9–65, Cl. 165—4.
Gifft, Thomas H., to North American Aviation, Inc. Phase locking control device. 3,176,208, 3–30–65, Cl. 318—314.
Gift, Harold C., and L. P. Procter, to Crompton & Knowles Corp. Process for producing level dyeings on polyamide fibers. 3,170,757, 2–23–65, Cl. 8—55.
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Wilson, Howard W. 3,211,470.
Giger, Adolf J., to Bell Telephone Laboratories, Inc. Transistor amplifier. 3,195,018, 7–13–65, Cl. 317—148.5.
Giger, Adolf J., to Bell Telephone Laboratories, Inc. Plural channel switching system with impedance of on gate and off gates forming a bandpass filter. 3,201,716, 8–17–65, Cl. 333—3.
Giger, Adolf J., to Bell Telephone Laboratories, Inc. High frequency channel switching unit employing electromechanical contact means. 3,202,941, 8–24–65, Cl. 333—7.
Giger, Adolf J., to Bell Telephone Laboratories, Inc. Voltage regulator employing a voltage divide having an intermediate point at a reference potential. 3,217,237, 11–9–65, Cl. 323—22.
Giger, Adolph J., to Bell Telephone Laboratories, Inc. Wide band current limiter. 3,196,359, 7–20–65, Cl. 328—168.
Giger Jakob, to Landis & Gyr, A.G. Thermal relay having movable heat transfer device. 3,204,064, 8–31–65, Cl. 200—122.
Gignoux, Dominique, to Cosmic, Inc. Oblique field electrostatic generator. 3,173,033, 3–9–65, Cl. 310—6.
Gigon, Jean, and G. Maye, to Commissarit a l'Energie Atomique. Device for measuring doses of thermal neutrons. 3,225,196, 12–21–65, Cl. 250—83.1.
Giguere, Paul T. Ice melter. 3,189,021, 6–15–65, Cl. 126—271.1.
Gijzenberg, Joost. Seed bed harrow. 3,186,495, 6–1–65, Cl. 172—102.
Gil, Artigas. Washing machine. 3,216,225, 11–9–65, Cl. 68—23.
Gilardi, Robert C.: *See*—
Fritzsching, Peter R., and Gilardi. 3,218,183.
Gilb, Howard E.: *See*—
Bissell, Richard M., and Gilb. 3,219,782.
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Moore, Lawrence A., and Gilbank. 3,183,826.
Gilbaugh, John W. Animal trap. 3,190,030, 6–22–65, Cl. 43—61.
Gilbert, A. C., Co., The: *See*—
Effinger, William L., Jr., and Struck. 3,222,816.
Effinger, William L., Jr., Struck, and Gross. 3,204,368.
Fitzpatrick, Homer J. 3,205,833.
Frisbie, Marshall H., and Fitzpatrick. 3,204,574.
Frisbie, Marshall H., and Kretzmer. 3,206,122.
Frisbie, Marshall H., and Scholefield. 3,223,386.
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Scholefield, William A., and Chandler. 3,206,168.
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Smith, Alexander E., III. 3,204,692.
Sockel, Paul J. 3,168,813.
Strohmeyer, Charles, Jr. 3,172,266.
Strohmeyer, Charles, Jr. 3,186,175.
Strohmeyer, Charles, Jr. 3,199,494.
Strohmeyer, Charles, Jr. 3,220,193.
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Mesh, Theodore J., and Robinson. 3,220,606.
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Thiem, Gerhard G. 3,182,677.
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Laver, Stanley V. 3,190,504.
Gilbert, Carl S. Phonograph record storage apparatus. 3,207,318, 9–21–65, Cl. 211—40.
Gilbert, Chalmers W., to Westinghouse Air Brake Co. Electrical control apparatus. 3,170,093, 2–16–65, Cl. 317—135.
Gilbert, Daniel. Combination hanger hook and display plastic bags. 3,190,605, 6–22–65, Cl. 248—359.
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Gilbert, Everett E., and A. W. Yodis, to Allied Chemical Corp. Stabilization of liquid sulfur trioxide. 3,188,176, 6–8–65, Cl. 23—174.
Gilbert, Everett E., and C. N. Yiannios, to Allied Chemical Corp. Chlorofluorophenoxyalkanols and esters thereof. 3,188,338, 6–8–65, Cl. 260—458.
Gilbert, Everett E., J. A. Otto, and J. J. Donleavy, to Allied Chemical Corp. Halo-substituted vinyl phosphate pesticides. 3,207,776, 9–21–65, Cl. 260—461.
Gilbert, Everett E., and C. N. Yiannios, to Allied Chemical Corp. Chlorofluorophenoxy herbicidal composition and method. 3,223,516, 12–14–65, Cl. 71—2.3.
Gilbert, Geoffrey, to Chavannes Industrial Synthetics, Inc. Method of making embossing apparatus. 3,205,112, 9–7–65, Cl. 156—252.
Gilbert, George W., to United States of America, Navy. Weapon transfer dolly latch mechanism. 3,170,582, 2–23–65, Cl. 214—394.
Gilbert, Gilbert C., and J. A. Willcox, to Beloit Corp. Tool for a machining device. 3,218,895, 11–23–65, Cl. 83—5.
Gilbert, Gordon L., to General Motors Corp. Refrigerating apparatus. 3,185,116, 5–25–65, Cl. 108—141.
Gilbert, Harold L. Supporting hanger for glass conduit. 3,204,900, 9–7–65, Cl. 248—56.
Gilbert, Herbert A. Smokeless non-tobacco cigarette. 3,200,819, 8–17–65, Cl. 128—208.
Gilbert, Jack J., to Howe Sound Co. Separating apparatus. 3,220,550, 11–30–65, Cl. 209—120.
Gilbert, James K. Animal traps. 3,174,250, 3–23–65, Cl. 43—61.
Gilbert, John F. Temperature-compensated carburetor choke control. 3,174,687, 3–23–65, Cl. 236—91.
Gilbert, Kendall E., to General Electric Co. High temperature gas turbine nozzle partition. 3,211,423, 10–12–65, Cl. 253—39.1.
Gilbert, Leon M. Display device. 3,205,594, 9–14–65, Cl. 35—53.

Gilbert, Lyman F., and J. R. McWhorter, to Bailey Meter Co. Ultra-violet radiation flame monitor. 3,185,846, 5–25–65, Cl. 250—83.6.
Gilbert, Lynford W., to Hughes Aircraft Co. Machine tool with feed rate control. 3,191,205, 6–29–65, Cl. 10—139.
Gilbert, Lynford W., and A. J. Budden, to Ex-Cello-O Corp. Shaft position transducer. 3,189,890, 6–15–65, Cl. 340—347.
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Schick, Henry W., and Peterson. 3,206,712.
Gilbert, Margaret A. Hand traveling case. 3,186,529, 6–1–65, Cl. 190—51.
Gilbert, Maurice S.: *See*—
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Gilbert, Nathan, to United States of America, Navy. Amalgam mixing vessel for primary battery system. 3,182,984, 5–11–65, Cl. 266—34.
Gilbert, Paul T., Jr., to Beckman Instruments, Inc. Method of operating a spectrochemical burner. 3,208,333, 9–28–65, Cl. 88—14.
Gilbert, Peter D., to Pirelli General Cable Works Ltd. Dispenser for thermosetting resin impregnated tape. 3,203,544, 8–31–65, Cl. 206—47.
Gilbert, Vernon J., to Link-Belt Co. Roll neck seal. 3,195,904, 7–20–65, Cl. 277—95.
Gilbert, Walter W., to E. I. du Pont de Nemours and Co. Sharp transition exchange inversion composition and a method of making it. 3,196,055, 7–20–65, Cl. 148—121.
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Case, Noel L. and Gilbert. 3,179,063.
Gilbert, William B., to Lifetime Door Co. Solid core door. 3,168,763, 2–9–65, Cl. 20—35.
Gilbert, William V. T. Gunstock with an arcuate arm engaging end portion. 3,209,481, 10–5–65, Cl. 42—71.
Gilbertson, John E. Lock means. 3,175,853, 3–30–65, Cl. 292—86.
Gilbertson, John E. Lawnmower device. 3,190,061, 6–22–65, Cl. 56—25.4.
Gilbreath, Benjamin F., to Texas Instruments Inc. Series motor control. 3,195,029, 7–13–65, Cl. 318—246.
Gilbride, Andrew J., and R. F. Gorini, to United Shoe Machinery Corp. Nail distributors. 3,207,362, 9–21–65, Cl. 221—93.
Gilchrist, Edgar S., to Consolidated Electrodynamics Corp. Intrinsic safety process control system. 3,197,780, 7–27–65, Cl. 346—32.
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Gilder, John A., and R. S. Cole, to Electronic Specialty Co. Clutch with load limiting device. 3,203,523, 8–31–65, Cl. 192—56.
Gile, Herman S., to United States of America, Atomic Energy Commission. Separation and recovery of uranium from uranium-aluminum alloys. 3,201,191, 8–17–65, Cl. 23—14.5.
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Giles, Aquila C., to Trans-Lux Corp. Data-reproducing appartaus for simultaneous display of separate and moving light images defining indicia derived from separate sources. 3,187,094, 6–1–65, Cl. 178—6.8.
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Giles, John E. Safety device for guns. 3,208,176, 9–28–65, Cl. 42—66.
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Giles, William H., to Nu Roll Corp. Splicing machines. 3,167,269, 1–26–65, Cl. 242—58.4.
Gilford, Saul R.: *See*—
Wood, Willis A., and Gilford. 3,224,321.
Giliberty, James V., to United States of America, Navy. Valve operating means. 3,207,111, 9–21–65, Cl. 114—121.
Gilinson, Philip J., Jr., to Massachusetts Institute of Technology. Supports for rotating or oscillating members. 3,184,271, 5–18–65, Cl. 308—10.
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Gilkey, John W., and R. H. Krahnke, to Dow Corning Corp. Bis-silyl ureas and copolymers thereof. 3,208,971, 9–28–65, Cl. 260—46.5.
Gilkey, John W., and R. H. Krahnke, to Dow Chemical Corp. Organosilicon cyclic urea derivatives and coatings thereof. 3,209,053, 9–28–65, Cl. 260—824.
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Gill, Edwin R., Jr., to K. W. Flocks. Wide angle high frequency reflecting device. 3,200,400, 8–10–65, Cl. 343—18.
Gill, Edwin R., Jr., to K. W. Flocks. Low angle spraying machine. 3,202,359, 8–24–65, Cl. 239—1.
Gill, Edwin R., Jr., to K. W. Flocks. Reflex light reflecting sheet. 3,215,039, 11–2–65, Cl. 88—78.
Gill, Edwin R., Jr. Marking of roadways. 3,215,051, 11–2–65, Cl. 94—1.5.
Gill, Harry A., to The Perkin-Elmer Corp. Chromatography column structure. 3,213,596, 10–26–65, Cl. 55—208.
Gill, Henry J., to Defco, Inc. Safety belt for automobiles. 3,214,218, 10–26–65, Cl. 297—388.
Gill, John B. Pipe pulling tool. 3,181,234, 5–4–65, Cl. 29—237.
Gill, John B. Adjustable pipe machining tool. 3,202,190, 8–24–65, Cl. 144—205.
Gill, John B. Pipe stabbing aid. 3,211,489, 10–12–65, Cl. 294—31.2.
Gill, John B. Device for displacing couplings having a plurality of chain sections and anchor members with a thrust member to move a pipe. 3,213,529, 10–26–65, Cl. 29—237.
Gill, John B. Internal pipe cutter. 3,216,295, 11–9–65, Cl. 82—82.
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Gill, Robert F., Jr., to Scully-Anthony Corp. Manufacture of seals. 3,220,105, 11–30–65, Cl. 29—470.
Gill, Vernon, to Sinclair Research, Inc. Fluid sampling. 3,218,868, 11–23–65, Cl. 73—422.
Gillam, Edward D. Display containers. 3,191,766, 6–29–65, Cl. 206—45.22.
Gillberg, Johannes. Method and apparatus for the manufacture of reinforcing bars. 3,186,206, 6–1–65, Cl. 72—194.
Gilleeny, James F., to Hoke Inc. Valve with means for preventing accidental disassembly. 3,222,027, 12–7–65, Cl. 251—264.
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Gillen, Adelbert M., to Gulton Industries, Inc. Ultrasonic flowmeter. 3,204,458, 9–7–65, Cl. 73—194.
Gillen, Donald D. Apparatus for resizing upholstery cushion casings. 3,199,838, 8–10–65, Cl. 254—60.
Gillen, Raymond F., to The Bendix Corp. Pressure detecting instrument. 3,194,076, 7–13–65, Cl. 73—397.
Giller, Arnold, to Chemische Werke Albert. Process for vulcanization of butyl rubber. 3,189,567, 6–15–65, Cl. 260—19.
Giller, Arnold A., to Chemische Werke Albert. Butyl rubber vulcanized with a bisphenol resin and a metal halide. 3,220,964, 11–30–65, Cl. 260—19.
Gillespie, Charles W., and R. L. Leonard, to General Motors Corp. Method of forming a heating unit. 3,196,525, 7–27–65, Cl. 29—155.65.
Gillespie, Charles W., and R. L. Leonard, to General Motors Corp. Electric heating unit and connector assembly therefor. 3,197,617, 7–27–65, Cl. 219—541.
Gillespie, Merle H., Jr. Pneumatic means for feeding cementitious materials. 3,171,693, 3–2–65, Cl. 302—49.
Gillespie, Merle H., Jr. Precast shell coping and method of construction for swimming pools. 3,200,548, 8–17–65, Cl. 52—300.
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Gillespie, Robert A., to Olin Mathieson Chemical Corp. Barrel lock and feed ramp device. 3,177,603, 4–13–65, Cl. 42—75.
Gillespie, Robert V. Seeding device. 3,189,230, 6–15–65, Cl. 222—193.
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Skeist, Irving, Martel, and Kuebler. 3,215,551.
Skeist, Irving, Martel, and Kuebler. 3,216,842.
Gillespie, Warren, Jr., to United States of America, National Aeronautics and Space Administration. Passive communication satellite. 3,220,004, 11–23–65, Cl. 343—18.
Gillett, William G., to Merit Products, Inc. Method of fabricating abrasive leaves. 3,212,219, 10–19–65, Cl. 51—337.
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Mizell, Louis R., Tewksbury, and Vitello. 3,213,860.
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Sinclair, Robert L. 3,187,889.
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Vitello, John P. 3,213,861.
Vitello, John P. 3,213,862.
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Gilliam, James P. Combination telescopic valve and union. 3,182,682, 5–11–65, Cl. 137—515.5.
Gilliam, Joe L. Fishing sinker. 3,203,133, 8–31–65, Cl. 43—44.9.
Gillian, J. R.: *See*—
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Gillie, Douglas H., and R. J. MacKay. Mold separating device. 3,193,915, 7–13–65, Cl. 29—239.
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Gillies, Duncan M., and C. F. Spencer, to Duncan M. Gillies Co., Inc. Apparatus for printing a series of indicia on an elongated work piece. 3,225,688, 12–28–65, Cl. 101—36.
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Gillis, Malcolm C., to Pan American Petroleum Corp. Apparatus for discharging liquids from wells. 3,203,351, 8–31–65, Cl. 103—46.
Gillis, Marvin B., and J. G. Gilchrist, Jr., to International Minerals & Chemicals Corp. Clarification of acidic phosphatic solutions. 3,186,793, 6–1–65, Cl. 23—165.
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Gillman, Harold K., to Unexcelled Chemical Corp. Apparatus for stacking and weighing sliced food products. 3,204,676, 9–7–65, Cl. 146—94.
Gillmore, Jack F., and W. E. Elder, to Parker-Hannifin Corp. High pressure valve assembly. 3,200,847, 8–17–65, Cl. 137—625.65.
Gillmore, Kenneth B., to The Boeing Co. Rescue system. 3,181,823, 5–4–65, Cl. 244—137.
Gillock, Jack W., G. H. Ledl, and G. M. Mucha, to The Ohio Crankshaft Co. Method of butt welding. 3,202,791, 8–24–65, Cl. 219—9.5.
Gillois, Jean, and H. W. Gehlen. Amphibious vehicle. 3,199,486, 8–10–65, Cl. 115—1.
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Tullis, Lyell C. 3,192,873.
Gilman, Louis. Shear construction having flexible, progressively cutting blades. 3,194,103, 7–13–65, Cl. 83—589.
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Gilman, Lucius G., and M. H. Gollis, to Monsanto Research Corp. Ether linked polyisocyanurate prepared from an organic diisocyanate and an organic monoisocyanate in presence of a cocatalyst system. 3,211,704, 10–12–65, Cl. 260—77.5.
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Kurlander, Robert A. 3,226,070.
Gilman, Robert J., to Radio Frequency Laboratories, Inc. Transmitter having an oscillator controlled by selectively switched capacitors. 3,225,348, 12–21–65, Cl. 340—351.
Gilman, Robert W., to Walt Disney Productions. Safety control system. 3,172,629, 3–9–65, Cl. 246—182.
Gilman, Samuel, and A. M. Harja, United Data Control, Inc. Tape drive mechanism. 3,174,671, 3–23–65, Cl. 226—183.
Gilman, Stanley F.: *See*—
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Gilman, Wayne C., and R. O. Kuehne, to W. R. Grace & Co. Tray. 3,184,047, 5–18–65, Cl. 206—45.34.
Gilmartin, Francis P. Die clicker conductive blocks. 3,167,990, 2–2–65, Cl. 83—658.
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Gilmont, Roger, to Roger Gilmont Instruments, Inc. Flowmeter. 3,183,713, 5–18–65, Cl. 73—209.
Gilmont, Roger, Instruments, Inc.: *See*—
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Gilmore, Harlan R., and E. C. Sundberg, to Kaiser Aluminum & Chemical Corp. Tire mold intermediate component. 3,172,790, 3–9–65, Cl. 148—32.5.
Gilmore, Merwin W., J. Bishop, and R. B. McVay, to Gilmore-Tatge Mfg. Co., Inc. Extensible drive shaft. 3,171,269, 3–2–65, Cl. 64—23.
Gilmore, Merwin W., J. W. Bishop, and R. B. McVay, to Gilmore-Tatge Mfg. Co., Inc. Combination insecticide applicator and feeder. 3,187,722, 6–8–65, Cl. 119—157.
Gilmore, Merwin W., J. W. Bishop, and R. B. McVay, to Gilmore Tatge Mfg. Co., Inc. Livestock feeding apparatus. 3,198,174, 8–3–65, Cl. 119—61.
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Collins, Joseph C., and Gilmore. 3,190,319.
Gilmore, William G.: *See*—
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Peterson, Vincent C. J., and Gilmore. 3,217,838.
Gilmore, William J., to American Chain & Cable Co., Inc. Directory holder device. 3,176,952, 4–6–65, Cl. 248—317.
Gilmore, William J., to American Chain & Cable Co., Inc. Control cable assembly. 3,205,654, 9–14–65, Cl. 60—26.1.
Gilmore, William J., to American Chain & Cable Co., Inc. Copper wrapped cable. 3,206,543, 9–14–65, Cl. 174—130.
Gilmore, William J., to American Chain & Cable Co., Inc. Push-pull cable with plastic lined casing. 3,214,995, 11–2–65, Cl. 74—501.
Gilmore, William J., and L. L. Mesler, to American Chain & Cable Co., Inc. Twisted cable assembly and method of making the assembly. 3,222,858, 12–14–65, Cl. 57—141.
Gilmour, Robert A. Sawhorse. 3,180,452, 4–27–65, Cl. 182—181.
Gilmour, Robert A. Spraying device having restricted orifice and expansion chamber construction. 3,191,869, 6–29–65, Cl. 239—318.
Gilmour, Robert A. Dual spray head having vent control means. 3,207,443, 9–21–65, Cl. 239—312.
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Gilovich, Paul A.: *See*—
Brunson, Raymond D., Gilovich, and Kingman. 3,199,112.
Gilovich, Paul A., to Varian Associates. Recorder pen means. 3,213,460, 10–19–65, Cl. 346—29.
Gilowitz, Benjamin, ½ to H. Litman. Rubber heel with circular adjustable rear section. 3,164,912, 1–12–65, Cl. 36—39.
Gilowitz, Benjamin, ½ to H. Litman. Rubber heel with circular adjustable rear section. 3,169,328, 2–16–65, Cl. 36—39.
Gilro Machine & Stamping Co.: *See*—
Robie, Charles F., and Stenson. 3,190,483.
Gilson, Hiram B., and H. I. Shrubsall, to Union Carbide Corp. Fusion welding process, apparatus and product. 3,180,970, 4–27–65, Cl. 219—137.
Gilson, James K., C. W. Higgins, W. O. Huff, and L. V. Stonebraker, to Western Electric Co., Inc. Autoclave for growing quartz crystals. 3,183,063, 5–11–65, Cl. 23—273.
Giltzow, James H. Music teaching device. 3,220,296, 11–30–65, Cl. 84—480.
Gilvar, Martin, and W. L. Alden, to Alden Self-Transit Systems Corp. Transportation systems. 3,225,704, 12–28–65, Cl. 104—121.
Gilwood, Martin E.: *See*—
Calmon, Calvin, Gilwood, and Termini. 3,223,619.
Gimber, George A.: *See*—
Bailey, Paul C., and Gimber. 3,213,409.
Ginard, John A. Electrical timing apparatus-combination unit flasher timer, repeater timer. 3,183,415, 5–11–65, Cl. 317—141.
Ginat, Jonathan, to Maurice Duchin Creations, Inc. Folding desks. 3,191,555, 6–29–65, Cl. 108—119.
Ginat, Jonathan, to Maurice Duchin Creations, Inc. Folding vanity tables. 3,207,101, 9–21–65, Cl. 108—159.
Ginaven, Marvin E.: *See*—
Shouvlin, Joseph C., and Ginaven. 3,215,355.
Ginaven, Marvin E., and A. H. Adams, to The Bauer Bros. Co. Pressurized press. 3,181,454, 5–4–65, Cl. 100—74.
Ginaven, Marvin E., to The Bauer Bros. Co. Pelletizer. 3,214,796, 11–2–65, Cl. 18—12.
Ginaven, Marvin E., to The Bauer Bros. Co. Cage bar. 3,218,964, 11–23–65, Cl. 100—129.

Ginaven, Marvin E., and J. L. Ostborg, to The Bauer Bros. Co. Disc type press. 3,218,963, 11–23–65, Cl. 100—121.
Ginder, Paul: *See*—
Burton, Jerry and Joseph, and Ginder. 3,195,079.
Gindes, Philip, and K. H. Imhof, to Lockheed Aircraft Corp. Load cell transducer. 3,199,057, 8–3–65, Cl. 338—5.
Gindler, Ezekiel M., and W. N. Maclay, to Koppers Co., Inc. Latex bases for interior paints. 3,193,517, 7–6–65, Cl. 260—29.7.
Gingher, Carl E. Clothes hanger. Re. 25,841, 8–17–65, Cl. 223—88.
Gingher, Carl E. Hanger structure. 3,166,198, 1–19–65, Cl. 211—123.
Gingher, Carl E. Wall rack. 3,220,363, 11–30–65, Cl. 108—144.
Gingher, Carl E., and C. E. Gingher, Jr., to Gingher Mfg. Co. Adjustable supporting surfaces. 3,179,073, 4–20–65, Cl. 108—153.
Gingher, Carl E., and C. E. Gingher, Jr., to Gingher Mfg. Co. Adjustable supporting surfaces. 3,203,374, 8–31–65, Cl. 108—144.
Gingher, Carl E., and C. E. Gingher, Jr., to Gingher Mfg. Co., Inc. Valet rack. 3,217,669, 11–16–65, Cl. 108—28.
Gingher, Carl E., Jr.: *See*—
Gingher, Carl E., and C. E. Gingher, Jr. 3,179,073.
Gingher, Carl E., and C. E. Gingher, Jr. 3,203,374.
Gingher, Carl E., and Carl E. Gingher, Jr. 3,217,669.
Gingher Mfg. Co.: *See*—
Gingher, Carl E., and C. E. Gingher, Jr. 3,179,073.
Gingher, Carl E., and C. E. Gingher, Jr. 3,203,374.
Gingher Mfg. Co., Inc.: *See*—
Gingher, Carl E., and Carl E. Gingher, Jr. 3,217,669.
Gingras, Marcel, to Dominion Corset Co., Ltd. Foundation garment of the panty girdle type. 3,170,466, 2–23–65, Cl. 128—528.
Gingras, Marcel, to Dominion Corset Co., Ltd. Brassiere with elastic support straps. 3,185,157, 5–25–65, Cl. 128—483.
Gingras, Marcel, to Dominion Corset Co., Ltd. Panty girdle. 3,185,160, 5–25–65, Cl. 128—528.
Gingras, Paul J., to United Aircraft Corp. Glass to ceramic to metal seal. 3,202,753, 8–24–65, Cl. 174—50.58.
Gingras, Robert F.: *See*—
Benoit, Roland A., Gingras, and Duprey. 3,182,808.
Gingras, William P., to Jonker Business Machines, Inc. Pivotable and indexable arm drill. 3,192,801, 7–6–65, Cl. 77—5.
Gingras, William P., to Jonker Business Machines, Inc. Reader for superimposable card system. 3,222,786, 12–14–65, Cl. 33—76.
Gingrich, Carl C., Jr.: *See*—
Fry, John J., and Gingrich. 3,192,141.
Gingrich, Kerry H.: *See*—
Sprecher, Carl A., Gingrich, and Pence. 3,196,870.
Ginies, Wolstan C., to Wolstan C. Ginies Enterprises Proprietary Ltd. Feeding apparatus for down hole drilling device. 3,185,225, 5–25–65, Cl. 175—94.
Ginies, Wolstan C., Enterprises Proprietary Ltd.: *See*—
Ginies, Wolstan C. 3,185,225.
Ginn, Delwin C., to The Linemaster Switch Corp. Crimping tool. 3,199,337, 8–10–65, Cl. 72—416.
Ginnell Corp.: *See*—
Boteler, Henry W. 3,206,530.
Ginos, James Z., I. M. Rose, and W. R. Christian, to Nopco Chemical Co. Process for production of alkyl phenols of improved color. 3,168,578, 2–2–65, Cl. 260—624.
Ginsburg, Abraham. Multiple face handbag. 3,182,701, 5–11–65, Cl. 150—28.
Ginsburg, Albert H.: *See*—
Fleigher, Charles W., and Delaney. 3,206,913.
Ginther, James H.: *See*—
Sweo, Benjamin J., and Ginther. 3,185,554.
Ginther, Robert J.: *See*—
Etzel, Howard W., Gandy, and Ginther. 3,208,009.
Gioia, Nicola J., to M. Belkin. Cellular carton. 3,198,381, 8–3–65, Cl. 220—115.
Giolitti, Nicolo: *See*—
Gassino, Teresio, and Giolitti. 3,171,594.
Giometti, Paul F., to The Bendix Corp. Overrunning clutch. 3,171,283, 3–2–65, Cl. 74—6.
Giometti, Paul F., to The Bendix Corp. One way clutch. 3,187,863, 6–8–65, Cl. 192—45.
Gionet, Edmond R.: *See*—
Wozena, Peter W., Belfry, Gionet, and Marshall. 3,211,492.
Gionet, Edmond R., to General Motors Corp. Counterbalancing hinge mechanism. 3,195,172, 7–20–65, Cl. 16—128.1.
Giordano, Ames F., to International Telephone and Telegraph Corp. High density data storage system. 3,195,113, 7–13–65, Cl. 340—173.
Giordano, Ames F., to International Telephone and Telegraph Corp. Stereoscopic projection apparatus. 3,200,702, 8–17–65, Cl. 88—24.
Giordano, Etienne. Apparatus for imposing a respiration cycle on a patient, and in particular to induce psychosomatic relaxation. 3,219,028, 11–23–65, Cl. 128—1.
Giordano, Julius. Electrically actuated sounding doll with illuminating means. 3,190,037, 6–22–65, Cl. 46—227.
Giordano, Michele. Muffler for internal combustion engines. 3,174,583, 3–23–65, Cl. 181—55.
Giordano, Nicola, G. Caporali, and N. Ferlazzo, to Edison. Catalytic process for the preparation of nitriles. 3,226,421, 12–28–65, Cl. 260—465.3.
Giordmaine, Joseph A., to Bell Telephone Laboratories, Inc. Light beam demodulator. 3,196,274, 7–20–65, Cl. 250—199.
Giorgetti, Alessandro: *See*—
Faraone, Giovanni, and Giorgetti. 3,169,956.
Giorgi, Anthony D.: *See*—
Kise, Mearl A., Hart, and Giorgi. 3,209,950.
Giossi, Louis J. Toy airplane with automatic pilot ejector. 3,177,612, 4–13–65, Cl. 46—81.
Giot, Maurice H. F., B. Jobart, C. R. Fevrot, and J. Meyer, to S.A.T.A.M. Societe Anonyme Pour Tous Appareillages Mecaniques, and Sud-Aviation, Societe Nationale de Constructions Aeronautiques. Metering and computing apparatus. 3,221.149, 11–30–65, Cl. 235—92.
Giot, Maurice H. F., B. Jobart, C. R. Fevrot, and J.-L. Giros, to S.A.T.A.M. Societe Anonyme Pour Tous Appareillages Mecaniques, and Sud-Aviation, Societe Nationale de Constructions Aeronautiques. Metering and computing apparatus. 3,225,178, 12–21–65, Cl. 235—92.
Giovagnoli, Paul S. Baseball pitching machine. 3,207,147, 9–21–65, Cl. 124—49.
Giovanelli, Alfred. Bowling ball release. 3,183,001, 5–11–65, Cl. 273—43.
Giovanniello, Nunzio, to B & K Tool, Die & Stamping Co., Inc. Flower stemming machine. 3,197,998, 8–3–65, Cl. 72—385.
Giovinazzo, Joe L., to Cambria Spring Co. Auxiliary spring for automotive vehicles. 3,168,300, 2–2–65, Cl. 267—48.
Giovinazzo, Joe L., to Cambria Spring Co. Adjustable overload bracket for vehicles. 3,173,668, 3–16–65, Cl. 267—45.
Gipperth, Marie A. Necktie form device. 3,191,822, 6–29–65, Cl. 223—82.
Gipstein, Edward, and C. O. Miller, to Olin Mathieson Chemical Corp. Preparation of alkyldichloroboranes. 3,169,145, 2–9–65, Cl. 260—543.
Giraitis, Albert P., to Ethyl Corp. Preparation of organolead compounds. 3,177,130, 4–6–65, Cl. 204—59.
Giraldi, Pier N., and G. Nannini, to C. Erba. S.p.A. Prednisolone-21-double esters. 3,171,846, 3–2–65, Cl. 260—397.45.
Girard, André J., to Office National d'Etudes et de Recherches Aero-spatia. High-intensity spectrometer of great selectivity. 3,211,048, 10–12–65, Cl. 88—14.
Girard, Christian F., and A. Rose, to Canadian International Paper Co. Internal strengthening of insulating board with cereal flour. 3,197,360, 7–27–65, Cl. 162—175.
Girard, Donald A. Tube clamps. 3,180,598, 4–27–65, Cl. 248—68.
Girard, Donald A. Tube clamps for multiple tube layers. 3,216,683, 11–9–65, Cl. 248—68.
Girard, Harry J.: *See*—
Knapp, Mary M. 3,204,274.
Girard, Jean P.: *See*—
Bejat, Jean N., Durand, Girard, Savelli, Chappey, Tsoucaris, Soula, and Delmas. 3,176,153.
Girard, Larry J.: *See*—
Erickson, Roger D., Girard, and Drury. 3,192,921.
Girard, Larry J., and N. L. Stauffer, to Honeywell Inc. Electronic object detector. 3,167,739, 1–26–65, Cl. 340—38.
Girard, Peter F., to The Ryan Aeronautical Co. Rotor flap high lift system. 3,203,649, 8–31–65, Cl. 244—42.
Girard, Peter F., to The Ryan Aeronautical Co. Flexible wing with integrated tail unit. 3,223,361, 12–14–65, Cl. 244—75.
Girard, Pierre, to Commissariat a l'Energie Atomique. Reel type control rod brake. 3,164,526, 1–5–65, Cl. 176—36.
Girard, Raymond G. Method and apparatus for preventing cannibalism in the rearing of tropical fish. 3,216,395, 11–9–65, Cl. 119—5.
Girard, Rene F. V.: *See*—
Auboin, Albert M., and Girard. 3,180,667.
Girard, Roland T., to General Electric Co. Method for making thermistors and article. 3,219,480, 11–23–65, Cl. 117—201.
Girard, Theodore A.: *See*—
Scullin, James P., and Girard. 3,202,622.
Girard, Theodore A., to Tenneco Chemicals, Inc. Surface-coating compositions containing halobenzyl thiocyanates. 3,223,536, 12–14–65, Cl. 106—18.
Girardello, Ettore. Ladder platforms. 3,182,749, 5–11–65, Cl. 182—120.
Giraud, André, and R. Reynard, to Institut Francais du Petrole, des Carburants et Lubrifiants. Submarine conveyance of fluids through a flexible pipe line. 3,216,203, 11–9–65, Cl. 61—72.3.
Girault, Pierre: *See*—
Allais, André, and Girault. 3,174,972.
Girden, Barney B. Breathing apparatus for swimmers. 3,166,083, 1–19–65, Cl. 137—63.
Girden, Barney B. Swimmer's safety buoy and float. 3,183,530, 5–18–65, Cl. 9—311.
Gire, Etienne Y. J. M., and A. L. Meunier, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Fluid distribution device especially applicable to control by jet of V.T.O.L. aircraft. 3,190,584, 6–22–65, Cl. 244—52.
Girgis, Magdy F.: *See*—
Butters, William J., and Girgis. 3,224,806.

Girling Ltd.: *See*—
Avner, David A. 3,165,176.
Avner, David A. 3,211,444.
Boadle, Campbell D., and Clamp. 3,204,711.
Bond, David W. 3,203,507.
Davis, John W., and Wells. 3,221,844.
Eaton, Maurice B. 3,188,148.
Fieldsend, Peter C. 3,165,177.
Fieldsend, Peter C. 3,178,961.
Fineman, Harold. 3,181,376.
Hall, Kenneth J. 3,194,347.
Harrison, Anthony W. 3,186,517.
Harrison, Anthony W. 3,211,263.
Lawson, Thomas G. 3,211,500.
Newton, William R. 3,199,639.
Parton, Clifford J. 3,171,516.
Powell, George B. 3,204,728.
Redmayne, Leonard. 3,191,722.
Reynolds, Desmond H. J. 3,191,504.
Reynolds, Desmond H. J. 3,203,579.
Riddy, Frederick T. 3,181,388.
Rigby, Edwin D. S. 3,173,516.
Sadler, Francis A. D. 3,165,175.
Thompson, George E. 3,199,640.
Thompson, George E. 3,224,531.
Weston, Barry J. 3,212,608.
Wilkins, Douglas B. 3,222,048.
Wilson, Alexander J., and Thompson. 3,204,727.
Yardley, Alfred. 3,194,357.
Yardley, Alfred. 3,216,194.

Girodano, Roger F., ½ to Promecam Sisson-Lehmann, Societe Anonyme. Die arrangement for a press. 3,209,576, 10–5–65, Cl. 72—389.

Girodin, Marius G. H. Valve actuating mechanism for barrel-type engines. 3,169,514, 2–16–65, Cl. 123—58.

Girodin, Marius G. H. Lubricating arrangement for motion converting devices. 3,171,509, 3–2–65, Cl. 184—6.

Girodin, Marius G. H. Wobbler mechanism. 3,180,159, 4–27–65, Cl. 74—60.

Giros, Jean-Loup: *See*—
Giot, Maurice H., Jobart, Fevrot, and Giros. 3,225,178.

Girouard, Philias H.: *See*—
Stanton, Arthur J., and Girouard. 3,177,772.

Girouard, Philias H., C. V. Hickman, deceased (by J. W. Hickman, administratrix), G. A. Kane, J. I. Nelson, M. C. Neuman, H. Randolph, and T. C. Collier, to United States of America, Navy. Gun mount with ammunition supplying means. 3,218,930, 11–23–65, Cl. 89—45.

Giroud, Henry A., and B. McKim, to Bell Telephone Laboratories, Inc: Conference arrangements. 3,170,042, 2–16–65, Cl. 179—27.

Giroux, Paul H., to International Business Machines Corp. Apparatus for processing data including an instruction and multiplicand-divisor register employed on a time shared basis. 3,167,646, 1–26–65, Cl. 235—165.

Giroux, Pierre R., 10% to O. Veillette. Pliers with rack and toothed lever means coming into meshing engagement when the jaws contact a workpiece. 3,224,303, 12–21–65, Cl. 81—343.

Girrincione, Vincent W., to Andex Corp. Filter and retaining device. 3,225,680, 12–28–65, Cl. 99—312.

Girz, Alexander, to Schreyer & Co. Electric single-track vehicular toy. 3,198,136, 8–3–65, Cl. 104—148.

Gish, Lyman C., and W. H. Finckel, Jr., to Packaging Corp. of America. Carrier carton. 3,198,380, 8–3–65, Cl. 220—115.

Gisholt Machine Co.: *See*—
Greiner, Richard A. 3,177,372.
Greiner, Richard A. 3,184,976.
Greiner, Richard A. 3,185,819.

Gisiger, Ernst: *See*—
Kesselring, Fritz, Gisiger, and Seguin. 3,215,797.

Gisiger, Kurt, to F. Fahrni. Method and apparatus for coating loose particles with a sprayable bonding substance. 3,198,655, 8–3–65, Cl. 117—100.

Gisser, Henry: *See*—
Snead, Jonathan L., and Gisser. 3,189,644.

Gith, Walter: *See*—
Raasch, Hans, and Gith. 3,220,758.

Githens, John A., to Bell Telephone Laboratories, Inc. Data conversion system. 3,177,472, 4–6–65, Cl. 340—172.5.

Gitlin, Edward E.: *See*—
Bouchard, Robert J., and Gitlin. 3,216,698.

Gitlin, Neukh N., and S. N. Lisovsky. Device for modifying spark ignition in carburetor engines into torch ignition. 3,213,839, 10–26–65, Cl. 123—143.

Gits Bros. Mfg. Co.: *See*—
Andresen, Raymond H. 3,179,425.
Andresen, Raymond H. 3,191,945.
Wahl, Edward C., Schulz, and Andresen. 3,190,661.

Gits, John R.: *See*—
Gits, Jules P. 3,181,321.

Gits, Jules C. Molded articles and methods of making same. 3,197,165, 7–27–65, Cl. 248—187.

Gits, Jules P., to J. R. Gits. Key holders. 3,181,321, 5–4–65, Cl. 70—456.

Gittleman, Herman M.: *See*—
Greenfield, Anthony F. 3,166,374.

Gittler, Allan, and R. Gross, to Film Instruments & Accessories, Inc. Reel for motion picture film and the like. 3,173,536, 3–16–65, Cl. 206—52.

Gittler, Jean F. F.: *See*—
Broux, Joseph A., and Gittler. 3,187,101.

Gittos, Maurice W.: *See*—
Wiggins, Leslie F., Temple, and Gittos. 3,175,945.

Gittus, John H.: *See*—
Cook, Reginald M., and Gittus. 3,166,411.

Gitzendanner, Louis G., to General Electric Co. Heavy dynamoelectric machine having nylon bearings. 3,191,079, 6–22–65, Cl. 310—55.

Gitzinger, Peter, F. Bayer, and R. Koppatz, to Vereinigte Aluminium-Werke Aktiengesellschaft. Process and apparatus for centering and anchoring a smaller-diameter article in a larger-diameter bore. 3,185,749, 5–25–65, Cl. 264—262.

Giudicelli, Don P. R. L., to Les Laboratories Dausse. Method of producing sympathomimetic activity by isopropyl-2′-phenoxymethyl - 2 - imidazoline. 3,198,703, 8–3–65, Cl. 167—65.

Giuffrida, Joseph, to Columbia Broadcasting System, Inc., d.b.a. CBS-Hytron, a Division of Columbia Broadcasting System. Compensator for earth's magnetic field by color dot displacement. 3,179,836, 4–20–65, Cl. 313—92.

Giuffrida, Joseph, to Columbia Broadcasting System, Inc., d.b.a. CBS-Hytron, a Division of Columbia Broadcasting System, Inc. Method for making color television picture tubes. 3,222,172, 12–7–65, Cl. 96—35.

Giuffrida, Philip, to Electronics Corp. of America. Combustion supervision system with quantum detector. 3,205,359, 9–7–65, Cl. 250—83.6.

Giuffrida, Philip, to Electronics Corp. of America. Signalling apparatus incorporating a differential relay. 3,222,-662, 12–7–65, Cl. 340—237.

Giuffrida, Philip, D. L. Graves, and E. C. Thomson, to Electronics Corp. of America. Checking system for condition responsive apparatus. 3,190,341, 6–22–65, Cl. 158—28.

Giuffrida, Philip, and D. L. Graves, to Electronics Corp. of America. Checking apparatus for condition responsive system. 3,208,060, 9–21–65, Cl. 340—214.

Giuffrida, Philip, and J. Pratt, to Electronics Corp. of America. Manufacture of electronic components. 3,222,492, 12–7–65, Cl. 219—50.

Giuiuzza, Pietro, and A. Schoen, to O.M.C.S.A. Officine Meccaniche Cigardi S.p.A. Circular knitting machine for the manufacture of stockings. 3,221,516, 12–7–65, Cl. 66—8.

Giuliano, Anthony P. Hollow block walls for buildings and construction blocks for making such walls. 3,187,465, 6–8–65, Cl. 50—127.

Giulie, Joe D., and R. A. Wood, to Illumitronic Systems Corp. Label inspection machine. 3,203,547, 8–31–65, Cl. 209—111.7.

Giumen, Anstalt: *See*—
Moser, Friedrich. 3,225,405.

Giurlando, Angelo C., and H. H. Yousoufian, to Worthington Corp. Induction unit for air conditioning systems. 3,186,-327, 6–1–65, Cl. 98—38.

Giuseffi, Jerome, to The Palm Beach Co. Coat shoulder pressing device. 3,224,654, 12–21–65, Cl. 223—57.

Giuseppe, Fronza. Kitchen pot having heat concentrating and insulating thermal bell. 3,209,746, 10–5–65, Cl. 126—381.

Givaudan Corp., The: *See*—
Gump, William S., and Walter. 3,167,477.
Kitchens, Garry C., and Wood. 3,197,500.
Naves, Yves R., and Tullen. 3,166,575.

Giwosky, Harry L., to Realist, Inc. Dual slide projector with a single magazine. 3,194,115, 7–13–65, Cl. 88—28.

Glab, William T., to Caradco Inc. Lignocellulose method and product. 3,173,798, 3–16–65, Cl. 106—163.

Glab, William T., to Caradco Inc. Lignocellulose method and reaction product. 3,208,864, 9–28–65, Cl. 106—163.

Glaberson, Louis, and D. L. Decker, to General Electric Co. Thermal cycling switch mechanism having bake and broil positions. 3,214,539, 10–26–65, Cl. 200—140.

Glaberson, Martin, and L. K. Kuhnl, to Eversharp, Inc. Article display device. 3,221,893, 12–7–65, Cl. 211—59.

Glabisch, Dietrich: *See*—
Ballauf, Albert, Blank, Glabisch, and Wandel. 3,168,-546.

Glabisch, Dietrich, M. Wandel, and J. Witte, to Farbenfabriken Bayer Aktiengesellschaft. Sulfuric acid semi-ester quaternary ammonium compounds. 3,225,073, 12–21–65, Cl. 260—401.

Glabiszewski, Richard, to Otto Bock Orthopadische Industrie KG. Positive grip prosthetic hand having automatic locking means. 3,173,151, 3–16–65, Cl. 3—12.7.

Glaces de Boussois, S.A.: *See*—
Long, Bernard. 3,174,839.
Long, Bernard. 3,174,840.

Glacier Metal Co. Ltd., The: *See*—
Hill, Alfred. 3,197,264.
Hill, Alfred. 3,201,184.
Pratt, George C. 3,177,274.
Pratt, George C. 3,218,255.

Gladding, Edward K., and D. C. Remy, to E. I. du Pont de Nemours and Co. Fluorinated amidineazines. 3,175,002, 3–23–65, Cl. 260—564.

Gladding, Edward K., and D. N. Robinson, to E. I. du Pont de Nemours and Co. Adhesive for process of bonding α-olefin hydrocarbon polymers. 3,179,554, 4–20–65, Cl. 161—216.

Gladding, Edward K., and J. L. Nyce, to E. I. du Pont de Nemours and Co. Elastomeric blends of an ethylene/1,4-hexadiene copolymer and a diene rubber. 3,224,985, 12–21–65, Cl. 260—5.

Gladieux, James M.: *See*—
Gladieux, Ralph E. 3,207,675.
Gladieux, Norman K.: *See*—
O'Connell, Thomas B., Snow, and Gladieux. 3,199,966.
Gladieux, Ralph E., ½ to J. M. Gladieux. Apparatus for recovering waste gases in a refinery. 3,207,675, 9–21–65, Cl. 196—98.
Gladrow, Elroy M.: *See*—
Kimberlin, Charles N., Jr., and Gladrow. 3,201,355.
Thompson, Charles E., and Gladrow. 3,212,930.
Gladrow, Elroy M., and C. E. Thompson, to Esso Research and Engineering Co. Method of impregnating porous electrode with catalyst. 3,198,667, 8–3–65, Cl. 136—122.
Gladrow, Elroy M., and R. J. De Feo, to Esso Research and Engineering Co. Silica-alumina-gallium oxide catalyst and method of preparation thereof. 3,198,749, 8–3–65, Cl. 252—453.
Gladsden, David and L. Combination outdoor lamp-post and utility outlet. 3,215,831, 11–2–65, Cl. 240—84.
Gladsden, Lester: *See*—
Gladsden, David and L. 3,215,831.
Gladstone, Lewis. Turntable with magnetic hysteresis drive. 3,223,865, 12–14–65, Cl. 310—103.
Gladstone, Matthew T., to Norton Co. Epoxy resin coated abrasive. 3,195,993, 7–20–65, Cl. 51—298.
Gladwin Plastics, Inc.: *See*—
Triplett, George C. 3,170,206.
Triplett, George C. 3,193,625.
Glaeser, Elmer J.: *See*—
Millson, Henry E., Glaeser, and Dammicci. 3,179,483.
Glaesser, Alfredo: *See*—
Coda, Severina, Colo, Glaesser, and Pasini. 3,201,459.
Glaisher, Edward J., to North American Philips Co., Inc. Time-base circuit for magnetic beam deflection. Re. 25,772, 5–4–65, Cl. 315—27.
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Globus, Alfred R., to Consolidated Astronautics Inc. Titanium powder metallurgy. 3,167,428, 1–26–65, Cl. 75—204.
Globus, Alfred R., to Consolidated Astronautics Inc. Coating metal surfaces with refractory metals. 3,211,572, 10–12–65, Cl. 117—50.
Globus, Alfred R., to United International Research, Inc. Process for the production of chrome concentrates. 3,219,434, 11–23–65, Cl. 75—1.

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Glover, George E., to Crane Co. Process for the recovery of a ferric fluoride complex and/or a beryllium compound. 3,194,630, 7–13–65, Cl. 23—88.
Glover, George G., to United States of America, Army. Multiple conductor cable tester having rotatable annular switch means for testing insulation resistance, cross wiring and continuity. 3,217,244, 11–9–65, Cl. 324—51.
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Gnuse, Harmon T., to Radio Corp. of America. Control circuit for ferroelectric gate. 3,215,990, 11–2–65, Cl. 340—173.2.
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Goda, Kermit J., Jr., and J. J. Gross, to The Carpenter Steel Co. Free machining alloy. 3,192,040, 6–29–65, Cl. 75—128.
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Goetz, Alfred K. Book carrier. 3,191,830, 6–29–65, Cl. 224—45.
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Goetz, Carlos C.: *See*—
Fernandez, Manuel C. 3,225,350.
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Goetz, Carlos C. and P. C. Method of making cetyl alcohol emulsions. 3,226,295, 12–28–65, Cl. 167—63.
Goetz, Daniel A., to Gateway Building Products Co. Register for delivery of air. 3,190,209, 6–22–65, Cl. 98—106.
Goetz, Frank M., to Bell Telephone Laboratories, Inc. Logic detector circuit. 3,184,723, 5–18–65, Cl. 340—174.1.
Goetz-Gabor, Charles: *See*—
Low, Kenneth B., Jr., and Goetz-Gabor. 3,180,201.
Goetz, George J., to Te Industries, Inc. Wire stripper. 3,221,576, 12–7–65, Cl. 81—9.5.
Goetz, George R., to H. C. Duke & Son, Inc. Apparatus for sensing the change of viscosity of a liquid. 3,180,104, 4–27–65, Cl. 62—136.
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Goetz, Heinz E., to Packard-Bell Electronics Corp. Noise suppressor system. 3,183,414, 5–11–65, Cl. 317—138.
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Goetz, Lawrence R.: *See*—
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Goetz, Raymond J., and A. J. Cummings, to United States of America, Air Force. Spool mounting of delay line on liquid helium cryostat. 3,192,733, 7–6–65, Cl. 62—45.
Goetz, Richard W.: *See*—
Cass, Ralph S., and Goetz. 3,181,368.
Goetze, Gerhard W., and A. H. Boerio, to Westinghouse Electric Corp. Tube with highly porous target. 3,213,316, 10–19–65, Cl. 315—12.
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Goff, Edward C., to Ponam Ltd., Inc. Thread gauge. 3,216,124, 11–9–65, Cl. 33—199.
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Goffe, William L.: *See*—
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Goffe, William L., to Xerox Corp. Xerographic method. 3,185,051, 5–25–65, Cl. 95—1.7.
Goffe, William L., and L. Corrsin, to Xerox Corp. Electrophotographic process for formation of deformation images in deformable interference films. 3,196,010, 7–20–65, Cl. 96—1.
Goffin, Jules, and S. Soroca. Apparatus for injection molding. 3,195,185, 7–20–65, Cl. 18—30.
Goffinet, Bernard, and G. Amiard, to Roussel-UCLAF. Diamino caproic acid derivatives and process of making same. 3,185,729, 5–25–65, Cl. 260—534.
Goffredo, Daniel L. Etching printing plates. 3,193,423, 7–6–65, Cl. 156—14.
Goffredo, Daniel L. Plastic printing plate method and product. 3,217,641, 11–16–65, Cl. 101—395.
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Gogarty, William B., and C. W. Gullikson, to Marathon Oil Co. Method for controlling interface in pipeline fluid transport. 3,209,771, 10–5–65, Cl. 137—1.
Gogarty, William B., and G. I. Nielson, to Marathon Oil Co. Batching pig and separation of interfaces in pipe line flow. 3,225,787, 12–28–65, Cl. 137—561.
Gogek, Charles J., to Colgate-Palmolive Co. Compositions for and processes of removing stains. 3,207,694, 9–21–65, Cl. 252—105.
Gogel, Sidney. Combination cap and coupler. 3,169,562, 2–16–65, Cl. 141—384.
Goggi, Charles P., to Goggi Corp. Apparatus and method for introducing engine drainage into the fuel system. 3,170,449, 2–23–65, Cl. 123—136.
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Goguen, Donald J., and J. J. Coleman, to C. L. Berger & Sons, Inc. Shaft alignment apparatus. 3,192,631, 7–6–65, Cl. 33—46.
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Gohr, William J., to Yale & Towne, Inc. Method of installing door to closer shaft. 3,210,839, 10–12–65, Cl. 29—446.
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Goike, Thomas M., to Consolidated Electrodynamics Corp. Servo-system for fluid flow regulating valves. 3,225,785, 12–28–65, Cl. 137—486.
Going, Louis H., to The Procter & Gamble Co. Edible oil blends. 3,186,854, 6–1–65, Cl. 99—163.
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Goins, Robert R., to Phillips Petroleum Co. Transport of fine solids. 3,195,958, 7–20–65, Cl. 302—17.
Goins, Robert R., to Phillips Petroleum Co. Blending apparatus. 3,216,629, 11–9–65, Cl. 222—459.
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Golay, Marcel J. E., to Philco Corp. Signal processing system. 3,215,981, 11–2–65, Cl. 340—146.3.
Golay, Marcel J. E., to The Perkin-Elmer Corp. Recirculation chromatography. 3,220,164, 11–30–65, Cl. 55—67.
Golbeck, Bernard J., to Oak Mfg. Co. Arc resistant switch. 3,174,000, 3–16–65, Cl. 200—11.
Golbeck, Bernard J., to Oak Mfg. Co. Spring detent and terminal structure in a slide switch. 3,174,002, 3–16–65, Cl. 200—16.
Golbeck, Bernard J., to Oak Mfg. Co. Illuminated push button switch using springs as conductive elements. 3,183,333, 5–11–65, Cl. 200—159.
Golber, Leonard M. Food spoilage indicator. 3,206,317, 9–14–65, Cl. 99—192.
Golby, Frank P., to Sklenar Furnaces Ltd. Reverberatory furnaces. 3,215,422, 11–2–65, Cl. 266—34.
Gold, Allan R., and G. M. Baumann, to Ziff-Davis Publishing Co. Spray mechanism control system. 3,197,142, 7–27–65, Cl. 239—215.
Gold, Bert J. Illuminated sign. 3,221,432, 12–7–65, Cl. 40—130.
Gold, Charles M., to Yardney International Corp. Zener-diode-controlled battery charger. 3,205,422, 9–7–65, Cl. 320—39.
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Gold, Nathan, S. Kagan, and H. J. Watters, to Polaroid Corp. Electronic flash-photography. 3,185,056, 5–25–65, Cl. 95—11.5.
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Land, Edwin H., Gold, Mason, and Sable. 3,165,046.
Gold, Nicholas, F. W. Knight, and A. J. Sable, to Polaroid Corp. Photographic products. 3,165,408, 1–12–65, Cl. 96—76.
Gold, Richard L., to Guardian Mining Props Ltd. Telescopic pit prop. 3,220,686, 11–30–65, Cl. 248—354.
Gold, Robert L., to Wagner Electric Corp. Automatic adjustor. 3,169,610, 2–16–65, Cl. 188—79.5.
Gold, Robert L., to Wagner Electric Corp. Retarder valve and system. 3,183,040, 5–11–65, Cl. 303—6.
Gold, Robert M., to Keuffel & Esser Co. Plastic film thermography. 3,206,599, 9–14–65, Cl. 250—65.
Gold, Robert M., to Keuffel & Esser Co. Image-formation on electrophotographic material. 3,206,600, 9–14–65, Cl. 250—65.
Gold, Robert M., to Keuffel & Esser Co. Plastic film thermography. 3,206,601, 9–14–65, Cl. 250—65.
Gold, Samuel, ½ to Aro G. Gabriel. Toy pistol motion-picture projector. 3,199,405, 8–10–65, Cl. 88—28.
Goldammer, Freeland R., to International Business Machines Corp. Binary data transmitting apparatus. 3,216,008, 11–2–65, Cl. 340—365.
Goldbaum, Robert H. Reinforced heel. 3,225,464, 12–28–65, Cl. 36—34.
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Goldberg, Abraham A., and A. Kaiser, to Columbia Broadcasting System, Inc. Remote control apparatus. 3,164,762, 1–5–65, Cl. 318—460.

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Fertig, Joseph, Goldberg, and Skoultchi. 3,190,861.
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Goldberg, Albert I., to National Starch and Chemical Corp. Synthetic fiber coated with water-soluble polyhydroxyalkyl acrylates. 3,216,852, 11–9–65, Cl. 117—138.8.

Goldberg, Albert I., J. Fertig, and M. Skoultchi, to National Starch and Chemical Corp. Polymers of ethylenically unsaturated derivatives of ortho-hydroxy aromatics. 3,180,-851, 4–27–65, Cl. 260—47.

Goldberg, Albert I., M. Skoultchi, and J. Fertig, to National Starch and Chemical Corp. Ethylenically unsaturated derivatives of orthohydroxy aromatic acids. 3,167,583, 1–26–65, Cl. 260—473.

Goldberg, Albert I., M. Skoultchi, and J. Fertig, to National Starch and Chemical Corp. Monomeric derivatives of 2,4-dihydroxybenzophenone. 3,202,716, 8–24–65, Cl. 260—591.

Goldberg, Albert I., and V. Jasinski, to National Starch and Chemical Corp. Beta hydroxyalkyl acralate/vinyl alcohol copolymers. 3,203,918, 8–31–65, Cl. 260—29.6.

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Goldberg, Eugene P., to General Electric Co. Carbonate-carboxylate copolyesters of dihydric phenols and difunctional carboxylic acids. 3,169,121, 2–9–65, Cl. 260—47.

Goldberg, Eugene P., to General Electric Co. Carbonate-polyester copolymer resinous compositions. 3,207,814, 9–21–65, Cl. 260—860.

Goldberg, Eugene P., to General Electric Co. Cross-linked polycarbonate resinous compositions. 3,220,973, 11–30–65, Cl. 260—47.

Goldberg, Eugene P., to General Electric Co. Process for the preparation of copolyesters comprising reacting a bishaloformate of a dihydroxy compound with a difunctional carboxylic acid in a solution containing tertiary amine. 3,220,976, 11–30–65, Cl. 260—47.

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Lu Valle, James E., Goldberg, and Pack. 3,219,448.
Lu Valle, James E., Goldberg, and Pack. 3,219,451.
Lu Valle, James E., Goldberg, and Theodorou. 3,219,445.

Goldberg, Gershon M., to Technical Operations, Inc. Photographic media including a photosensitive binder-free silver halide layer and method for producing same. 3,219,450, 11–23–65, Cl. 96—67.

Goldberg, Harold, to Litton Systems, Inc. Continuous wave frequency modulation distance measuring apparatus. 3,214,756, 10–26–65, Cl. 343—14.

Goldberg, Ira, to East Coast Auto Specialties Co. Resilient covered bumper guard. 3,226,145, 12–28–65, Cl. 293—65.

Goldberg, Jacob, to Edgerton, Germeshausen & Grier, Inc. Electron stream deflection apparatus. 3,185,880, 5–25–65, Cl. 313—78.

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Goldberg, Leon J., to General Electric Co. Electrical circuit interrupter having exterior positioned actuating means. 3,165,610, 1–12–65, Cl. 200—150.

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Goldberg, Max. Reversible single-phasemotor. 3,183,424, 5–11–65, Cl. 318—207.

Goldberg, Moise L., and P. Samely. Window washing and cleaning apparatus. 3,178,750, 4–20–65, Cl. 15—250.11.

Goldberg, Moses W., and S. Teitel, to Hoffman-La Roche Inc. Terephthalamides and intermediates useful in preparing same. 3,193,579, 7–6–65, Cl. 260—559.

Goldberg, Moses W., M. Muller, and H. H. Lehr, to Hoffmann-La Roche Inc. Derivatives of 1,2,4-benzothiadiazine-7-sulfonamide-1,1-dioxide. 3,200,117, 8–10–65, Cl. 260—243.

Goldberg, Moses W., and H. H. Lehr, to Hoffmann-La Roche Inc. Substituted mercapto-acetamides. 3,182,081, 5–4–65, Cl. 260—535.

Goldberg, Moses W., and S. Teitel, to Hoffmann-La Roche Inc. Penicillin derivatives. 3,177,203, 4–6–65, Cl. 260—239.1.

Goldberg, Nat D. Conveyor guide rail. 3,193,077, 7–6–65, Cl. 198—28.

Goldberg, Nathan C. Bed frame having headboard bracket and leg supporting bracket. 3,188,664, 6–15–65, Cl. 5—282.

Goldberg, Seymour, to Edgerton, Germeshausen & Grier, Inc. Optical maser pumping system. 3,164,781, 1–5–65, Cl. 331—94.5.

Goldberg, Willi, and A. Brohl, to Ernst Leitz, Gesellschaft mit beschrankter Haftung. Motion picture camera. 3,170,-159, 2–16–65, Cl. 352—171.

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Golde, Hans. Sliding window arrangement. 3,209,412, 10–5–65, Cl. 20—52.

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Golden, Charles E., W. H. Caines, J. C. Cates, Jr., J. C. Meyers, Jr., and E. R. Ketchum, to The Dow Chemical Co. Mercury cathode electrolytic cell. 3,174,923, 3–23–65, Cl. 204—220.

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Golden, Harold W., and H. J. Edenhofer, to United Aircraft Corp. Synchro read-out circuit. 3,211,993, 10–12–65, Cl. 323—122.

Golden, Harry, to Ideas for Auto & Bike Specialties, Inc. Handle bar joint casing. 3,204,481, 9–7–65, Cl. 74—551.1.

Golden, Harry, to Ideas For Auto & Bike Specialties, Inc. Velocipede handle bar accessory. 3,205,729, 9–14–65, Cl. 74—551.8.

Golden, Harry. Velocipede hub cap. 3,220,776, 11–30–65, Cl. 301—108.

Golden, Harry H. Spectrophotometer with movable cuvette unit to isolate a single wavelength. 3,215,849, 11–2–65, Cl. 250—234.

Golden, Kenneth E., to Sawyer's Inc. Still picture projector. 3,176,581, 4–6–65, Cl. 88—28.

Golden, Kenneth E., to Sawyer's Inc. Photographic toy gun. 3,218,745, 11–23–65, Cl. 40—82.

Golden, Martin A., and J. I. Vlossak, to Ultra Plating Corp. Chromium coated papermaking wire. 3,177,113, 4–6–65, Cl. 162—348.

Golden, Robert L., A. R. Davis, Jr., and J. H. Geiger, to Robertshaw Controls Co. Fluid pump or the like and method for making the same. 3,212,446, 10–19–65, Cl. 103—150.

Golden, Thomas S., and P. E. Schmid, Jr., to United States of America, Navy. Microwave tuning device. 3,209,289, 9–28–65, Cl. 333—83.

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Goldfarb, Adolph E. Means for molding wax crayons and the like. 3,166,792, 1–26–65, Cl. 18—28.

Goldfarb, Adoph E. Animated toothbrush holder. 3,170,265, 2–23–65, Cl. 46—116.

Goldfarb, Adolph E. Combination lock structure. 3,180,119, 4–27–65, Cl. 70—63.

Goldfarb, Adolph E. Object propelling movable toy. 3,191,-343, 6–29–65, Cl. 46—103.

Goldfarb, Adolph E. Inflatable aerial toy. 3,225,488, 12–28–65, Cl. 46—89.

Goldfarb, Adolph E. Bow making machine. 3,225,976, 12–28–65, Cl. 223—46.

Goldfarb, Adolph E. Electrical guessing game having control means for selectively causing action of action object means. 3,226,121, 12–28–65, Cl. 273—86.

Goldfarb, Samuel, to General Precision Inc. Precision phase sensitive demodulator. 3,184,608, 5–18–65, Cl. 307—88.5.

Goldfarb, Samuel, and J. J. Biro, to General Precision, Inc. Shaft digital position encoder. 3,200,395, 8–10–65, Cl. 340—347.

Goldfein, Solomon, to United States of America, Army. Process for shipping flexible polyurethane foam. 3,189,669, 6–15–65, Cl. 264—134.

Goldfein, Solomon, to United States of America, Army. Process for shipping rigid polyurethane foam. 3,196,197, 7–20–65, Cl. 264—321.

Goldfinger, Arthur A., to Eitel-McCullough, Inc. Radio frequency liquid dielectric load with slidable supported inner conductor and tapered shell. 3,183,458, 5–11–65, Cl. 333—22.

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Goldine, Mathew. Taxicab advertising device. 3,182,550, 5–11–65, Cl. 88—24.

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Goldman, Alan L.: *See*—
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Albright, Jay D., and Goldman. 3,202,663.
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Starker, Lee N., Paul, and Goldman. 3,173,917.

Goldman, Leon S., 10% to Harold C. Herman. Process for the determination of microbial sensitivity to antimicrobial agents. 3,197,384, 7–27–65, Cl. 195—103.5.

Goldman, Leon S. Fermentation process for determining microbial sensitivity to antimicrobial agents. 3,216,907, 11–9–65, Cl. 195—103.5.
Goldman, Richard G., to General Electric Co. Pulsed ultrasonic image converter. 3,213,675, 10–26–65, Cl. 73—67.5.
Goldman, Richard G., and W. R. Marklein, to General Electric Co. Ultrasonic transmitting means and method of producing same. 3,189,767, 6–15–65, Cl. 310—8.2.
Goldman, Robert H. Building unit with laterally related interfitted panel sections. 3,220,151, 11–30–65, Cl. 52—572.
Goldman, Percy. Garment fastener. 3,214,813, 11–2–65, Cl. 24—137.
Goldman, Robert N., and R. A. Katz, to Telecredit, Inc. Check authorization system. 3,212,062, 10–12–65, Cl. 340—172.5.
Goldman, Sanford L. Loose leaf binder. 3,172,409, 3–9–65, Cl. 129—25.
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Goldschmidt, Eric N., to Warner-Lambert Pharmaceutical Co. 5-[4-(p-hydroxyphenoxy)phenyl]-5-oxo-3-methylvaleric acid. 3,182,061, 5–4–65, Cl. 260—520.
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Goldschmidt, Hans, to H. Goldschmidt & Associates, Inc. Utility cart. 3,168,329, 2–2–65, Cl. 280—36.
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Goldsholl, Morton, to Eureka Specialty Printing Co. Disposable stamp dispenser. 3,176,891, 4–6–65, Cl. 225—46.
Goldsholl, Morton, to Vienna Sausage Mfg. Co. Display carton. 3,198,417, 8–3–65, Cl. 229—38.
Goldsholl, Morton, to The Sherwin-Williams Co. Color display device. 3,224,113, 12–21–65, Cl. 35—28.3.
Goldsmith, Bernard. Apparatus and method for marking spherical articles. 3,179,013, 4–20–65, Cl. 90—20.
Goldsmith, Bernard M., to Nytronics, Inc. Transformer encased in magnetic tape. 3,171,091, 2–23–65, Cl. 336—83.
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Goldsmith, Sidney. Human serum tetanus antitoxin titer production. 3,175,947, 3–30–65, Cl. 167—78.
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Goldstein, Albert, and F. A. Nowak, Jr., to Chemirad Corp. Process of producing 2-amino alkanol esters of sulfuric acid. 3,194,826, 7–13–65, Cl. 260—458.
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Goldstein, Arnold. Rotisserie construction. 3,194,150, 7–13–65, Cl. 99—421.
Goldstein, Arnold. Folding barbecue construction. 3,200,806, 8–17–65, Cl. 126—25.
Goldstein, Arthur, to Zwicker Knitting Mills. Knitted headwear. 3,169,252, 2–16–65, Cl. 2—203.
Goldstein, Daniel, to Schenley Industries, Inc. Merchandising and shipping device. 3,167,179, 1–26–65, Cl. 206—44.
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Goldstein, Eugene, and W. V. Matheny, to H. G. Enterprises, Urine drip absorbing apparatus. 3,212,501, 10–19–65, Cl. 128—295.
Goldstein, Herman B., R. J. Peltier, and M. A. Silvestri, to Sun Chemical Corp. Textile finishing composition, application process and resulting product. 3,168,415, 2–2–65, Cl. 117—139.4.
Goldstein, Jack M., and G. W. Lowy, to American Instrument Co., Inc. Parallelogram slit structure for a monochromator. 3,211,056, 10–12–65, Cl. 88—61.
Goldstein, Maurice L. Timed pinsetter motor control and indicator light therefor. 3,172,663, 3–9–65, Cl. 273—54.
Goldstein, Melvin M., and H. C. Lieb, to United States of America, Army. Self charging nuclear battery. 3,200,269, 8–10–65, Cl. 310—3.
Goldstein, Raymond, to Sperry Rand Corp. Relay control circuit. 3,170,095, 2–16–65, Cl. 317—155.5.
Goldstein, Robert P., to Westinghouse Electric Corp. Position indicating arrangement. 3,183,496, 5–11–65, Cl. 340—196.
Goldstein, Sol, to Harry J. Bosworth Co. Mouth protector device. 3,207,153, 9–21–65, Cl. 128—136.
Goldstein, Walter. Glass aperture plate. 3,183,521, 5–11–65, Cl. 352—221.
Goldstine, Herman H., L. P. Horwitz, and G. L. Shelton, Jr., to International Business Machines Corp. Specimen identification techniques employing Nth-order autocorrelation functions. 3,196,397, 7–20–65, Cl. 340—146.3.
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Golenpaul, Charles, and M. De La Fuente, to Aerovox Corp. Packaging of tubular articles. 3,198,329, 8–3–65, Cl. 206—65.
Golightly, James S., to Pittsburgh Plate Glass Co. Glass bending mold with a heat absorber. 3,202,497, 8–24–65, Cl. 65—288.
Golightly, James S., to Pittsburgh Plate Glass Co. Glass bending. 3,216,811, 11–9–65, Cl. 65—107.
Golightly, James S., to Pittsburgh Plate Glass Co. Bending mold for glass sheets. 3,220,821, 11–30–65, Cl. 65—291.
Golightly, James S., and H. E. McKelvey, to Pittsburgh Plate Glass Co. Apparatus for bending glass sheets with heat absorbers. 3,202,496, 8–24–65, Cl. 65—288.
Golightly, James S., D. H. Doehlert, and C. R. Davidson, Jr., to Pittsburgh Plate Glass Co. Method for bending glass sheets to compound curvatures. 3,223,505, 12–14–65, Cl. 65—107.
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Goller, Paul, to Karl Goller Maschinenfabrik, KG. Telescopic construction. 3,191,902, 6–29–65, Cl. 248—188.5.
Golliher, Waldo R., to United States of America, Atomic Energy Commission. Process for separation and recovery of volatile fluoride impurities from uranium hexafluoride containing the same. 3,165,376, 1–12–65, Cl. 23—14.5.
Gollin, Ronald A., R. Michaelis, D. Walker, and S. S. Adams, to Boots Pure Drug Co., Ltd. Process for the preparation of laminarin sulfate. 3,120,110, 8–10–65, Cl. 260—210.
Gollings, Archie H., to The Firestone Tire & Rubber Co. Retractable sidewall-valve curing pin. 3,170,188, 2–23–65, Cl. 18—2.
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Gilman, Lucius G., and Gollis. 3,211,704.
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Golthorpe, Harold C., to Aerojet-General Corp. Valve device. 3,214,132, 10–26–65, Cl. 251—173.
Goltner, Wolfgang, and P. Shlack, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüining. Process for the manufacture of copolymers of acrolein and acrylonitrile. 3,196,130, 7–20–65, Cl. 260—73.
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Golueke, Clarence G., and W. J. Oswald, to The Regents of the University of California. Process for culturing and recovering algae and carageenin. 3,195,271, 7–20–65, Cl. 47—1.4.

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Gomarasca, Piero, and P. Blazina, to Laboratorio Farmaceutico Lofarma. Chlorine derivatives of cyclopentanophenanthrene and processes for their preparation. 3,201,427, 8–17–65, Cl. 260—397.4.

Gombar, Steve, and C. G. Thayer, 33⅓% to Gabriel L. Dery. Pitcher assembly for a liquid container. 3,184,110, 5–18–65, Cl. 222—86.

Gombert, Dieter W., to Cook Electric Co. Atomic irradiator. 3,225,203, 12–21–65, Cl. 250—106.

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Gomersall, John R., deceased, by F. J. Gomersall, executrix, M. Ireland, and P. E. Willman, to McGraw-Edison Co. Household mixer. 3,170,674, 2–23–65, Cl. 259—1.

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Gomez, Aldan D., to Straza Industries. Remotely controlled attenuator devices. 3,202,905, 8–24–65, Cl. 323—74.

Gomez, Salvador B. Controlled action rotary servo-motor control mechanism. 3,205,984, 9–14–65, Cl. 192—96.

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Gomory, Paul L., to Phillips Petroleum Co. Catalytic apparatus. 3,186,805, 6–1–65, Cl. 23—288.

Gomory, Paul L., M. B., N. A., and P. L. Gomory, Jr. Rocking and rolling exerciser or toy. 3,220,744, 11–30–65, Cl. 280—1.11.

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Gondert, Theodore R., and D. R. Snoeyenbos, to General Motors Corp. Clearance modulated frictionless attraction device for increasing the tractive engagement between vehicles and the supporting surface. 3,209,849, 10–5–65, Cl. 180—7.

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Gonella, Amedio, and A. F. Landry, to Suburban Propane Gas Corp. Valve repair device. 3,194,256, 7–13–65, Cl. 137—315.

Gongwer, Calvin A., to Aerojet-General Corp. Water-jet hydrofoil boat. 3,165,084, 1–12–65, Cl. 114—66.5.

Gongwer, Calvin A., to Aerojet-General Corp. Leg connection. 3,204,262, 9–7–65, Cl. 9—301.

Gongwer, Calvin A., to Aerojet-General Corp. Propeller. 3,204,699, 9–7–65, Cl. 170—135.

Gongwer, Calvin A., to Aerojet-General Corp. Turbulence detector. 3,206,976, 9–21–65, Cl. 73—213.

Gongwer, Calvin A., to Aerojet-General Corp. Water-jet propulsion device for boats. 3,212,258, 10–19–65, Cl. 60—35.54.

Gongwer, Calvin A., to Aerojet-General Corp. Fluid turbulence detector. 3,213,682, 10–26–65, Cl. 73—170.

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Gonsalves, Conrad J., to American Enka Corp. Centrifugal yarn collection. 3,187,496, 6–8–65, Cl. 57—76.

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Gonzales, Elwood J., C. M. Welch, and J. D. Guthrie, to United States of America, Agriculture. Process for making cellulosic textiles rot resistant with zirconium salts and phenols. 3,183,149, 5–11–65, Cl. 167—38.7.

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Gonzalez, Rodolfo, to Douglas Aircraft Co., Inc. Acoustical panel comprising a cellular core having a face thereof coated with fibers bridging the cells. 3,211,253, 10–12–65, Cl. 181—33.

Gonzalez, Victor E. Ball socket attachment for impact tool. 3,172,675, 3–9–65, Cl. 279—2.

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Gooch, Frederic P., to Ametek, Inc. Horizontal type centrifugal separator. 3,187,997, 6–8–65, Cl. 233—7.

Good, Arthur L., to Robertshaw Controls Co. Pressure differential switch with range balance adjustment. 3,200,215, 8–10–65, Cl. 200—83.

Good, James A., and D. E. Thoren, to The Babcock & Wilcox Co. Resilient valve seat design. 3,193,250, 7–6–65, Cl. 251—363.

Good, James L., to West Virginia Pulp and Paper Co. Control of machine components. 3,220,377, 11–30–65, Cl. 118—8.

Good, Paul F., to Speedco, Inc. Travelling weight indicator. 3,198,271, 8–3–65, Cl. 177—45.

Good, Paul F., to Westinghouse Electric Corp. Hardening and straightening method and apparatus for use with flanged axles. 3,210,223, 10–5–65, Cl. 148—131.

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Goodall, Donald G., N. G. Hatton, and N. Roberts, to Rolls-Royce Ltd. Internal shock wave positioning control system for air intakes for supersonic aircraft. 3,163,981, 1–5–65, Cl. 60—35.6.

Goodall, Reginald A. Toothbrush container. 3,207,296, 9–21–65, Cl. 206—15.1.

Goodbar, Isaac. Lighting fixture. 3,169,709, 2–16–65, Cl. 240—25.

Goodchild, George A. Joined screen sections. 3,213,586, 10–26–65, Cl. 52—581.

Goode, Archie E., and T. G. Hill, to Lockheed Aircraft Corp. Aircraft heating system. 3,203,473, 8–31–65, Cl. 165—35.

Goode, McKay, and M. J. Wiggins, to Martin-Marietta Corp. Tropospheric scatter communication system having high diversity gain. 3,226,644, 12–28–65, Cl. 325—56.

Goode, Robert W., ½ to G. A. Petersen, and ½ to A. E. Petersen. Winding device for twisted cable. 3,211,394, 10–12–65, Cl. 242—82.

Goodell, John D., to Minnesota Mining and Mfg. Co. Tape cartridge interlock. 3,188,091, 6–8–65, Cl. 274—11.

Goodell, John D., J. Nazali, and T. N. Tengsater, to U.S. Industries, Inc. Article manipulator apparatus. 3,182,813, 5–11–65, Cl. 214—1.

Goodell, John L. Automobile top carrier and cases therefor. 3,209,971, 10–5–65, Cl. 224—42.1.

Goodell, Richard H., to Ethyl Corp. Container tie down and shipping device. 3,217,892, 11–16–65, Cl. 211—71.

Goodenough, Robert D., to The Dow Chemical Co. Lithium fluoride production. 3,179,495, 4–20–65, Cl. 23—88.

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Goodfellow, David S., and A. J. Terry, to Brown & Williamson Tobacco Corp. Mouthpieces for cigarettes. 3,205,791, 9–14–65, Cl. 93—1.
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Goodfriend, Sydney F., ½ to Cyril Feldman. Marine engine cooling coupler. 3,202,123, 8–24–65, Cl. 115—.5.
Goodhue, Lyle D., to Phillips Petroleum Co. Trithiocarbonates as nematocides. 3,180,790, 4–27–65, Cl. 167—22.
Goodhue, Lyle D., R. P. Louthan, and K. E. Cantrel, to Phillips Petroleum Co. Method of combatting insects with polysulfides. 3,185,620, 5–25–65, Cl. 167—22.
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Goodloe, Alfred M., to General Cable Corp. Heat exchangers. 3,195,627, 7–20–65, Cl. 165—181.
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Goodman, Abraham, to Delamere Co., Inc. Flexible comb with integral latch for securing a pony tail or similar hairdo. 3,209,767, 10–5–65, Cl. 132—46.
Goodman, Abraham, to Delamere Co., Inc. Flexible comb with integral latch for securing a pony tail or similar hairdo. 3,209,768, 10–5–65, Cl. 132—46.
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Goodman, Donald E., and E. S. Murphy, to Advance Scientific Corp. Tissue culture tube rack means. 3,175,695, 3–30–65, Cl. 211—74.
Goodman, Eugene S., to Matmakers, Inc. Packaging and storing of dealer-aid advertising newspaper mats. 3,167,181, 1–26–65, Cl. 206—56.
Goodman, Frank. Keyhole obstructing locking devices. 3,167,945, 2–2–65, Cl. 70—428.
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Goodman, Howard. Lamp harp assembly. 3,166,254, 1–19–65, Cl. 240—81.
Goodman, Hugh F., to The A.P.V. Co. Ltd. Heat exchanger plate. 3,216,494, 11–9–65, Cl. 165—166.
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Goodman, Jack J., and H. Stillman, to Prestige Products, Inc. Pole structure. 3,200,554, 8–17–65, Cl. 52—727.
Goodman, Joe, Jr., to General Electric Co. Double bridge circuit for measuring resistance of energized alternating current apparatus. 3,172,038, 3–2–65, Cl. 324—62.
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Goodman, Noel. Fishing equipment including a release device. 3,217,443, 11–16–65, Cl. 43—42.51.
Goodman, Norman H., to Vanmark Research Corp. Elastic mesh ballet tights. 3,212,103, 10–19–65, Cl. 2—224.
Goodman, Robert. Box spring assembly. 3,177,504, 4–13–65, Cl. 5—230.
Goodman, Robert J., to Sekur-All Corp. Skate with spring loaded coupling mechanism. 3,202,434, 8–24–65, Cl. 280—11.26.
Goodman, Robert J., to Sekur-All Corp. Molded plastic skates. 3,202,435, 8–24–65, Cl. 280—11.26.
Goodman, Robert M. Electro-optical device for producing a modulated voltage. 3,192,387, 6–29–65, Cl. 250—217.
Goodman, Robert M., Jr., to United States of America, Army. Antenna feed waveguide system providing rapid switching between scan and tracking modes of operation. 3,213,455, 10–19–65, Cl. 343—754.
Goodman, Robert M. Miniature shock-resistant photocell. 3,215,850, 11–2–65, Cl. 250—239.
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Goodman, William. Control for vapor flow valve. 3,186,641, 6–1–65, Cl. 236—40.
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Goodrich, Hunter C., to Radio Corp. of America. Color television image reproduction. Re. 25,833, 8–10–65, Cl. 178—5.4.
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Goodrich, Ross H., to Joy Mfg. Co. Stabilizer mechanism. 3,211,499, 10–12–65, Cl. 299—74.
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Goodwin, Charles M. Clip board and carrying case. 3,215,452, 11–2–65, Cl. 281—44.
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Goodwin, Edwin C., Jr., and I. W. Paterson, to Allis Chalmers Mfg. Co. Electrical connector for secondary circuits. 3,197,583, 7–27–65, C. 200—50.
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Goodwin, Herbert J., to Bloctube Controls Ltd. Remote control means for the control means and/or indicator of a prime mover. 3,210,627, 10–5–65, Cl. 318—31.
Goodwin, Herbert J., to Bloctube Controls Ltd. Remote control apparatus for the control means of a prime mover. 3,210,628, 10–5–65, Cl. 318—31.
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Shannon, Joseph A. 3,204,544.
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Goon, Edward J., P. L. Raymond, and R. W. Steeves, to National Research Corp. Deflection of metal vapor away from the vertical in a thermal evaporation process. 3,165,396, 1–12–65, Cl. 75—.5.
Goonan, Harry J., and J. K. Fitzpatrick, to The Western Union Telegraph Co. Waveguide flanging system. 3,194,467, 7–13–65, Cl. 228—50.
Goonewardene, Hilary F., to Rohm & Haas Pharma G.m.b.H. Method and compositions for chemosterilization of insects. 3,226,289, 12–28–65, Cl. 167—22.
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Goos, Hanno, H. W. Maurer, and A. W. Kurz, to Escher Wyss G.m.b.H. Apparatus for continuous gelatinization of starch. 3,219,483, 11–23–65, Cl. 127—28.
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Goossens, John C., to Standard Oil Co. Thickening of high temperature greases. 3,206,443, 9–14–65, Cl. 260—79.3.
Goostree, Jack E. Standing valve assembly for downhole plunger pumps and attachment therefor. 3,215,085, 11–2–65, Cl. 103—179.
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Goran, Leo, Jr., to Avis Industrial Corp. Method for handling small articles. 3,169,308, 2–16–65, Cl. 29—429.
Goran, Leo, Jr., to Avis Industrial Corp. Apparatus for handling small articles. 3,169,662, 2–16–65, Cl. 221—236.
Gorand, Alfred J., to Sun Oil Co. Control process in the recovery of naphthalene from alkylnaphthalene by distillation. 3,168,451, 2–2–65, Cl. 202—39.5.
Goranson, Charles D., and E. A. Hennigan. Golf club with handle sections pivotally connected on a horizontal axis. 3,170,690, 2–23–65, Cl. 273—77.
Gorbar, Nettie. Regulating clamp for flexible tubes. 3,215,395, 11–2–65, Cl. 251—6.
Gorbaty, Arthur M., to Bell Aerospace Corp. Space vehicle control system. 3,190,069, 6–22–65, Cl. 60—35.6.
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Paton, Boris E., Lebedev, Ostapenko, Lashkevich, Sevbo, Sakharnov, Litvinchuk, and Gorbunov. 3,166,664.
Gore, Johnny F. Rack device for use on a desk. 3,164,254, 1–5–65, Cl. 211—42.
Gorchev, Dimiter, and H. Gorchev. Fluid flow regulating valve. 3,204,664, 9–7–65, Cl. 138—46.
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Gorcyca, Edwin R., to American Brake Shoe Co. Lubricator retainers. 3,186,777, 6–1–65, Cl. 308—89.
Gorcyca, Edward R., to American Brake Shoe Co. Two-piece dust guard. 3,207,522, 9–21–65, Cl. 277—130.
Gordan, Andrew L., to Curtiss-Wright Corp. Quick disconnect, self-sealing, hose couplings having identical mating parts. 3,193,311, 7–6–65, Cl. 285—70.
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Gordinier, Ralph E. Fruit picker. 3,205,644, 9–14–65, Cl. 56—328.
Gordon, Alex F., to United Merchants and Manufacturers, Inc. Process of imparting wash and wear properties to cellulosic textiles and finishing solutions for use in such process. 3,190,715, 6–22–65, Cl. 8—116.
Gordon, Alex F., to United Merchants and Manufacturers, Inc. Process of finishing cellulosic fabrics with aldehyde-containing solutions and said solutions. 3,190,716, 6–22–65, Cl. 8—116.4.
Gordon, Augustus S. Acrobatic animal. 3,199,247, 8–10–65, Cl. 46—133.
Gordon, Barnett D., E. der Estephanian, and E. J. Boutillette, to M.K.M. Knitting Mills, Inc. Rear panel for women's knitted garments and method of knitting same. 3,176,480, 4–6–65, Cl. 66—189.
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Gordon, Bernhard H. Key clamp with lock pin. 3,219,157, 11–23–65, Cl. 189—36.
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Gordon, Chester D.: *See*—
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Gordon, Daniel I., and R. S. Sery, to United States of America, Navy. Method of making magnetic cores having rectangular hysteresis loops by bombardment with electrons. 3,192,078, 6–29–65, Cl. 148—100.
Gordon, Derck A.: *See*—
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Martin, Perry S., and Gordon. 3,168,088.
Gordon, Donald J., to Turnbull Elevator Ltd. Driven vehicle for operating implements. 3,198,276, 8–3–65, Cl. 180—11.
Gordon, Donald W. Cushion apparatus for landing pits for jumpers, vaulters, divers, etc. 3,204,259, 9–7–65, Cl. 5—355.
Gordon, Douglas, to Briggs & Stratton Corp. Muffler for small internal combustion engines. 3,168,936, 2–9–65, Cl. 181—49.
Gordon, Edward, D. F. Searcy, and J. T. Cotten, to United Gas Corp. Computer apparatus for scanning a chart record and determining a mathematical result therefrom. 3,226,532, 12–28–65, Cl. 235—164.
Gordon, Fred M., to American Cyanamid Co. Controlling nematodes in soil with nematocidal benzo[b]thiophenes. 3,218,229, 11–16–65, Cl. 167—33.
Gordon, George B. Fibrous web feeding and flow rate decelerating method and apparatus. 3,192,572, 7–6–65, Cl. 19—161.
Gordon, George C.: *See*—
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Gordon, Harold. Regenerative air heating system. 3,198,190, 8–3–65, Cl. 126—101.
Gordon, Irving, and J. H. Brown, to Hooker Chemical Corp. Phosphorus polymers. 3,221,057, 11–30–65, Cl. 260—606.5.
Gordon, James. Electrical brush holder. 3,171,050, 2–23–65, Cl. 310—239.
Gordon, John E., to Joy Mfg. Co. Drill assembly. 3,164,962, 1–12–65, Cl. 60—64.
Gordon, Joseph, and C. Woolf, to Allied Chemical Corp. Manufacture of halogenated alcohols. 3,189,656, 6–15–65, Cl. 260—633.
Gordon, Joseph, H. R. Nychka, and C. Woolf, to Allied Chemical Corp. Preparation of fluorine compounds. 3,226,448, 12–28–65, Cl. 260—650.
Gordon, Joseph A.: *See*—
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Gordon, Keith M., to Miniature Precision Bearings, Inc. Bearing torque test instrument. 3,225,587, 12–28–65, Cl. 73—9.
Gordon, Leon B., and T. P. Moote, Jr., to Standard Oil Co. Process for polymerization of olefins. 3,168,504, 2–2–65, Cl. 260—93.7.
Gordon, Lewis, to Illinois Tool Works Inc. Screw rolling die. 3,196,654, 7–27–65, Cl. 72—88.
Gordon, Mack. Adjustable vacuum valve. 3,167,089, 1–26–65, Cl. 137—517.
Gordon, Millard F., to Thompson Ramo Wooldridge Inc. Rotary distributor having waveguide coupling across rotor-stator gap. 3,165,712, 1–12–65, Cl. 333—7.
Gordon, Millard F., to TRW Inc. Variable delay line using electromagnetic energy coupling. 3,212,030, 10–12–65, Cl. 333—31.
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Gordon, Paul C., and T. J. Scarnato, to International Harvester Co. Mower mounting and operating mechanism. 3,175,345, 3–30–65, Cl. 56—25.
Gordon, Philip N.: *See*—
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Gordon, Philip N., to Chas. Pfizer & Co., Inc. Process for inhibiting tumors with substituted pyrazoles. 3,169,091, 2–9–65, Cl. 167—65.
Gordon, Philip N., to Chas. Pfizer & Co., Inc. Process for controlling fungi with imidazoles, imidazolines, pyrimidines, and diazacyclo-octenes and diazepines. 3,219,522, 11–23–65, Cl. 189—36.
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Gordon, Richard A. Transfer diffusion mechanism for photocopying machines. 3,171,341, 3–2–65, Cl. 95—89.
Gordon, Richard A. Photo-copying apparatus. 3,179,031, 4–20–65, Cl. 95—73.
Gordon, Richard O., to Clark Equipment Co. Hydraulic valve. 3,176,721, 4–6–65, Cl. 137—625.68.
Gordon, Robert, to Aerojet-General Corp. Ignition system. 3,214,909, 11–2–65, Cl. 60—39.82.
Gordon, Robert A., to Eastman Kodak Co. Processing mechanism. 3,183,819, 5–18–65, Cl. 95—89.
Gordon, Roman M.: *See*—
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Kunda, Vasyl. 3,196,004.
Gordon, Sophie R.: *See*—
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Gordon, Stuart, K. G. Reed, and J. C. N. Russell, to Imperial Chemical Industries Ltd. Process for making propellant charges. 3,202,730, 8–24–65, Cl. 264—3.
Gordon, Walter H., Jr., to General Electric Co. Thermal-electric control device having thermally expansive material as a switch actuator. 3,204,066, 8–31–65, Cl. 200—140.
Gordon, Walter H., Jr., to General Electric Co. Electrically heated bedcover. 3,222,497, 12–7–65, Cl. 219—212.
Gordon, William E., to Arthur D. Little, Inc. Explosive compositions containing ammonium nitrate-hexamethylenetetramine, complexes. 3,166,452, 1–19–65, Cl. 149—46.
Gordon, William E., to Arthur D. Little, Inc. Ammonium nitrate-hexamethylenetetramine adduct. 3,166,555, 1–19–65, Cl. 260—248.5.
Gordon, William E., to Arthur D. Little, Inc. Apparatus for forming an explosive component from a melt. 3,210,160, 10–5–65, Cl. 23—266.
Gordon, William F. Underwater telephone system. 3,181,116, 4–27–65, Cl. 340—5.
Gordon, William J. J.: *See*—
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Gore, Wilbert L., to W. L. Gore & Associates, Inc. Abrasion resistant polymeric fluorocarbons and conductor insulated therewith. 3,217,083, 11–9–65, Cl. 174—25.
Goreham, Peter E., to Moore Business Forms, Inc. Aperture sensing mechanisms. 3,201,019, 8–17–65, Cl. 226—9.
Gorelov, Leonid R., and M. A. Shimanko, to Moscowsky Zavol Malolilrazlinykh Artomobilei. Clutch bearing adjusting device. 3,213,990, 10–26–65, Cl. 192—110.

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Goren, Mayer B.: *See*—
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Goren, Mayer B., to Kerr-McGee Oil Industries, Inc. Process for the selective recovery of vanadium oxide from alkaline liquors. 3,190,720, 6–22–65, Cl. 23—23.
Goren, Mayer B., to Kerr-McGee Oil Industries, Inc. Polymerization of acrylamide monomer in the presence of free ammonia and the resulting polyacrylamide product. 3,200,098, 8–10–65, Cl. 260—80.3.
Goren, Mayer B., to Kerr-McGee Oil Industries, Inc. Process for precipitating solubilized silica from acidic aqueous media. 3,206,303, 9–14–65, Cl. 75—97.
Gores, Kenneth W., and P. D. Kennar. Mouthguard. 3,223,085, 12–14–65, Cl. 128—136.
Gorey, Archie H., to Graflex, Inc. Automatic shutter cocking mechanism for camera. 3,199,427, 8–10–65, Cl. 95—53.
Gorfin, Alex M. Speed reduction drive mechanism. 3,190,149, 6–22–65, Cl. 74—805.
Gorgens, Joseph E.: *See*—
Bissell, Robert D., and Gorgens. 3,214,979.
Gorgens, Joseph E., to Dresser Industries, Inc. Shock resistant Bourdon tube. 3,204,464, 9–7–65, Cl. 73—418.
Gorgens, Joseph E., R. J. Ingham, and R. D. Bissel, to Dresser Industries, Inc. Tape drive for gauges and the like. 3,204,472, 9–7–65, Cl. 74—95.
Gorham Corp.: *See*—
Arlin, Marshall N., Spears, and Woodward. 3,217,258.
Gorham, Harold F. Fish line guide. 3,222,812, 12–14–65, Cl. 43—24.
Gorham, William F., to Union Carbide Corp. Halogenated di-p-xylylenes. 3,221,068, 11–30–65, Cl. 260—649.
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Gorig, Josef. Intaglio printing screen for superimposing with autotypy screenpositives in the production of etchings for autotypical intaglio printing. 3,210,186, 10–5–65, Cl. 96—32.
Görig, Josef. Method of producing printing forms for intaglio printing. 3,210,188, 10–5–65, Cl. 96—38.
Görike, Rudolf, to Akustische U. Kino-Gerate Gesellschaft, m.b.H. Foamed plastic diaphragm for sound transducers. 3,172,498, 3–9–65, Cl. 181—32.
Gorike, Rudolf, and K. Schuster, to Akustische U. Kino-Gerate Gesellschaft m.b.H. Moving-coil microphone arrangement. 3,204,031, 8–31–65, Cl. 179—1.
Gorike, Rudolf, to Akustische u. Kino-Gerate Gesellschaft m.b.H. Sound transducer for dictating equipment. 3,222,463, 12–7–65, Cl. 179—115.5.
Gorin, Everett, to Consolidation Coal Co. Process for producing hydrogen-enriched hydrocarbonaceous products from coal. 3,184,401, 5–18–65, Cl. 208—8.
Gorin, Everett, to Consolidated Coal Co. Process for producing high purity hydrogen from hydrocarbon gas and steam. 3,188,179, 6–8–65, Cl. 23—212.
Gorin, Everett, and C. H. Rice, to Consolidation Coal Co. Production of pipeline gas from coaly solids. 3,194,644, 7–13–65. Cl. 48—197.
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Gorissen, Max, E. Kiefer, R. Helfmann, and F. Burhop, to General Motors Corp. Internal combustion engine and transmission assemblies. 3,207,142, 9–21–65, Cl. 123—195.
Gorjanc, Henry A., to The Cleveland Crane & Engineering Co. Multi-function plural motor control for material handling apparatus. 3,174,086, 3–16–65, Cl. 318—51.
Gorjanc, Henry A., to The Cleveland Crane & Engineering Co. Carrier systems. 3,200,766, 8–17–65, Cl. 104—88.
Gorjanc, Henry A., to The Cleveland Crane & Engineering Co. Mono-rail track switch. 3,223,048, 12–14–65, Cl. 104—102.
Gorlin, Howard M., to Sperry Rand Corp. Binary pulse counter for radices 2^x+1 where x is any integer. 3,200,339, 8–10–65, Cl. 328—46.
Gorman, Edmond B., to McGraw-Edison Co. Electric switch. 3,182,145, 5–4–65, Cl. 200—48.
Gorman, Edmond B., and S. B. Sprague, to McGraw-Edison Co. Double break high voltage disconnect switch. 3,164,694, 1–5–65, Cl. 200—48.
Gorman, James M., and V. H. Hannah, to Norris Grain Co. Method of preparing a dried egg product. 3,222,194, 12–7–65, Cl. 99—210.
Gorman, Joseph G., and L. H. Rietjens, to United States of America, Atomic Energy Commission. Rotating plasma device. 3,171,788, 3–2–65, Cl. 176—1.
Gorman, Kenneth P. Navigation instrument. 3,220,643, 11–30–65, Cl. 235—61.
Gorman, Lee V., to Texas Instruments Inc. Aluminum-germanium contact. 3,222,630, 12–7–65, Cl. 338—322.
Gorman, Marion R. Brassiere and strapless slip. 3,212,503, 10–19–65, Cl. 128—456.
Gorman, Marvin, to Eli Lilly and Co. Quebrachidine and derivatives. 3,225,053, 12–21–65, Cl. 260—294.3.
Gorman, Raymond J., to H & G Tool Co. Carbide tipped chipper. 3,214,106, 10–26–65, Cl. 241—221.
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Gorman, William A., C. K. Stearns, and S. M. Weisberg, to National Dairy Products Corp. Egg product. 3,207,609, 9–21–65, Cl. 99—114.
Gorman, William G., to Sterling Drug, Inc. Non-metallic pump dispenser. 3,187,960, 6–8–65, Cl. 222—321.
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Gorske, Herman A., and L. V. McCarty, to Controls Co. of America. Ignition device. 3,185,896, 5–25–65, Cl. 317—88.
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Gosling, Ira E., to General Motors Corp. Rear-view mirror housing having an adjustable shield. 3,198,071, 8–3–65, Cl. 88—98.
Gospodar, Reinhard. Heating systems for motor vehicles. 3,168,244, 2–2–65, Cl. 237—12.3.
Goss, Donald D., to Dunn-Right, Inc. Method and apparatus for testing meat. 3,178,929, 4–20–65, Cl. 73—15.4.
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Goss, Herbert C., to Goss Gas. Protective device for valved fittings or the like. 3,185,336, 5–25–65, Cl. 220—38.
Goss, John B., and R. H. E. Schmidt. Method and apparatus for surface-blasting with abrasive. 3,182,425, 5–11–65, Cl. 51—8.
Goss, Samuel G., III, to Halsam Products Co. Building blocks connectable in slideable or non-slideable relationship. 3,220,141, 11–30–65, Cl. 46—25.
Gossard, William H., to United States of America, Army. Diversity reception system with correction for long-term fluctuations in signal strength. 3,182,263, 5–4–65, Cl. 325—370.
Gossel, Edgar, to Faber-Castell, A.W. Method of bonding pencil leads to pencil sheaths. 3,175,538, 3–30–65, Cl. 120—83.
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Gosselin, Raymond A., to R. A. Gosselin & Co., Inc. Method and means for reproducing written subject matter including drug prescription data. 3,222,086, 12–7–65, Cl. 282—23.
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Gossett, Bryant W., and M. C. Henson, to Gossett Machine Works, Inc. Mechanical stop-motion for carding engines. 3,216,063, 11–9–65, Cl. 19—.25.
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Gossler, Clair K. Rifle sling. 3,182,871, 5–11–65, Cl. 224—1.
Gossling, Robert C., and L. S. Wilcoxon, to Clopay Corp. Window shade having telescoping roller. 3,203,468, 8–31–65, Cl. 160—323.
Gostling, Guy S. N. Carton. 3,214,194, 10–26–65, Cl. 282—12.
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Goto, Eizo, N. Iwata, and K. Takahashi, to Tokyo Shibaura Electric Co., Ltd. Flash lamps. 3,208,246, 9–28–65, Cl. 67—31.
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Gottfried, Louis, and J. Berger. Support for a child carrying unit including a carriage body, a chair or the like. 3,223,431, 12–14–65, Cl. 280—47.38.
Gottfried, Max, to Jobst Institute, Inc. Pneumatic immobilizing device for animals and the like. 3,224,415, 12–21–65, Cl. 119—96.
Gottfried, Siegfried, and L. Baxendale, to Biorex Laboratories Ltd. Anti-anaphylactic compositions. 3,167,475, 1–26–65, Cl. 167—65.
Gottfurcht, Bernard, and M. Weitzner. Varied temperature container. 3,213,932, 10–26–65, Cl. 165—61.
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Gottlieb, Robert. Play pen. 3,187,352, 6–8–65, Cl. 5—99.
Gottlieb, Robert. Play pen and bottom elevating means therefor. 3,195,152, 7–20–65, Cl. 5—99.
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Gottschald, Rudolf, to V. Langen, d.b.a. A. Ehrenreich & Cie. Ball and Socket joint. 3,178,209, 4–13–65, Cl. 287—87.
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Gottschalk, Ulrich. Process for manufacturing plates from wood shavings and fibers. 3,188,367, 6–8–65, Cl. 264—37.
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Worth, Francis C. 3,217,637.
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Gottsegen, Ronald B., B. F. Willow, and R. G. Winstone, to Gotham Industries, Inc. Handle attachment means for portable ice chest. 3,185,342, 5–25–65, Cl. 220—91.
Gottung, William H., E. J. Kelch, and R. W. Stevens, to General Electric Co. Process for insulating an electrical coil. 3,202,558, 8–24–65, Cl. 156—56.
Gottwald, Donald, Jr. Safety belt attachment. 3,194,602, 7–13–65, Cl. 297—385.
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Gotz, Elmar, and P. Boese, to Licentia Patent-Verwaltungs-G.m.b.H. Data assembling system. 3,215,986, 11–2–65, Cl. 340—172.5.
Gotz, Hans, to Mildt Mellor Bromley Ltd. Knotter for fisherman's knots in the textile industry. 3,166,346, 1–19–65, Cl. 289—2.
Götze, Erich, to Zeiss Ikon Aktiengesellschaft. Lamp housing with high pressure gas discharge lamp. 3,173,617, 3–16–65, Cl. 240—46.53.
Gotze, Johannes, to Agfa Aktiengesellschaft. Sensitizing dyes for photographic silver halide. 3,196,017, 7–20–65, Cl. 96—106.
Gotzinger, George. Combination soil cultivator and weeder implement. 3,225,838, 12–28–65, Cl. 172—378.
Gotzy, Paul L., to A. A. Halacsy. Method of incapsulating an object. 3,188,370, 6–8–65, Cl. 264—226.
Goubau, Georg J. E., to Beam Guidance, Inc. Iris type beam wave guide. 3,200,697, 8–17–65, Cl. 88—1.
Goubsky, Gregory M., and A. O'Hea, to Colt Ventilation and Heating Ltd. Heat generators. 3,220,460, 11–30–65, Cl. 158—28.
Gouedy, Lucien L. Aquatic device. 3,180,306, 4–27–65, Cl. 115—23.
Gough, Peter J. C., and K. Hall, to Bristol Siddeley Engines Ltd. Apparatus for producing a high velocity jet consisting of a plasma of ions and electrons. 3,226,592, 12–28–65, Cl. 313—230.
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Gould, Bert B., to MB Associates. In-line launching. 3,199,406, 8–10–65, Cl. 89—1.7.
Gould, Bert B., to MB Associates. Method of constructing a miniature solid propellant rocket. 3,224,317, 12–21–65, Cl. 86—1.
Gould, Charles D., to Richdel, Inc. Electric programmers. Re. 25,805. 6–22–65, Cl. 307—141.
Gould, Charna and W. Synthetic plastic broom bristles. 3,216,038, 11–9–65, Cl. 15—159.
Gould, Charna and W. Process for producing a filament having a fibrous linearly oriented core. 3,217,074, 11–9–65, Cl. 264—210.
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Gould, Herbert J., to Giannini Controls Corp. Method of forming an ohmic semiconductor contact. 3,169,304, 2–16–65, Cl. 29—155.5.
Gould, Ira L., K. K. Kesling, and A. T. Bassett, Jr., to General Motors Corp. Refrigerating apparatus. 3,205,666, 9–14–65, Cl. 62—3.
Gould, James C., and V. Gallatin, to Federal-Mogul-Bower Bearings, Inc. Method of making bearings. 3,221,392, 12–7–65, Cl. 29—149.5.
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Zahn, Harold E. 3,169,889.
Gould, Paul R., to United States of America, Army. Electrically conductive element. 3,189,420, 6–15–65, Cl. 29—195.

Gould, Richard E.: *See*—
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Gould, Richard E., and C. C. Whistler, Jr., to General Motors Corp. Refrigerating apparatus. 3,216,490, 11–9–65, Cl. 165—29.

Gould, Robert V., to Sperry Rand Corp. Scanning antenna utilizing four rotary prisms to produce rectilinear scan and fifth rotary prism to produce conical scan. 3,226,721, 12–28–65, Cl. 343—754.

Gould, Ronald, and A. Goldberg. Percussion instrument practice. 3,186,290, 6–1–65, Cl. 84—411.

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Goulding, Robert L., Jr., and C. R. Tanner, to California Research Corp. Method for controlling insects and helminths with triazinyl compounds. 3,192,109, 6–29–65, Cl. 167—53.

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Gouran, Mark F., C. A. Cobb, and L. Kazan, to Mark F. Gouran Co. Automatic relay welding machine. 3,194,942, 7–13–65, Cl. 219—124.

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Gourley, Ted H., to Delcon Corp. Testing means used in determining the presence of loose particles within a container. 3,191,430, 6–29–65, Cl. 73—67.

Gouttebel, Raymond, to Automatic Electric Laboratories, Inc. Sensing device for magnetic core memories. 3,210,744, 10–5–65, Cl. 340—174.

Gouveia, A. Peter, to Johns-Manville Corp. Method and apparatus for preparing a fiber-reinforced molding composition. 3,175,807, 3–30–65, Cl. 259—21.

Gouyou-Beauchamps, Jacques: *See*—
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Gouyou-Beauchamp, Jacques, and F. Brugere, to Societe Anonyme so-called: Saunier Duval. Remote-controlled luminous display panel system. 3,196,740, 7–27–65, Cl. 88—28.

Govan, William L., to Farrel Corp. Hydraulic circuit for operating multiple cylinders. 3,172,261, 3–9–65, Cl. 60—52.

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Govan, William L., to Farrel Corp. Pneumatic control system. 3,194,037, 7–13–65, Cl. 72—24.

Govan, William L., to Farrel Corp. Adjustable shear mounting for a hydraulic extrusion press. 3,220,237, 11–30–65, Cl. 72—255.

Gove, Paul B., Jr., and E. L. Remington, to Draper Corp. Tape motion for shuttleless looms. 3,175,587, 3–30–65, Cl. 139—127.

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Gow, Kenelm V.: *See*—
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Gow, Quinn W., and H. R. Edwards, to Walter A. Plummer. Unitary multiple passage junction fitting for cable assemblies and method of making same. 3,180,923, 4–27–65, Cl. 174—72.

Gowan, Clarence E. Hitch pin safety lock. 3,198,056, 8–3–65, Cl. 85—8.8.

Gowan, Willard E., Sr., to St. Louis Shipbuilding-Federal Barge, Inc. Cargo barge cover. 3,200,784, 8–17–65, Cl. 114—201.

Gowdy, William G., to Dow Corning Corp. Stabilized grease composition. 3,192,157, 6–29–65, Cl. 252—28.

Gower-Rempel, John. Vehicle, constrol system and driving system therefor. 3,180,305, 4–27–65, Cl. 115—1.

Gowers, Donald S., and H. Grinsfelder, to Rohm & Haas Co. Ion exchange process. 3,213,016, 10–19–65, Cl. 210—24.

Goy, Heinz, and H. Glaser, to Siemens & Halske Aktiengesellschaft. Printing mechanism for fluid meters. 3,168,981, 2–9–65, Cl. 235—58.

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Elliott, Eugene W., and Gray. 3,183,811.
Gray, Edward F., ½ to A. V. Oberholtzer. Safety closure caps for aspirin and medical containers. 3,173,565, 3–16–65, Cl. 215—9.
Gray, Edward W.: *See*—
Crissinger, Woodrow W., and Gray. 3,175,060.
Gray, Edward W., to North Electric Co. Cable harness production apparatus. 3,163,926, 1–5–65, Cl. 29—203.
Gray, Edward W. Cable harness assembly apparatus. 3,169,305, 2–16–65, Cl. 29—203.
Gray, Elway P.: *See*—
Neubarth, William R. 3,165,007.
Gray, G. A., Co., The: *See*—
Walter, John M. 3,165,009.
Gray, George W., to Radio Corp. of America. Detection apparatus. 3,222,637, 12–7–65, Cl. 340—38.
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Hanson, William, Jr., and Gray. 3,199,660.
Gray, Graham A. Method of severing a section of meat from a large suspended body thereof. 3,210,802, 10–12–65, Cl. 17—45.
Gray, Homer A. ½ to Apsco Mfg. Corp., and ½ to Air-O-Matic Power Steer Corp. Power steering system. 3,199,414, 8–10–65, Cl. 91—372.
Gray, Hubert M. Drainpipe cleaning apparatus. 3,171,150, 3–2–65, Cl. 15—104.12.
Gray, James H., to Tupelo Spindle Co., Inc. Cotton scrapper means. 3,164,940, 1–12–65, Cl. 56—28.
Gray, James H., to Tupelo Spindle Co., Inc. Cotton picking spindle. 3,225,528, 12–28–65, Cl. 56—50.
Gray, James L., to Sperry Rand Corp. Fluid pulse generator. 3,202,180, 8–24–65, Cl. 137—625.15.
Gray, John J. Ventilated plastered soffit construction. 3,174,421, 3–23–65, Cl. 98—37.
Gray, John W.: *See*—
Goldman, David A., Gray, Hayek, and Morger. 3,192,513.
Gray, John W., to General Precision, Inc. Transistor pulse generating circuit of alternately opposite polarities. 3,192,401, 6–29–65, Cl. 307—88.5.
Gray, John W., to General Precision, Inc. Signal-to-noise ratio detector. 3,204,119, 8–31–65, Cl. 307—88.5.
Gray, John W., to General Precision, Inc. Frequency measuring circuit utilizing transistors to switch capacitor currents through an indicator. 3,209,253, 9–28–65, Cl. 324—78.
Gray, John W., and N. L. Du Bois, to General Precision, Inc. Autopilot employing earth inductor compass. 3,167,698, 1–26–65, Cl. 318—28.
Gray, Joseph B.: *See*—
Gee, Robert E., Gray, and Hippely. 3,172,736.
Gray, Joseph E., and R. Y. Mosher, to The Norwich Pharmacal Co. Antimycotic compositions comprising chloromethyl 5-nitro-2-furyl ketone. 3,164,521, 1–5–65, Cl. 167—64.
Gray, Landon R., to Solaray Industries, Inc. Reflecting device for displays. 3,166,863, 1–26–65, Cl. 40—138.
Gray, Lanier. Folding ladder. 3,208,553, 9–28–65, Cl. 182—24.
Gray, Nancy R.: *See*—
Idol, James D., Jr., Greene, and Gray. 3,202,697.
Gray, Philip J., to The Sippican Corp. Modular electrical assembly. 3,177,405, 4–6–65, Cl. 317—101.
Gray, Philip M. J., to Metallurgical Processes Ltd. and The National Smelting Co. Ltd., d.b.a. Metallurgical Development Co. Treatment of arsenical drosses. 3,171,735, 3–2–65, Cl. 75—24.
Gray, Reed A., and H. G. Streim, to Stauffer Chemical Co. Method for stabilizing soil sterilizing composition. 3,179,511, 4–20–65, Cl. 71—2.7.
Gray, Reginald I. Low pass inverter. 3,185,913, 5–25–65, Cl. 321—49.
Gray, Reuben F. Endless track vehicle. 3,204,714, 9–7–65, Cl. 180—6.7.
Gray, Robert A., Jr., to Mueller Brass Co. Multi-way valve unit having particular O-ring valve and seat structure. 3,198,211, 8–3–65, Cl. 137—625.4.
Gray, Robert E., to Crouse-Hinds Co. Molded plastic box and cover. 3,193,132, 7–6–65, Cl. 220—60.
Gray, Robert H.: *See*—
Talbot, Ralph E. C., and Gray. 3,208,129.
Gray, Robert H., to Preferred Growth Capital, Inc. Self setting cam hook. 3,173,645, 3–16–65, Cl. 248—361.
Gray, Robert H., to Preferred Growth Capital, Inc. Winch brake. 3,182,962, 5–11–65, Cl. 254—186.
Gray, Robin, to Chloride Batteries Ltd. Lead-acid electric accumulators. 3,175,930, 3–30–65, Cl. 136—182.
Gray, Ronald E. Pneumatic conveyor. 3,206,255, 9–14–65, Cl. 302—52.
Gray, Roy A.: *See*—
Crain, Donald L., and Gray. 3,176,049.
Gray, Roy A., to Phillips Petroleum Co. Preparation of esters of cyclotriene hydrocarbons. 3,192,251, 6–29–65, Cl. 260—487.
Gray, Roy A., and J. E. Mahan, to Phillips Petroleum Co. Conversion of cyclotriene compounds. 3,185,739, 5–25–65, Cl. 260—666.
Gray, Ruben L. Portable heating apparatus. 3,190,012, 6–22–65, Cl. 34—151.
Gray, Thomas E. H.: *See*—
Jones-Hinton, James, and Gray. 3,196,488.
Jones-Hinton, James, and Gray. 3,207,821.
Gray, Thomas J., to Xerox Corp. Method for a production of a xerographic plate. 3,174,855, 3–23–65, Cl. 96—1.
Gray, Thomas J., to Phillips Petroleum Co. Supported noble metal catalyst. 3,210,296, 10–5–65, Cl. 252—466.
Gray, Tommy L., to General Electrodynamics Corp. Weighing apparatus. 3,191,701, 6–29–65, Cl. 177—209.
Gray Tool Co.: *See*—
Watts, John D. 3,210,098.
Watts, John D. 3,216,746.
Watts, John D., and Slack. 3,202,216.
Watts, John D., and Slack. 3,202,217.
Watts, John D. and Slack 3,202,218.
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Burhans, William G., and Gray. 3,167,507.
Gray, Willard F. M., and R. O. Moser, to General Electric Co. Method of making foil wound electrical coils. 3,170,225, 2–23–65, Cl. 29—155.57.
Gray, William C. Building block sealing construction. 3,186,130, 6–1–65, Cl. 50—370.
Gray, William F.: *See*—
Horner, Charles R., and Gray. 3,169,188.
Gray, William L., to E. I. du Pont de Nemours and Co. Process for the preparation of a purified potassium silicate solution. 3,184,289, 5–18–65, Cl. 23—110.
Graybeal, Warren E., and W. C. Smith. Semi-automatic conveyor control system. 3,223,255, 12–14–65, Cl. 214—11.
Graybill, Paul J. Dispensing containers having double layered tuck-tab and opposing marginal tuck-slots. 3,187,977, 6–8–65, Cl. 229—17.
Graybill, Paul J. Dispensing container with tucklock-tab. 3,187,978, 6–8–65, Cl. 229—17.

Grayleau, Didier: *See*—
Huber, Harry, Duval, and Grayleau. 3,207,423.
Grayling State Bank: *See*—
Hauch, John. 3,209,740.
Graymills Corp.: *See*—
Hollis, Raymond, and Scheibe. 3,199,745.
Grayson, Martin, P. T. Keough, and M. M. Rauhut, to American Cyanamid Co. Phosphonium salts and derivatives. 3,214,434, 10–26–65, Cl. 260—306.7.
Grayson, Richard D., to International Telephone and Telegraph Corp. Water heater control. 3,198,432, 8–3–65, Cl. 236—21.
Grayson, Richard D., to International Telephone and Telegraph Corp. Control device for temporarily altering the temperature setting of a thermostat. 3,203,258, 8–31–65, Cl. 74—3.5.
Grazen, Alfred E., to Platecraft of America, Inc. Apparatus for producing composite electroplated articles. 3,168,457, 2–2–65, Cl. 204—212.
Great Atlantic & Pacific Tea Co., The: *See*—
Van Vliet, Jacob W., and Emerick. 3,164,311.
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Bopp, Cecil W. 3,190,685.
Bopp, Cecil W. 3,199,685.
Greathouse, Arthur B., to Esso Research and Engineering Co. Haze meter. 3,202,826, 8–24–65, Cl. 250—218.
Greathouse, Walton D.: *See*—
McGlasson, Robert L., Landers, Greathouse, and Gould. 3,210,655.
Great Lakes Carbon Corp.: *See*—
Juel, Leslie H. 3,168,509.
Kennedy, Harvey T., Crawford, and Hancock. 3,168,139.
Le Baron, Robert. 3,202,619.
Martin, Samuel W., and Shea. 3,173,769.
Mueller, Albert J., and Wills. 3,226,208.
Shea, Frederick L., Jr., and Martin. 3,171,720.
Triska, Alfred A. 3,190,745.
Triska, Alfred A. 3,190,746.
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Belohlav, Leo R., and Underhill. 3,222,276.
Great Northern Equipment Co.: *See*—
Pardee, Richard H. 3,177,922.
Great Northern Railway Co.: *See*—
Amundson, La Verne R. 3,205,974.
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Leitzel, Ammon M. 3,224,569.
Great Western Sugar Co., The: *See*—
Walters, George E. 3,194,193.
Greaves, Jerry J.: *See*—
Biglin, Joseph M., and Greaves. 3,208,836.
Greaves, Melvin J., to Arthur G. McKee & Co. Method and apparatus for manufacture of pellets or the like. 3,190,743, 6–22–65, Cl. 75—5.
Greaves, Melvin J., T. Werner, and R. E. Touzalin, to Kaiser Steel Corp. Material cooling apparatus. 3,168,384, 2–2–65, Cl. 34—168.
Greaves, Melvin J., A. W. Babb, and F. J. R. Dicks, to Arthur G. McKee & Co. Reciprocable conveyor. 3,184,037, 5–18–65, Cl. 198—89.
Greaves, Thomas C.: *See*—
Long, Everett, Greaves, and Knight. 3,194,741.
Greaves, Thomas C., and P. Orszak, to The English Electric Co. Ltd. Charging apparatus for nuclear reactors. 3,205,142, 9–7–65, Cl. 176—30.
Grebe, Alfred H., to Allied Control Co., Inc. Insulated actuator for movable electrical contact. 3,183,334, 5–11–65, Cl. 200—166.
Grebe, Alfred H., to Allied Control Co., Inc. Polarized electromagnetic relay. 3,198,995, 8–3–65, Cl. 317—172.
Grebe, John J., and J. F. Miller, to The Dow Chemical Co. Method for production of metal fabrications. 3,201,228, 8–17–65, Cl. 75—65.
Greber, Henry. Circuit breaker having arc extinguishing medium of granulated insulating material which includes a lubricant to decrease friction between elements thereof. 3,213,251, 10–19–65, Cl. 200—149.
Greber, Henry. Lightning arrester. 3,223,893, 12–14–65, Cl. 317—65.
Grebner, Fritz. Form arrangement for casting transverse connecting members in a concrete girder ceiling. 3,178,856, 4–20–65, Cl. 50—293.
Grebner, Fritz, and G. Spindler. Method of manufacturing a lattice girder. 3,173,193, 3–16–65, Cl. 29—155.
Grebner, Fritz, W. Koelsch, and W. Lauterbach, to Rheinbau G.m.b.H. Apparatus for producing a girder. 3,198,219, 8–3–65, Cl. 140—112.
Grebon Holdings Ltd.: *See*—
Bonniksen, Cyril W. 3,197,459.
Greby, Daniel F., to Textron Inc. Antifriction screw and nut assembly. 3,192,791, 7–6–65, Cl. 74—424.8.
Greby, Daniel F., to Textron Inc. Roller bearing assembly. 3,205,029, 9–7–65, Cl. 308—217.
Greck, Alois: *See*—
Grandi, Gianfranco, Greck, and Sterk. 3,208,128.
Greco, Carl C., to Stauffer Chemical Co. Heterocyclic organotin compounds. 3,201,408, 8–17–65, Cl. 260—299.
Greco, Frank, to Singer Co. of Canada Ltd. Thread cut-off device. 3,186,367, 6–1–65, Cl. 112—252.
Greco, Guido, to Montecatini, Societa Generale pour l'Industria Mineraria e Chimica. Gas mixer apparatus. 3,194,264, 7–13–65, Cl. 137—556.
Greco, Nicholas P., to Koppers Co., Inc. Norcamphoric acid manufacture. 3,206,503, 9–14–65, Cl. 260—514.
Greco, Peter F., and H. Piorunneck, to Burndy Corp. Printed circuit board connector. 3,176,261, 3–30–65, Cl. 339—176.
Greco, Ralph to Formflex Foundations, Inc. Foundation garment. 3,213,855, 10–26–65, Cl. 128—528.
Greczin, John, to The Singer Co. Method and apparatus for reinforcing flexible hose. 3,201,954, 8–24–65, Cl. 66—9.
Greding, Robert, to Dominion Engineering Works, Ltd. Winders and rewinders for paper machines. 3,178,125, 4–13–65, Cl. 242—66.
Gredy, Laurent: *See*—
Hendershot, Charles E. 3,177,855.
Greear, George R.: *See*—
Devaney, Richard G., Greear, and Tamblyn. 3,194,782.
Greear, George R., and J. W. Tamblyn, to Eastman Kodak Co. Printable polyethylene containing oxidized thermally degraded polyethylene. 3,222,431, 12–7–65, Cl. 260—897.
Greecen Ltd.: *See*—
Welland, John E. T. 3,201,037.
Greek, Eldon V. Bathroom fixture. 3,200,544, 8–17–65, Cl. 52—27.
Greeley, Edward M., and R. N. Stenerson, to Carrier Corp. Corrosion inhibition. 3,200,604, 8–17–65, Cl. 62—85.
Green, A. P., Fire Brick Co.: *See*—
Crookston, James A., Boyer, and Hodges. 3,187,694.
Crookston, James A., Boyer, and Hodges. 3,208,412.
Green, Alwin C., to General Electric Co. High pressure metal vapor discharge lamp. 3,226,597, 12–28–65, Cl. 315—60.
Green, Andrew T.: *See*—
Rich, Howard B., and Green. 3,209,799.
Green, Arpad: *See*—
Arcamone, Federico, di Marco, Ghione, Pennella, and Green. 3,170,837.
Green, Bernard J. and M. J. Shipping and dispensing carton. 3,217,873, 11–16–65, Cl. 206—65.
Green, Brian N.: *See*—
Craig, Robert D., and Green. 3,226,542.
Green, Brian N., to Associated Electrical Industries Ltd. Mass spectrometer ion collector with a secondary particle collecting electrode extending over the collector. 3,192,383, 6–29–65, Cl. 250—41.9.
Green, Calvin, and J. D. Walk, to Owens-Illinois Glass Co. Apparatus for forming molten glass in cylindrical form. 3,194,645, 7–13–65, Cl. 65—167.
Green, Charles E. Mosaic construction for electroacoustical cylindrical transducers. 3,177,382, 4–6–65, Cl. 310—8.7.
Green, Charles E., to United States of America, Navy. Interleaved electroacoustical transducer. 3,182,284, 5–4–65, Cl. 340—10.
Green, Charles P., to E. I. du Pont de Nemours and Co. Process for improving the properties of a compacted form of sodium cyanide crystals. 3,206,278, 9–14–65, Cl. 23—79.
Green, Daniel A., to Mine Safety Appliances Co. Power circuit control device. 3,192,451, 6–29–65, Cl. 317—157.
Green, David S., to Standard Pressed Steel Co. Squareness gauge. 3,199,204, 8–10–65, Cl. 33—174.
Green, Derek, to United Kingdom Atomic Energy Authority. Forming of materials by extrusion. 3,203,217, 8–31–65, Cl. 72—265.
Green, Duane L., to E. I. du Pont de Nemours and Co. Process for dyeing polypropylene filaments containing inorganic alkaline earth metal compounds with 1-aminoanthraquinone dyes and the product obtained thereby. 3,198,596, 8–3–65, Cl. 8—39.
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Parris, Cyril W. 3,189,087.
Green, Edward: *See*—
Smith, Frederick J., and Green. 3,215,233.
Green, Edward H. Atomizer head for use with low-expansion gaseous propellants. 3,174,692, 3–23–65, Cl. 239—337.
Green, Edward H. Variable spray control for an aerosol dispenser. 3,188,008, 6–8–65, Cl. 239—337.
Green, Edward H. Variable spray rate aerosol valve. 3,206,082, 9–14–65, Cl. 222—394.
Green, Edward H. Pressurized package with variable spray rate and means to prevent relative rotation. 3,209,960, 10–5–65, Cl. 222—394.
Green, Edward H. Indicating plate for spray canisters. 3,212,718, 10–19–65, Cl. 239—394.
Green, Eric, to National Research Council. Weighing scale for unstable mounting. 3,174,567, 3–23–65, Cl. 177—219.
Green, Evert S. Plant container. 3,193,970, 7–13–65, Cl. 47—38.1.
Green, Evert S. Planter. 3,220,144, 11–30–65, Cl. 47—38.1.
Green, Farno L., to General Motors Corp. Shutter controlled radiographic exposure unit. 3,177,364, 4–6–65, Cl. 250—105.
Green, Frank T., and W. I. Smith, to Noble Mfg. Co., Inc. Automatic shotgun. 3,171,225, 3–2–65, Cl. 42—17.
Green, Gene L.: *See*—
Becker, Otto, Bosco, Gain, and Green. 3,208,723.
Cain, Earl S., Jr., Green, Smith, and Baccus. 3,180,135.
Green, Geoffrey D., to Western Electric Co., Inc. Spring connector for making electrical connection to a circuit member. 3,185,805, 5–25–65, Cl. 200—166.
Green, Geoffrey D., and H. F. Runge, to Western Electric Co., Inc. Apparatus for indexing work parts. 3,164,028, 1–5–65, Cl. 74—365.

Green, George A. and R. H. Rechargeable gas candle. 3,165,-909, 1–19–65, Cl. 67—87.
Green, Graydon D., to Rockwell Mfg. Co. Meter index compensator. 3,216,253, 11–9–65, Cl. 73—233.
Green, Harold A., to Air Products and Chemicals, Inc. Synthetic polymeric hydrocarbon compositions stabilized with an arylmethylene ether of dialkylphenol compound. 3,193,-526, 7–6–65, Cl. 260—45.95.
Green, Harold A., to Air Products and Chemicals, Inc. Ultraviolet absorbers. 3,205,083, 9–7–65, Cl. 106—176.
Green, Harold D., to United States Steel Corp. Mold coating and method of pouring ingots. 3,212,145, 10–19–65, Cl. 22—192.
Green, Harold H., and R. R. Lee, to Dunlop Rubber Co. Ltd. Apparatus for the fluidizing heat treatment of sheet material. 3,174,230, 3–23–65, Cl. 34—95.
Green, Homer T., and R. A. Lawton, to The Parker Pen Co. Fountain pen. 3,185,135, 5–25–65, Cl. 120—50.
Green, Hugh M.: *See*—
Green, William P., R. M. and H. M. 3,190,032.
Green, James B. Utility belt. 3,212,690, 10–19–65, Cl. 224—26.
Green, James C.: *See*—
Frenzel, Carl J., and Green. 3,208,638.
Green, James W. Ornamental watch, portrait and plaque stand. 3,191,901, 6–29–65, Cl. 248—116.
Green, Joe T., to United States of America, Atomic Energy Commission. Leak valve. 3,222,026, 12–7–65, Cl. 251—5.
Green, John I. T., to The British Iron and Steel Research Assn. Positioning systems. 3,170,341, 2–23–65, Cl. 74—822.
Green, John M.: *See*—
Arp, Leon J., and Green. 3,202,893.
Arp, Leon J., and Green. 3,202,895.
Green, Joseph: *See*—
Cohen, Murray S., Green, Karlan, and Mayes. 3,183,216.
Green, Joseph. Game bat with swing-responsive sounding means. 3,173,688, 3–16–65, Cl. 273—72.
Green, Joseph, to Miner Industries, Inc. Device for making noise by the puncturing of inflated balloons. 3,204,369, 9–7–65, Cl. 46—88.
Green, Joseph, and B. Groten, to Thiokol Chemical Corp. Reaction products of decaborane with alkenyl pyridine. 3,190,863, 6–22–65, Cl. 260—88.3.
Green, Joseph, and B. Groten, to Thiokol Chemical Corp. Process for reacting lower alkyl decaborane with alkyl diamines and products thereof. 3,203,995, 8–31–65, Cl. 260—583.
Green, Joseph, M. M. Fein, and M. Israel, to Thiokol Chemical Corp. Reaction product of a rubber and a poly nitrile decaborane. 3,201,377, 8–17–65, Cl. 260—85.3.
Green, Joseph, B. Groten, and M. M. Fein, to Thiokol Chemical Corp. Decaborane-olefinic amine reaction products. 3,214,466, 10–26–65, Cl. 260—551.
Green, Joseph G.: *See*—
Dean, George A., Green, and Henderson. 3,193,700.
Green, Kelvin D., to Parker-Hannifin Corp. Tube coupling. 3,216,747, 11–9–65, Cl. 285—110.
Green, Leon, Jr. Means and method of utilizing solar energy. 3,203,167, 8–31–65, Cl. 60—26.
Green, Louis E., Jr., and J. C. Winters, to Standard Oil Co. Analysis by gas chromatography and apparatus therefor. 3,169,389, 2–16–65, Cl. 73—23.1.
Green, Louis H. Truck-mounted spraying mechanism. 3,219,-275, 11–23–65, Cl. 239—172.
Green, Lowell J., to North Electric Co. Current supply apparatus. 3,200,328, 8–10–65, Cl. 323—89.
Green, Marshall S.: *See*—
Baxter, Joseph, Jr., Corbin, Green, Martin, and Rojecki. 3,215,594.
Green, Marshall S., to The Black-Clawson Co. Headbox for twin wire paper making apparatus. 3,215,593, 11–2–65, Cl. 162—301.
Green, Martin, ½ to J. Cornelia, Jr. Work bench scaffold and lift combination. 3,225,864, 12–28–65, Cl. 182—144.
Green, Marvin T., to Chicago Show Printing Co. Animated display. 3,174,243, 3–23–65, Cl. 40—139.
Green, Mavis J., to H. E. Bovay, Jr., Consulting Engineers. Automatic apparatus for sawing logs to desired lengths. 3,186,453, 6–1–65, Cl. 143—47.
Green, Melvin E., and C. H. Derrickson, to American Screen Process Equipment Co. Printing and drying apparatus. 3,182,589, 5–11–65, Cl. 101—40.
Green, Milton: *See*—
Blout, Elkan R., Cohler, Green, and Woodward. 3,209,-016.
Blout, Elkan R., Green, Rogers, and Simon. 3,208,991.
Green, Milton, to Polaroid Corp. Reductive amination of ketones. 3,187,047, 6–1–65, Cl. 260—570.8.
Green, Milton, to Polaroid Corp. Hydroquinone diacetamide azo compounds. 3,201,384, 8–17–65, Cl. 260—160.
Green, Milton, to Polaroid Corp. Hydroquinonylsulfonyl azo dye developers. 3,218,312, 11–16–65, Cl. 260—162.
Green, Milton, and H. G. Rogers, to Polaroid Corp. Color diffusion transfer process, element and composition therefor. 3,173,786, 3–16–65, Cl. 96—3.
Green, Milton, and H. G. Rogers, to Polaroid Corp. Azo dyes. 3,173,906, 3–16–65, Cl. 260—162.
Green, Milton, and H. G. Rogers, to Polaroid Corp. Mono azo dyes. 3,186,982, 6–1–65, Cl. 260—202.
Green, Milton, and W. E. Solodar, to Polaroid Corp. Process for the preparation of amino-methyl-phenols. 3,187,049, 6–1–65, Cl. 260—580.
Green, Milton, and W. E. Solodar, to Polaroid Corp. Nitro and aminophenoxylhydroquinones and the esters and ethers thereof. 3,188,343, 6–8–65, Cl. 260—479.
Green, Milton, H. P. Husek, and S. Kasman, to Polaroid Corp. Dihydroxyphenylalkanoic acid amide derivatives. 3,214,-469, 10–26–65, Cl. 260—559.
Green, Milton, and L. E. Rubin, to Polaroid Corp. Novel photographic processes, compositions and products. 3,218,-164, 11–16–65, Cl. 96—29.
Green, Milton, and H. G. Rogers, to Polaroid Corp. Photographic products, compositions and processes employing azo dye developers. 3,222,169, 12–7–65, Cl. 96—29.
Green, Milton J.: *See*—
Clock, Philip T., White, and Green. 3,186,122.
Green, Bernard J. and M. J. 3,217,873.
Green, Milton W., to Radio Corp. of America. Memory systems. 3,181,126, 4–27–65, Cl. 340—173.1.
Green, Milton W., to Stanford Research Institute. Cryogenic neuristor employing inductance means to control superconductivity. 3,218,482, 11–16–65, Cl. 307—88.5
Green, Reginald, to The United Steel Cos. Ltd. Apparatus for use in controlling a rolling mill. 3,177,346, 4–6–65, Cl. 235—151.
Green, Richard: *See*—
Kraft, William M., and Green. 3,223,715.
Green, Richard, to Tenneco Chemicals, Inc. Stabilization of polyacetals. 3,204,014, 8–31–65, Cl. 260—895.
Green, Richard J.: *See*—
Borger, Jack W., Vander, and Green. 3,189,388.
Vander Linden, Frank A., and Green. 3,194,144.
Green, Richard M., to Phillips Petroleum Co. Fractional crystallization apparatus including recycle control. 3,198,-607, 8–3–65, Cl. 23—273.
Green, Robert C.: *See*—
Schatz, Ralph H., Tegge, Green, and Nadler. 3,197,519.
Green, Robert H.: *See*—
Green, George A. and R. H. 3,165,909.
Green, Rose M.: *See*—
Green, William P., R. M. and H. M. 3,190,032.
Green, Rowland P., to Stothert & Pitt, Ltd. Variable amplitude vibratory unit for vibratory machines. Re. 25,861, 9–21–65, Cl. 94—48.
Green, Rowland P., and H. R. Cowley, to Stothert & Pitt, Ltd. Transit mixer. 3,190,621, 6–22–65, Cl. 259—177.
Green, Rowland P., to Stothert & Pitt Ltd. Vibrating rollers. 3,225,669, 12–28–65, Cl. 94—50.
Green, Sherwood. Mobile platform incorporating elevationally adjustable conveyor. 3,168,205, 2–2–65, Cl. 214—84.
Green, Sydney J., and P. J. Nicholl, to Brown and Williamson Tobacco Corp. Production of tobacco smoking materials. 3,203,432, 8–31–65, Cl. 131—140.
Green, Theron R., to Motor Ads, Inc. Advertising device for taxis and the like. 3,224,129, 12–21–65, Cl. 40—129.
Green, Tord D.: *See*—
Ekberg, Gustaf E., and Green. 3,221,738.
Green, William F.: *See*—
McKee, Herbert H., and Green. 3,208,379.
Green, William F., to Special Devices, Inc. Closure arrangement. 3,172,716, 3–9–65, Cl. 339—19.
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Greene, Janice L., and J. D. Idol, Jr., to The Standard Oil Co. Adduct of cyclo-butane-1,2-dicyanide with sulfuric acid monohydrate and method of making same. 3,202,695, 8–24–65, Cl. 260—464.

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Greiner, Richard A., to Gisholt Machine Co. Asymmetrical binary counter. 3,185,819, 5–25–65, Cl. 235—92.
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Gremillion, Roland, to Gremillion Bros., Inc. Cotton picker bar resizing tool assembly. 3,169,568, 2–16–65, Cl. 153—32.
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Grenander, Per G. R. G., and S. E. Philip, to Bofors, Aktiebolaget. Armor-piercing projectile with hard core. 3,213,792, 10–26–65, Cl. 102—52.
Grenda, Victor J., to Merck & Co., Inc. Methods of preparing benzimidazoles. 3,206,468, 9–14–65, Cl. 260—302.
Grenell, David, 50% to R. Grenell, and 50% to S. Hirschberg. Micrometer adjusted sine bar. 3,195,238, 7–20–65, Cl. 33—174.
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Grener, Richard A., to Gisholt Machine Co. Constant power dissipating circuit. 3,177,372, 4–6–65, Cl. 307—88.5.
Grenet, Jean B., to Societe des Usines Chimiques Rhone-Poulenc. Palladium-tin catalysts. 3,192,168, 6–29–65, Cl. 252—473.
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Grengs, Aloysius F. and S. A. Rescue craft. 3,176,647, 4–6–65, Cl. 115—1.
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Grengs, Aloysius F. and S. A. 3,176,647.
Grenier, Aime J., to Texas Instruments Inc. Center pivoted armature electromagnetic switching mechanisms. 3,192,-340, 6–29–65, Cl. 200—87.
Grenier, Maurice, to l'Air Liquide, Societe Anonyme Pour l'Etude et l'Exploitation des Procedes Georges Claude. Process for cooling a gas mixture to a low temperature. 3,218,816, 11–23–65, Cl. 62—26.
Grenier, Richard P. Underwater spear gun. 3,210,880, 10–12–65, Cl. 43—6.
Grenon, Michel: *See*—
Berthod, Louis, and Grenon. 3,164,174.
Gres, Marcel E., G. W. Wood, and N. M. Schaeffer, to United States of America, Navy. Remote control depth charge pistol setting system. 3,169,477, 2–16–65, Cl. 102—16.
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Gresham Driving Aids: *See*—
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Gresham, George S., J. L. Webster, and L. B. Barker, to Reynolds Metals Co. Interconnected panel constructions. 3,186,525, 6–1–65, Cl. 189—34.
Gresham, Lee M., to Gresham Driving Aids. Left foot accelerator structure. 3,224,294, 12–21–65, Cl. 74—562.5.
Gresham, Leroy Q.: *See*—
Leathers, William D., and Gresham. 3,165,155.
Leathers, William D., and Gresham. 3,216,502.
Gresham, Paul J. Flush tank valve. 3,187,348, 6–8–65, Cl. 4—57.
Greshel, Leonard J., and G. E. Bosler, to North Electric Co. Relay structure with improved armature pivot. 3,198,909, 8–3–65, Cl. 200—104.
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Greth, Gerald G., and J. E. Wilson, to Atlas Chemical Industries, Inc. Method of emulsion polymerization. 3,226,-375, 12–28–65, Cl. 260—89.1.
Grether, Tobias, and J. Bermann, to Consolidated Thermoplastics Co. Synthetic levee. 3,218,810, 11–23–65, Cl. 61—12.
Grether, Tobias H., and J. Bermann, to Consolidated Thermoplastics Co. Apparatus for positioning fluid barriers. 3,182,459, 5–11–65, Cl. 61—63.
Greto, Joseph. Removable protective cover for water fixtures. 3,199,121, 8–10–65, Cl. 4—191.
Gretter, Clemens J. Fastening means. 3,171,232, 3–2–65, Cl. 50—481.
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Milton, Walter H., and Greubel. 3,225,419.
Greubel, Paul W., to Interchemical Corp. Method for planographic printing. 3,167,005, 1–26–65, Cl. 101—149.2.
Greubel, Paul W., to Interchemical Corp. Planographic printing plate. 3,209,683, 10–5–65, Cl. 101—149.2.
Greubel, Paul W., to Interchemical Corp. Planographic printing improvements. 3,221,650, 12–7–65, Cl. 101—149.2.
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Greulich, Gerald G. Method of making prestressed concrete pavement. 3,182,109, 5–4–65, Cl. 264—228.
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Greulich, Gerald G., to The Ceco Corp. Prestressed concrete slab construction. 3,195,277, 7–20–65, Cl. 50—128.
Greulich, Gerald G., and T. A. Airplane transporter vehicle. 3,211,425, 10–12–65, Cl. 254—2.
Greulich, Robert G., to The Singer Co. Sewing machine driving devices. 3,224,398, 12–21–65, Cl. 112—220.
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Greunke, Richard L., and L. Thayne, to Martin-Marietta Corp. Voltage level monitoring device. 3,219,842, 11–23–65, Cl. 307—88.5.
Greuter, Andre, and A. Korom, to Gesellschaft zur Forderung der Forschung an der Eidg Techn. Hochshule. Electric pocket or wrist-watch. 3,221,487, 12–7–65, Cl. 58—23.
Greuter, Juliette E. Tub spout diverter with fixed and flexible shower heads. 3,182,336, 5–11–65, Cl. 4—148.
Greve, Horst E., and H. Hornschuch, to Ingersoll-Rand Co. Temperature-responsive coupling means. 3,193,068, 7–6–65, Cl. 192—82.
Grevenstuk, Anton B., and F. J. J. Hoogesteger, to North American Philips Co., Inc. Method of forming free flowing particles, containing a biologically valuable substance. 3,202,731, 8–24–65, Cl. 264—7.
Grevich, John J., and S. D. Denker, to Doughboy Industries, Inc. Trimming apparatus with divergent scrap removal. 3,191,474, 6–29–65, Cl. 83—107.
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Grey, David S., to Polaroid Corp. Automatic exposure control device. 3,205,795, 9–14–65, Cl. 95—10.
Grey, David S., to Polaroid Corp. Cinematographic method and apparatus. 3,218,114, 11–16–65, Cl. 352—44.
Grey, David S., and P. H. Mark, to Polaroid Corp. Photosensitive transducer having predetermined output response. 3,179,808, 4–20–65, Cl. 250—209.
Grey, Jerry. Calorimetric probe. 3,167,956, 2–2–65, Cl. 73—190.
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Grgetic, Edward F., to General Electric Co. Lamp bulb feeding mechanism. 3,194,389, 7–13–65, Cl. 198—209.
Gribbin, Walter. Vertical shaft kilns for sintering particulate materials and method of operating. 3,171,637, 3–2–65, Cl. 263—29.
Gribble, Donald J., and H. E. Bennett, to AG Pro Inc. Dairy establishment. 3,223,070, 12–14–65, Cl. 119—16.
Gribble, Joseph J., to Square D Co. Contact construction with metallic contact members and auxiliary metallic arc suppressant conducting members. 3,166,660, 1–19–65, Cl. 200—166.
Gribble, Maurice W., and R. Naylor, to Ferranti Ltd. Information storage devices. 3,176,275, 3–30–65, Cl. 340—173.
Gribble, Maurice W., and K. C. Johnson, to Ferranti, Ltd. Information storage devices. 3,218,613, 11–16–65, Cl. 340—173.
Grieb, Donald L. Dome building construction. 3,192,668, 7–6–65, Cl. 50—52.
Grieb, Hubert J., to Daimler-Benz Aktiengesellschaft. Gas turbine drive unit. 3,186,166, 6–1–65, Cl. 60—39.16.
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Grieder, Conrad J. Reinforced concrete highway structures. 3,196,764, 7–27–65, Cl. 94—31.
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Grieg, Donald D., to Electronic Research Associates, Inc. Dual transducer device. 3,212,056, 10–12–65, Cl. 340—9.
Griehl, Wolfgang, and H. Luckert, to Inventa A.G. fur Forschung und Patentverwertung. Process for the manufacture of high-molecular linear copolyesters. 3,172,873, 3–9–65, Cl. 260—47.
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Griesen, Bertus, to Fabriek van Electrische Apparaten voorheen F. Hazemeijer & Co., N.V. Switch with pole plates having a separation of non-magnetizable material. 3,202,-783, 8–24–65, Cl. 200—87.
Grieshaber, Albin. Friction gear. 3,182,519, 5–11–65, Cl. 74—191.
Grieshaber Emil W., and D. J. Newman, to Minnesota Mining and Mfg. Co. Printing processes including size reduction of graphic intelligence. 3,223,526, 12–14–65, Cl. 96—46.
Grieshaber, Gunther S., R. J. O'Mara, and H. George, to Pass & Seymour, Inc. Angle type swivelling cord grip. 3,209,-306, 9–28–65, Cl. 339—103.
Grieshaber, Herman R. Blade-removing tool. 3,172,316, 3–9–65, Cl. 81—3.
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Griesmer, James H., J. P. Roth, and E. G. Wagner, to International Business Machines Corp. Error correction device utilizing spare substitution. 3,170,071, 2–16–65, Cl. 307—88.5.
Griessel, Richard W., to General Electric Co. Getter operating at various temperatures to occlude various gases. 3,167,678, 1–26–65, Cl. 313—180.
Griest, Edward M., to Corning Glass Works. Method of making an encapsulated impedance element. 3,220,097, 11–30–65, Cl. 29—155.69.
Griest, Edward M., and W. H. Tarcza, to Corning Glass Works. Electrical resistor. 3,217,281, 11–9–65, Cl. 338—309.
Grieves, Gordon, and B. A. Holden, to Burgess Products Co. Ltd. Illuminated push-button-type electric switches. 3,209,111, 9–28–65, Cl. 200—167.
Griffin, Anthony L., and E. G. Chetwynd. Bottle with self-contained drinking straw. 3,220,587, 11–30–65, Cl. 215—1.
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Griffin, Gary W., to American Cyanamid Co. Photodimerization of maleic anhydride. 3,203,886, 8–31–65, Cl. 204—158.
Griffin, Gary W., to American Cyanamid Co. Photodimerization of fumaronitrile. 3,203,973, 8–31–65, Cl. 260—464.
Griffin, George C. Window structure. 3,208,110, 9–28–65, Cl. 20—52.
Griffin, Gerald R. Low-pressure and safety cut-in switch. 3,171,264, 3–2–65, Cl. 62—209.
Griffin, James H. Built-in insecticide distribution system. 3,209,485, 10–5–65, Cl. 43—124.
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Griffin, John T., to Griffwood, Inc. Method of sawmilling. 3,204,675, 9–7–65, Cl. 144—326.
Griffin, Karl L. Synthetic and natural fiber inked ribbon substrate material. 3,176,820, 4–6–65, Cl. 197—172.
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Daugherty, Charles C. 3,224,874.
Griffin, William F., to Radio Corp. of America. Apparatus for processing a plurality of articles or materials. 3,172,-244, 3–9–65, Cl. 53—86.
Griffin, William F., to Radio Corp. of America. Multigrid electron tube and method of assembly thereof. 3,192,428. 6–29–65, Cl. 313—260.
Griffin, William L. Lawn mower cleaner. 3,214,893, 11–2–65, Cl. 56—25.4.
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Griffith, Clifford J., to International Harvester Co. Loader attachment for tractors. 3,171,554, 3–2–65, Cl. 214—140.
Griffith, Clifford J., and W. L. Peterson, to International Harvester Co. Loader. 3,207,341, 9–21–65, Cl. 214—140.
Griffith, Earl G. Conveyor delivery system. 3,212,623, 10–19–65, Cl. 198—38.
Griffith, Edward J., to Monsanto Co. Double nitrate salts and methods for their preparation. 3,173,756, 3–16–65, Cl. 23—102.
Griffith, George L., and F. B. Wells, to Trojan Powder Co. Tamping plug for boreholes. 3,173,368, 3–16–65, Cl. 102—30.
Griffith, George L., to Trojan Powder Co. Blasting cap with field-attached lead wires. 3,179,050, 4–20–65, Cl. 102—28.
Griffith, George L., to Trojan Powder Co. Canister for cast primer. 3,183,836, 5–18–65, Cl. 102—24.
Griffith, George L., to Trojan Powder Co. Method for packaging explosives. 3,216,307, 11–9–65, Cl. 86—20.
Griffith, George L., and T. P. Dowling, to Trojan Powder Co. Waterproof package for explosives. 3,200,743, 8–17–65, Cl. 102—24.
Griffith, George W. S., and B. Wilson, to The General Electric Co. Ltd. Equipment frame mounting travelling wave tube and related apparatus. 3,189,792, 6–15–65, Cl. 317—99.
Griffith, Harold W., to International Minerals & Chemical Corp. Separation of acetylglutamine. 3,206,506, 9–14–65, Cl. 260—527.
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Griffith, Joseph W. Electron beam multiplication tube. 3,226,594, 12–28–65, Cl. 315—8.5.
Griffith Laboratories, Inc., The: *See*—
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Sair, Louis. 3,193,396.
Sair, Louis, and Griffith. 3,164,479.
Sair, Louis, and Papaps. 3,206,275.
Sair, Louis, and Reschke. 3,164,480.
Griffith, Llewellyn B. Pond water circulator, aerator, and foam formation eliminator. 3,169,921, 2–16–65, Cl. 210—170.
Griffith, Owen S. Grass mower attachment for edge-trimming. 3,197,950, 8–3–65, Cl. 56—255.
Griffith, Ray E., and R. E. Kessler, to The Standard Oil Co. Liquid sampling apparatus. 3,201,995, 8–24–65, Cl. 73—422.
Griffith, Raymond C. Hydraulic pumps. 3,225,701, 12–28–65, Cl. 103—161.
Griffith, Robert B., R. R. Johnson, and A. D. Quinn, to Brown & Williamson Tobacco Corp. Organoleptically improved tobacco product. 3,174,485, 3–23–65, Cl. 131—17.
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Griffiths, Derek J., to Burroughs Corp. Tape apparatus. 3,204,845, 9–7–65, Cl. 226—199.
Griffiths, Henry W., to The Magnavox Co. Magneto-optical transducer using a magnetic thin film. 3,196,206, 7–20–65, Cl. 178—6.6.
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Blomgren, Oscar C., Sr., Munck, Griffiths, and Blomgren. 3,224,497.
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Griffin, John T. 3,204,675.
Grifo, Richard A., to General Aniline & Film Corp. Low foaming detergent. 3,215,633, 11–2–65, Cl. 252—152.
Griger, Otto. Rotary piston machine. 3,190,228, 6–22–65, Cl. 103—130.
Grigger, John C., and H. C. Miller, to Pennsalt Chemicals Corp. Subzero temperature fuel and rocket ignition process. 3,213,610, 10–26–65, Cl. 60—35.4.
Griggs, Flavil H. Trotline fishing reel. 3,201,890, 8–24–65, Cl. 43—27.4.
Griggs, Glenn E., and C. T. Roessler, to Jennings Radio Mfg. Corp. Notary stepping relay with radial spaced contacts and actuator means. 3,206,562, 9–14–65, Cl. 200—6.
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Grill, William A., to General Mills, Inc. Apparatus for applying liquid to micro-module. 3,172,781, 3–9–65, Cl. 118—211.
Grillo, Joseph, to General Precision Inc. Voltage regulator with frequency multiplication detector means. 3,184,673, 5–18–65, Cl. 322—28.
Grillo, Salvatore J., to United States of America, Navy. Meteorological rocketsonde. 3,194,067, 7–13–65, Cl. 73—170.
Grim, Daniel E., F. A. Kunz, and R. C. Gauerke. Link and shackle insert. 3,224,185, 12–21–65, Cl. 59—86.
Grim, Earl D., Jr., to Radio Corp. of America. Fiber optic load positioner. 3,173,018, 3–9–65, Cl. 250—227.
Grim, Howard G., to Midvale-Heppenstall Co. and Heppenstall Co. Method of making cleaner alloy steels or the like. 3,201,224, 8–17–65, Cl. 75—13.
Grimes, Arthur S., R. S. Hunter, and J. A. Tillinghast. Steam generator unit control system. 3,211,135, 10–12–65, Cl. 122—406.
Grimes, Charles, 25% each to C. and D. L. Bregoff, J. J. Byrne, and T. P. Petrovich. Marine mooring device. 3,177,838. 4–13–65, Cl. 114—230.
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Grimes, George R., to American Metal Climax, Inc. Rabble tooth. 3,175,809, 3–30–65, Cl. 259—126.
Grimes, John J., Jr., W. A. Lucht, and R. T. Woodbury, to United States Steel Corp. Locked coil cable and method of making same. 3,188,791, 6–15–65, Cl. 57—145.
Grimes, Kenneth D., and W. C. Dunnington, to Metamora Electronics Corp. Miniature electric switch. 3,225,168, 12–21–65, Cl. 200—159.
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Grimes, Milton J., to Radio Corp. of America. Container for an electrical component. 3,187,083, 6–1–65, Cl. 174—50.5.
Grimes, Will H. Brush rake comprising a plurality of ground engaging runners with a traverse blade secured to the front surface thereof. 3,195,247, 7–20–65, Cl. 37—2.
Grimes, Willard M., Jr., to Westinghouse Electric Corp. Automatic current regulator. 3,165,571, 1–12–65, Cl. 13—1.
Grimes, William S., to Orchard Paper Co. Cellulose with adhesive spots on both sides thereof in non-registering relationship as insulating material for electrical apparatus. 3,203,823, 8–31–65, Cl. 117—38.
Grimm, Clayton L., to A. O. Smith Corp. Key controlled switch arrangement. 3,206,567, 9–14–65, Cl. 200—44.
Grimm, David W., and J. Rath, to Kaynar Mfg. Co., Inc. Snap-out fastener and channel assembly. 3,164,191, 1–5–65, Cl. 151—41.71.
Grimm, Donald F., to H. A. Fromson. Method of producing a double-walled tube with one of the tubes having integral therewith projecting fin means radially separating the tubes. 3,173,196, 3–16–65, Cl. 29—157.3.
Grimm, Donald K., to Collins Radio Co. A.C. detector circuit. 3,188,495, 6–8–65, Cl. 307—88.5.
Grimm, Harold W. Sickle bar outer shoe. 3,216,184, 11–9–65, Cl. 56—314.
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Grimm, Otto, to Röhm & Haas G.m.b.H. Method for preparing tannable depilated hides. 3,203,868, 8–31–65, Cl. 195—6.
Grimm, Paul W., to Spokane Steel Foundry Co. Dock rope anchor. 3,190,253, 6–22–65, Cl. 114—218.
Grimm, Phillip R., to The Dole Valve Co. Pressurized constant flow dispenser valve. 3,179,294, 4–20–65, Cl. 222—67.
Grimm, Wilhelm, and G. Gollasch, to Telefunken Aktiengesellschaft. Dosimeter charging unit. 3,193,749, 7–6–65, Cl. 320—1.
Grimme, Brooks H., Jr., to United States of America, Army. Automatic switch controller. 3,215,865, 11–2–65, Cl. 307—92.
Grimmeiss, Hermann G., R. Memming, and H. Koelmans, to North American Philips Co., Inc. Gas heating and cooling in the manufacture of semiconductor devices. 3,194,700, 7–13–65, Cl. 148—186.
Grimmeiss, Hermann G., and H. Koelmans, to North American Philips Co., Inc. Electro-optical semiconductor device with superlinear recombination radiation source. 3,217,169, 11–9–65, Cl. 250—217.
Grimmer, George G., to Otis Engineering Corp. Pressure operated sleeve valve and operator. 3,211,232, 10–12–65, Cl. 166—194.
Grimmer, George G. and H. B. Schramm, deceased (by J. Schramm, executrix), to Otis Engineering Corp. Shifting tool for valves. 3,185,219, 5–25–65, Cl. 166—215.
Grimone, Frank H., to Sylvania Electric Products Inc. Electron discharge device with a single piece cathode support. 3,181,022, 4–27–65, Cl. 313—270.
Grimone, Frank H., to Sylvania Electric Products Inc. Preformed and prestressed strap frame grid. 3,223,879, 12–14–65, Cl. 313—348.
Grimshaw, Charles, to General Electric Co. Condition responsive electric switch mechanism. 3,177,321, 4–6–65, Cl. 200—140.
Grimshaw, Lloyd. Grills for cooking food. 3,183,823, 5–18–65, Cl. 99—445.
Grimshaw, Norman, to Vitafoam Ltd. Resilient cushion. 3,208,085, 9–28–65, Cl. 5—345.
Grimshaw, Norman, to Vitafoam Ltd. Seating pad. 3,222,696, 12–14–65, Cl. 5—355.
Grimshaw, Norman, to Vitafoam Ltd. Cushion supporting members. 3,225,366, 12–28–65, Cl. 5—236.
Grimsinger, Raymond C.: *See*—
Stephens, Roy K., and Grimsinger. 3,171,796.
Grimsley, Arvid K.: *See*—
Schultz, Robert S., and Grimsley. 3,191,806.
Grimsley, Arvid K., to American Can Co. Container dispensing device. 3,186,608, 6–1–65, Cl. 222—554.
Grimson Color Inc.: *See*—
Rosin, Seymour, and Bryant. 3,178,510.
Grinde, George H. Dip stick heater. 3,171,015, 2–23–65, Cl. 219—205.
Grinde, Kenneth: *See*—
Feldman, Neville J. L. 3,181,158.
Grindheim, Earl A.: *See*—
Werner, Frank D., Grindheim, and Sadler. 3,201,575.
Gringer, Donald, to Allway Mfg. Co., Inc. Knife handle with adjustable blade. 3,192,624, 7–6–65, Cl. 30—162.
Gringorten, Baruch I. Scarf toques. 3,178,726, 4–20–65, Cl. 2—203.
Gringras, Michel, to Compagnie de Saint-Gobain. Method of and apparatus for molding reinforced plastics. 3,192,297, 6–29–65, Cl. 264—257.
Grinnell Corp.: *See*—
Boteler, Henry W. 3,198,205.
Boteler, Henry W., and Linker. 3,175,473.
Bray, Geddes A. 3,174,717.
Fain, Mitchell S. 3,179,034.
Kazarian, Haik R. 3,208,534.
Lamb, Charles F. 3,163,879.
Lamb, Charles F. 3,169,031.
Maguire, Philip F., Jr. 3,165,602.
Miner, George L., and Magson. 3,194,498.
Sherburne, Philip C. 3,167,286.
Simmons, Cecil E., and Rudniski. 3,182,441.
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Gowers, Donald S., and Grinsfelder. 3,213,016.
Grinstead, Robert R., to The Dow Chemical Co. Process for making salicylaldehydes. 3,173,956, 3–16–65, Cl. 260—600.
Gris, Celester S. Spinning reel line retainer. 3,164,334, 1–5–65, Cl. 242—84.1.
Grisar, Johann M., to Chas. Pfizer & Co., Inc. 2-chloro-9-[13-(4 carbamoyl-1-piperazinyl) propylidene] thioxanthene derivatives. 3,196,150, 7–20–65, Cl. 260—240.
Grisard, Jean J. A. and M. J. A. Partition with a metal framework. 3,190,407, 6–22–65, Cl. 189—34.
Grisard, Marcel J. A.: *See*—
Grisard, Jean J. A. and M. J. A. 3,190,407.
Grisbrook, Robert B. Motor-compressor unit. 3,178,102, 4–13–65, Cl. 230—139.
Griscom, Richard W., R. W. Ingwalson, and H. F. Reeves, Jr., to Velsicol Chemical Corp. Process of producing sucrose benzoates. 3,198,784, 8–3–65, Cl. 260—234.

Grisdale, Harry, and P. A. Simmons, to H. Alers Hankey, Ltd. Foam producing apparatus for mine fire fighting. 3,172,-477, 3–9–65, Cl. 169—2.
Grise, Frederick G. J. Cart having self winding reel. 3,168,-994, 2–9–65, Cl. 242—86.6.
Griset, Ernest J., Jr., to Ethicon, Inc. Simultaneous aldehyde, chrome and aromatic alcohol or quinone tannage of spun collagen fiber. 3,189,401, 6–15–65, Cl. 8—94.11.
Grishman, Simon, to William Gluckin & Co., Inc. Girdle with attached panty. 3,169,530, 2–16–65, Cl. 128—519.
Grishman, Simon, to William Gluckin & Co., Inc. Free edge waistband for girdles. 3,169,531, 2–16–65, Cl. 128—519.
Grishman, Simon, to William Gluckin & Co., Inc. Panty girdle with relatively movable front panels. 3,169,532, 2–16–65, Cl. 128—528.
Grishman, Simon, to William Gluckin & Co., Inc. Panty girdle with independent relatively movable front portions. 3,169,533, 2–16–65, Cl. 128—528.
Grishman, Simon, to William Gluckin & Co., Inc. Panty-type girdle with relatively movable front panels. 3,169,-534, 2–16–65, Cl. 128—528.
Grishman, Simon, to William Gluckin & Co., Inc. Panty girdle. 3,176,693, 4–6–65, Cl. 128—528.
Grishman, Simon, to William Gluckin & Co., Inc. Garment comprising relatively adjustable girdle and panty body parts. 3,192,930, 7–6–65, Cl. 128—519.
Grisso, Paul W., to Baltimore Business Forms, Inc. Bound data-card sets. 3,179,441, 4–20–65, Cl. 282—24.
Grist, Franklin J., to Miller Electric Mfg. Co. Supply voltage compensation. 3,225,290, 12–21–65, Cl. 323—89.
Griswold, Arthur W. Flexible waterproof traction pad. 3,202,358, 8–24–65, Cl. 238—14.
Griswold, Augustus W.: *See*—
Woodward, Bernard, Jr., and Griswold. 3,209,575.
Griswold, Charles J., Jr., to General Motors Corp. Detent means for a movable operating member. 3,171,644, 3–2–65, Cl. 268—126.
Griswold, Charles J., Jr., to General Motors Corp. Closure latch. 3,201,164, 8–17–65, Cl. 292—280.
Griswold, David E., to D. G. Griswold. Automatic control means for a water softener system. 3,190,446, 6–22–65, Cl. 210—126.
Griswold, David E., to D. G. Griswold. Automatic control system for single tank sand filter. 3,207,312, 9–21–65, Cl. 210—141.
Griswold, David E., to Donald G. Griswold. Valves and automatic controls. 3,217,653, 11–16–65, Cl. 103—40.
Griswold, David E., to Donald G. Griswold. Fluid blending systems and control means therefor. 3,217,883, 11–16–65, Cl. 210—101.
Griswold, Donald G., M. M. Chard, F. K. Wyckoff, and W. S. Grau. Backflow prevention device. 3,173,439, 3–16–65, Cl. 137—107.
Griswold, Donald G.: *See*—
Ensign, Harold W. 3,179,293.
Griswold, David E. 3,190,446.
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Griswold, David E. 3,217,883.
Reese, James R. 3,177,891.
Reese, James R. 3,205,907.
Settles, John D. 3,217,835.
Settles, John D., Usab, and Wyckoff. 3,218,378.
Griswold, Hector W.: *See*—
Harmon, Carlyle, and Griswold. 3,183,137.
Griswold, Hector W., to Johnson & Johnson. Sheet materials. 3,223,575, 12–14–65, Cl. 161—83.
Griswold, Merle H.: *See*—
Wallace, John G., and Griswold. 3,206,212.
Griswold, Ray F.: *See*—
Cox, Robert M., and Griswold. 3,223,104.
Griswold, William J.: *See*—
Trombatore, Sam S., and Griswold. 3,216,410.
Grittidge, Walter, to General Electric Co. Electron discharge devices and circuit component stacked assembly. 3,176,186, 3–30–65, Cl. 315—59.
Grivory, Gabriel: *See*—
Margot, Jean, and Grivory. 3,189,922.
Grivsky, Eugene: *See*—
Walton, Eric, Ruffell, Grivsky, and Wood. 3,168,562.
Grizzle, Joseph E., Jr. Shock absorber for vehicle seats. 3,190,592, 6–22–65, Cl. 248—20.
Groak, Josef. Manufacture of magnetic records. 3,170,044, 2–16–65, Cl. 179—100.2.
Groak, Josef, to L. Farrer-Brown. System for reproduction of record images. 3,177,287, 4–6–65, Cl. 178—5.6.
Grob & Co. Aktiengesellschaft: *See*—
Koch, Bernhard. 3,187,780.
Koch, Bernhard. 3,221,777.
Munch, Walter. 3,209,789.
Grob & Tesker Corp.: *See*—
Grob, Theodore, and Tesker. 3,178,857.
Grob, Theodore, and D. H. Tesker, to Grob & Tesker Corp. Drill grinding method and apparatus. 3,178,857, 4–20–65, Cl. 51—33.
Grob, Willy. Yarn guide means for bobbin change mechanisms. 3,194,278, 7–13–65, Cl. 139—247.
Grobel, Lloyd P., to General Electric Co. Dynamoelectric machine electrical collector assembly using liquid metal. 3,168,666, 2–2–65, Cl. 310—219.
Grober, Johann C.: *See*—
Knippers, Gustav, and Grober. 3,198,720.
Grobey, Paul A., to Bryant Chucking Grinder Co. Grinding machine having cross feed table and wheelslide. 3,192,674, 7–6–65, Cl. 51—50.
Grobin, Allen W., Jr., to International Business Machines Corp. Superconductive solder. 3,184,303, 5–18–65, Cl. 75—134.
Grobman, Jack: *See*—
Childs, James H., Rayle, and Grobman. 3,199,343.
Grobman, William, I. Kestenbaum, and H. W. Moser, to Samuel M. Langston Co. Roll lift shaft mounting. 3,175,-779, 3–30–65, Cl. 242—58.6.
Grobowski, Ben T., to The E. T. Rugg Co. Combination liquid container and filling and draining conduit. 3,181,745, 5–4–65, Cl. 222—539.
Grochowski, Walter Z., to United States Steel Corp. Apparatus for positioning a hot top in an ingot mold. 3,193,-887, 7–13–65, Cl. 22—31.
Grodesky, Donald J.: *See*—
Raider, George K., and Grodesky. 3,176,604.
Grodzinsky, Samuel, and M. N. Kaufman, to United States of America, Navy. Screw noise simulation technique. 3,165,734, 1–12–65, Cl. 340—384.
Grody, Donald R. Paper cutting machine with counter controlled stacking means. 3,182,537, 5–11–65, Cl. 83—88.
Groebe, John L., to Phillips Petroleum Co. Activation procedure for hydrogenation catalysts. 3,178,373, 4–13–65, Cl. 252—459.
Groebe, John L., and J. H. Randall, to Phillips Petroleum Co. Fluid-solids contacting. 3,211,537, 10–12–65, Cl. 23—288.
Groendycke, Alan R., to Hughes Aircraft Co. Tunnel diode shift register. 3,226,571, 12–28–65, Cl. 307—88.5.
Groenweghe, Leo C. D., to Monsanto Co. Processes for polymerizing alpha-halothionophosphinic halides. 3,206,442, 9–14–65, Cl. 260—79.
Groenweghe, Leo C. D., to Monsanto Co. Preparation of phosphines and phosphonium halides. 3,223,737, 12–14–65, Cl. 260—606.5.
Groesbeck, Charles H. Arm slings. 3,215,138, 11–2–65, Cl. 128—94.
Groetschel, Karl M. Cantilever bar comprising and end portion adapted for securement. 3,216,168, 11–9–65, Cl. 52—632.
Groetschel, Karl M. Advancing supporting device for walking mine-supporting constructions. 3,217,498, 11–16–65, Cl. 61—45.
Groetzner, Kurt, to Robert Bosch, G.m.b.H. Dynamic brake for a compound motor control system. 3,184,666, 5–18–65, Cl. 318—381.
Groff, Ellsworth E. Outdoor cooking appliances. 3,195,531, 7–20–65, Cl. 126—30.
Groff, Emory L., and C. T. Walker, to Poor & Co. Rail anchor and method of making same. 3,193,201, 7–6–65, Cl. 238—330.
Groff, William M., E. D. Gibson, and R. C. Powers, to ACF Industries, Inc. High speed synchronous digital data transmission. 3,204,029, 8–31–65, Cl. 178—68.
Grogan, Charles H., to Tri-Kem Corp. Aminospirocarboalicyclic compounds. 3,214,470, 10–26–65, Cl. 260—563.
Grogan, Charles H., and L. M. Rice, to Geschickter Fund for Medical Research. Spirocyclic hydrazine imides. 3,200,-118, 8–10–65, Cl. 260—247.2.
Grogan, George D. Stairclimbing wheelchair. 3,178,193, 4,13,65, Cl. 280—5.26.
Groginsky, Herbert L., to Raytheon Co. Resolution improvement devices. 3,223,999, 12–14–65, Cl. 343—17.1.
Groh, William J., to The Bendix Corp. Process of threading an opening. 3,195,155, 7–20–65, Cl. 10—1.
Grohl, Edmund. Electrostatic flocking device including vibrating electrode. 3,211,129, 10–12–65, Cl. 118—638.
Grohoski, Edward G., to The Hartford Special Machinery Co. Feed device for thread rolling machines and the like. 3,191,423, 6–29–65, Cl. 72—428.
Grohs, Felix: *See*—
Dobrowsky, Ferdinand, Grohs, Kuhnelt, and Rosner. 3,218,157.
Groll, Alvin F. Cradle mechanism with cone type coil supports. 3,172,614, 3–9–65, Cl. 242—78.6.
Groll, Alvin F. Crank throw adjusting means. 3,216,277, 11–9–65, Cl. 74—600.
Groll, Herbert P. A. Fractionation of oils by selective extraction. 3,186,938, 6–1–65, Cl. 208—316.
Groll, Thomas F., Jr.: *See*—
Altscher, Siegfried, and Groll. 3,172,750.
Altscher, Siegfried, and Groll. 3,192,193.
Liebling, Raymond, and Groll. 3,215,635.
Grolmann, Wilhelm, E. Koss, and W. Schlueter, to Eisenwerk Rothe Erde G.m.b.H., Firma. Anti-friction bearing. 3,208,-806, 9–28–65, Cl. 308—199.
Grom, Joseph A.: *See*—
Holloway, Robert L., and Grom. 3,223,572.
Groman, Robert H., to Eutectic Welding Alloys Corp. Method for joining sheet metal. 3,169,309, 2–16–65, Cl. 29—471.7.
Groman, Robert H., J. F. Quaas, and R. D. Wasserman, to Eutectic Welding Alloys Corp. Method and composition for welding cast iron. 3,196,537, 7–27–65, Cl. 29—487.
Grommes, John. Golf ball cleaner. 3,221,355, 12–7–65, Cl. 15—160.
Gron, Nicholas. Driving mechanism for machines. 3,196,700, 7–27–65, Cl. 74—110.
Gronbach, Wilhelm. Spring-loaded hinge for balancing the weight of a wing, lid or the like. 3,204,287, 9–7–65, Cl. 16—163.
Gronberg, Anton B. Harvesters. 3,167,898, 2–2–65, Cl. 56—23.

Grondin, George F., to Collins Radio Co. Large gap data communication system. 3,193,801, 7–6–65, Cl. 340—172.5.
Grondin, Stanley T. Holder for boxed cleansing tissues. 3,168,275, 2–2–65, Cl. 248—205.
Gröne, Heinz: *See*—
Malz, Hugo, Bayer, Roos, Göbel, and Gröne. 3,172,871.
Wagner, Annemarie, Bayer, Suling, and Grone. 3,193,536.
Gronegress, Hans W., to Paul Ferd. Peddinghaus, Firma. Apparatus for the hardening and tempering of workpieces. 3,186,699, 6–1–65, Cl. 266—4.
Gronemeier, Howard J., to Raytheon Co. Sweep amplitude control for deflection circuit. 3,219,874, 11–23–65, Cl. 315—27.
Gronemeyer, Erich W.: *See*—
Kutik, Louis F. 3,214,777.
Groner, Edward L., and C. L. Boyd, to Halliburton Co. Flowmeter. 3,164,020, 1–5–65, Cl. 73—231.
Gronholz, Le Roy F., D. K. Owens, and C. R. Price, to E. I. du Pont de Nemours and Co. Metal articles having smooth semi-spheroidal indentations. 3,177,558, 4–13–65, Cl. 29—121.
Grönkvist, Lars R., and I. T. Ornlinde. Drawing filing arrangements. 3,169,812, 2–16–65, Cl. 312—190.
Gronlund, Ernst H. Boat support. 3,221,899, 12–7–65, Cl. 214—1.
Gronvold, George B. Coffee brewing method. 3,181,951, 5–4–65, Cl. 99—71.
Groody, Harold J., to Beckman Instruments, Inc. Fine wire clamp. 3,171,709, 3–2–65, Cl. 339—259.
Groom, William H., to Bayuk Cigars Inc. Group assembling apparatus. 3,182,819, 5–11–65, Cl. 214—6.
Grooms, Franklin H.: *See*—
Apking, Arthur F., and Grooms. 3,179,828.
Groot, Cornelis: *See*—
Vos, Johna M., Schuursma, and Groot. 3,202,687.
Groot, John K., to Wilson Athletic Goods Mfg. Co., Inc. Helmet supporting structure. 3,183,522, 5–18–65, Cl. 2—6.
Groove & Welter: *See*—
Wiesmann, Heinrich. 3,174,690.
Groov-Pin Corp.: *See*—
Braendel, Felix W., and Bosse. 3,185,343.
Groppell, Eugene. Hatch cover arrangement. 3,169,502, 2–16–65, Cl. 114—202.
Grosbois, Marcel, and G. Billon, to Compagnie Francaise Thomson-Houston. Dual independent channel wave guide system incorporating rotating joint. 3,164,789, 1–5–65, Cl. 333—6.
Grosbois, Marcel, and G. Billon, to Compagnie Francaise Thomson-Houston. Junction between circular wave-guide and two rectangular wave-guides of different polarizations. 3,201,717, 8–17–65, Cl. 333—9.
Grosch, Oscar J., and R. de Boer, to North American Philips Co., Inc. Transistor circuits for switching high currents through an inductive load. 3,213,295, 10–19–65, Cl. 307—88.5.
Groschke, Evelyn: *See*—
McLaughlin, Elizabeth R., and Groschke. 3,190,541.
Groschopp, Herbert G.: *See*—
Thunberg, Sigurd F., and Groschopp. 3,221,223.
Grosclaude, Rene, and P. Andrey, to Laboratories Vifor S.A. Apparatus for the fabrication of containers made from plastic material. 3,216,176, 11–9–65, Cl. 53—191.
Grose, Ansel B. Fuel control valve. 3,180,354, 4–27–65, Cl. 137—436.
Grose, Robert W., to Independence Foundation, and Koppers Co., Inc. Process for recovery of titania values. 3,218,-131, 11–16–65, Cl. 23—202.
Grosfillex, Raymond, to Societe a responsabilite limitee dite Grosfillex Freres. Injection press for over-moulding decorative pattern in plastic material on ready-made plastic articles. 3,210,804, 10–12–65, Cl. 18—5.
Grosjean, Marc, A. Lacam, and M. Legrand, to Rousselucflaf, Societe Anonyme. Registering spectro-polarimeter. 3,164,662, 1–5–65, Cl. 88—14.
Grosklos, Rill L., to American Cyanamid Co. Anhydrous auramine solution and preparation thereof. 3,209,027, 9–28–65, Cl. 260—566.
Grosmangin, Jacques, and G. F. Aubin, to Compagnie Francaise de Raffinage. Polymerization of di-olefins. 3,224,-949, 12–21–65, Cl. 204—154.
Gross, Albert, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. N'-[1-phenyl-propyl-(2)]-N''-[phenyl-pyridyl-(2)]-ethylene diamine. 3,192,222, 6–29–65, Cl. 260—296.
Gross, Albert, and K. Thiele, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Process for the production of azaphenothiazines carrying a substituent on the pyridine nucleus. 3,200,116, 8–10–65, Cl. 260—243.
Gross, Albert H., to H. K. Porter Co., Inc. Cable way connectors. 3,173,521, 3–16–65, Cl. 189—36.
Gross, Arthur, and H. Ringelmann, to Vereinigte Aluminium-Werke. Method of removing sulfates from cryolite containing the same. 3,194,641, 7–13–65, Cl. 23—312.
Gross, Arthur R. Control system for change-making mechanism in vending machines and the like. 3,185,281, 5–25–65, Cl. 194—2.
Gross, Buckley S. Sportsman's accessory. 3,217,332, 11–16–65, Cl. 2—16.
Gross, Clarence E., to Curtis Mfg. Co. Fitting for tubes. 3,174,778, 3–23–65, Cl. 285—341.
Gross, Daniel D., ⅙ each to M. L. Tolmach, G. Dominich, and A. Levey. Fuel burner nozzle. 3,168,131, 2–2–65, Cl. 158—76.
Gross, Dunstan S., to Friden, Inc. Split multiplication mechanism for calculating machine. 3,207,430, 9–21–65, Cl. 235—63.
Gross, Erika: *See*—
Blanke, Rolf, and Gross. 3,210,252.
Gross, Frank C. Apparatus for and method of carton erection. 3,185,046, 5–25–65, Cl. 93—36.01.
Gross, Frank J.: *See*—
Shaw, John T., Gross, and Van Loo. 3,206,328.
Gross, Frank J., to American Cyanamid Co. Novel antifouling compositions. 3,197,314, 7–27–65, Cl. 106—15.
Gross, George P., to Esso Research and Engineering Co. Psychrometric wet-bulb water supply system. 3,196,683, 7–27–65, Cl. 73—338.
Gross, Henry and S. Cash registers and like adding machines. 3,186,637, 6–1–65, Cl. 235—6.
Gross, Horst H., and K. Linders, to Schloeman Aktiengesellschaft. Extrusion presses. 3,175,384, 3–30–65, Cl. 72—263.
Gross, Howard H., and A. R. Goldsby, to Texaco Development Corp. Alkylation process. 3,175,023, 3–23–65, Cl. 260—683.62.
Gross, Hyland H.: *See*—
Finnerty, John A. 3,176,310.
Gross, Irving M., to Portchester Instrument Corp. (a subsidiary of Premier Microwave Corp.). Solderless waveguide coupling. 3,221,279, 11–30–65, Cl. 333—98.
Gross, James A.: *See*—
Boyle, Robert J., and Gross. 3,197,280.
Gross, James A., and B. G. Mandelik, to Chemical Construction Corp. Concentration of sulfuric acid pickle liquor. 3,211,538, 10–12–65, Cl. 23—300.
Gross, James R.: *See*—
Bertea, Octavian, Gross, and Seagle. 3,205,070.
Gross, Jenoe, to Sealomatic Electronics Corp. Heat sealing and vacuum operated die cutting device. 3,205,114, 9–7–65, Cl. 156—380.
Gross, Jerome R., to Dravo Corp. Speed reducing gear. 3,174,353, 3–23–65, Cl. 74—413.
Gross, John J.: *See*—
Goda, Kermit J., Jr., and Gross. 3,192,039.
Goda, Kermit J., Jr., and Gross. 3,192,040.
Gross, Josef: *See*—
Law, Harold B., Thomas, and Gross. 3,188,507.
Messineo, Paul J., and Gross. 3,164,737.
Gross, Joseph, to Potter Instrument Co., Inc. Printer magnet core. 3,196,783, 7–27–65, Cl. 101—109.
Gross, Joseph, and E. M. Fielding, to Chic Maid Hat Mfg. Co., Inc. Headwear construction. 3,173,147, 3–16–65, Cl. 2—14.
Gross, Michael H., to The Marconi Co. Ltd. Arrangement for automatically providing frequency equality between two given signals. 3,177,443, 4–6–65, Cl. 331—12.
Gross, Paul: *See*—
Pitzer, Kenneth H. 3,192,820.
Gross, Reinhold J., to United States of America, Air Force. Reformed parachute recovery apparatus. 3,173,637, 3–16–65, Cl. 244—152.
Gross, Reinhold J., to United States of America, Air Force. Parachute stability improvements. 3,218,007, 11–16–65, Cl. 244—145.
Gross, Robert: *See*—
Gittler, Allan, and Gross. 3,173,536.
Gross, Robert, and C. Schleicher. Spectacle frame with detachable ornamental brow-bars. 3,179,950, 4–20–65, Cl. 351—52.
Gross, Robert D., and G. Garbarini, to Sperry Rand Corp., Ford Instrument Co. Division. Digital to analog continuous rotation servo. 3,196,429, 7–20–65, Cl. 340—347.
Gross, Robert H., and C. M. McPhee, to The Gates Rubber Co. Tire tread. 3,224,483, 12–21–65, Cl. 152—187.
Gross, Robert T., and R. K. Lehne, to Colgate-Palmolive Co. Aqueous or alcoholic-aqueous lower olefin-maleic anhydride-vinyl crotonate cosmetic compositions. 3,215,603, 11–2–65, Cl. 167—87.
Gross, Samuel: *See*—
Gross, Henry and S. 3,186,637.
Gross, Seymour, to United States of America, Navy. Deep submergence type buoys. 3,178,736, 4–20–65, Cl. 9—8.
Gross, Urban E., Jr., and A. I. Weinstein, to Aerojet-General Corp. Cryogenic means for cooling detectors. 3,170,306, 2–23–65, Cl. 62—165.
Gross, Wayne: *See*—
Effinger, William L., Jr., Struck, and Gross. 3,204,368.
Gross, William A., to Ampex Corp. Fluid film bearing. 3,212,829, 10–19–65, Cl. 308—5.
Grossberg, Marc E. Mouth protector. 3,211,143, 10–12–65, Cl. 128—136.
Grosse, Aristid V.: *See*—
Kirshenbaum, Abraham D., Stokes, and Grosse. 3,170,-282.
Grosse, Maurice, ½ to A. Carson. Devices for the production of multiple images. 3,205,598, 9–14–65, Cl. 40—106.52.
Grosselfinger, Robert A., F. E. Bolliger, and E. A. Nussbaumer, to The Garrett Corp. Control system. 3,174,529, 3–23–65, Cl. 158—36.
Grossen, Harry W.: *See*—
Bell, Kenneth, and Grossen. 3,217,944.
Grosser, Frederick, M. R. Leibowitz, and A. S. Wood, to General Aniline & Film Corp. Terpolymers. 3,222,329, 12–7–65, Cl. 260—80.5.
Grosser, Harry W., ½ to S. A. Weeks. Truck clearance light. 3,196,266, 7–20–65, Cl. 240—8.2.

Grossfield, Karl, to National Research Development Corp. Diaphragms. 3,204,568, 9–7–65, Cl. 103—150.
Grosshans, Georges F.: *See*—
Ollier, Jacques G. H., Grosshans, and Masson. 3,196,590.
Ollier, Jacques H. G., Grosshans, and Masson. 3,214,-797.
Grossi, Lewis G., to Alto Co. Transfer mechanism for bread, rolls and the like. 3,168,958, 2–9–65, Cl. 214—309.
Grosskinsky, Otto: *See*—
Benning, Anton, and Grosskinsky. 3,173,947.
Grosskopf, Karl, to O. H. Drager. Gas detection and pump therefor. 3,223,487, 12–14–65, Cl. 23—254.
Grossman, Abraham, to Aluminum Extrusion Co. Closure with longitudinally movable sash. 3,208,111, 9–28–65, Cl. 20—52.2.
Grossman, George J., Jr., to Texaco Inc. Information retrieval system for logging while drilling. 3,209,323, 9–28–65, Cl. 340—18.
Grossman, Jack J., to Hughes Aircraft Co. Controlled epitaxial crystal growth by focusing electromagnetic radiation. 3,200,018, 8–10–65, Cl. 148—175.
Grossman, Robert M., to McGaw Laboratories, Inc. Sterile article package and method of making the same. 3,203,545, 8–31–65, Cl. 206—63.2.
Grossman, Stanley J. Differential inclined railway transit means. 3,221,507, 12–7–65, Cl. 61—67.
Grossmann, Günter, to Moenus A.G., Maschinenfabrik. Feeding device for band knife splitting machines. 3,165,912, 1–19–65, Cl. 69—10.
Grossmann, Hans, and H. Keller, to Durand & Huguein A.G. Process for dyeing aluminium oxide layers. 3,202,550, 8–24–65, Cl. 148—6.1.
Grossmann, Max: *See*—
Messwarb, Gunter, Orthner, Reuber, and Grossmann. 3,182,044.
Grossmann, Paul, to Matisa Materiel Industriel S.A., and Constructions Mecaniques S.A. Method of tamping the ballast of a railway track and device for the execution of this method. 3,190,234, 6–22–65, Cl. 104—12.
Grossmann, Paul, and P. Rhyner, to Ciba Ltd. 2-diphenyloxy-1-amino-4-amino or hydroxy-anthraquinone. 3,178,455, 4–13–65, Cl. 260—380.
Grossmann, Ugo C., to Phillips Petroleum Co. Gas liquefactions by multiple expansion refrigeration. 3,194,025, 7–13–65, Cl. 62—9.
Grossmann, Ugo C., to Phillips Petroleum Co. Recovery of natural gas liquids, helium concentrate, and pure nitrogen. 3,205,669, 9–14–65, Cl. 62—23.
Grossmann, Ugo C., and J. J. Moon, to Phillips Petroleum Co. Low-temperature, low-pressure separation of gases. 3,186,182. 6–1–65, Cl. 62—26.
Grossmith, Frederick, to Beecham Research Laboratories Ltd. Metal chelates of alpha-hydroxy-carboxylic acids and their preparation. 3,200,136, 8–10–65, Cl. 260—439.
Grossner, Erich: *See*—
Sangl, Michael, and Grossner. 3,205,439.
Grossnickle, Garold E., R. A. Elliott, and J. R. Williamson, to The Bendix Corp. Combined brake adjuster and torque limiter. 3,183,041, 5–11–65, Cl. 303—49.
Grosspietsch, Horst. H. Kaltenhauser, and O. Heuse, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for removing nitric oxide from gases containing unsaturated hydrocarbons. 3,192,009, 6–29–65, Cl. 23—3.
Grossteinbeck, Rolf, W. Schulze W. Willicks, H. Mindermann, and G. Tepel, to Battelle-Institut E.V. Method of making paper and non-woven fabric from synthetic fibres. 3,200,033. 8–10–65, Cl. 162—146.
Grostick, Norman L., to The Bin-Dicator Co. Rotary seal assembly. 3,175,831, 3–30–65, Cl. 277—84.
Grosvenor, Kenneth D. J., and M. M. Levy; said Grosvenor assor. to said Levy. Apparatus for presenting information. 3,218,921, 11–23–65, Cl. 88—28.
Grosvenor, William M., Jr., and W. Marcy, to American Sugar Co. Purification of liquids, such as sugar solutions, by treatment with an adsorbent. 3,194,683, 7–13–65, Cl. 127—46.
Grosz, Eugene. Ear clip. 3,170,212, 2–23–65, Cl. 24—252.
Grosz, Peter M. Bathtub toy. 3,213,565, 10–26–65, Cl. 46—91.
Grote Mfg. Co., The: *See*—
Grote, Walter F. 3,186,263.
Grote, Walter F., to The Grote Mfg. Co. Radiator cap remover. 3,186,263, 6–1–65, Cl. 81—3.1.
Groten, Barney: *See*—
Fein, Marvin M., and Groten. 3,203,985.
Green, Joseph, and Groten. 3,190,863.
Green, Joseph, and Groten. 3,203,995.
Green, Joseph, Groten, and Fein. 3,214,466.
Grotewold, Hans W.: *See*—
Willis, Beuford N., and Grotewold. 3,172,524.
Groth, Elden J.: *See*—
Kozlowski, Victor J., and Groth. 3,197,111.
Groth, Fred A., and P. Meisner, to Dynamics Corp. of America. Packaging machine. 3,221,472, 12–7–65, Cl. 53—184.
Groth, Hans F. A., to Burroughs Corp. Electrostatic drum printer. 3,184,749, 5–18–65, Cl. 346—74.
Groth, Rolf: *See*—
Kauer, Erhard, Groth, and Horster. 3,206,631.
Groth, Vernon C.: *See*—
Ellis, John G., Groth, and Hall. 3,182,864.
Groth, Willis G. Tube flaring machine. 3,170,502, 2–23–65, Cl. 153—81.
Groth, Willis G., to United States of America, National Aeronautics and Space Administration. Optical inspection apparatus. 3,185,023, 5–25–65, Cl. 88—14.
Grotheer, Norman C.: *See*—
Ligon, Elmer R., Johnson, and Grotheer. 3,201,094.
Grotnes, Eugene R., to Atlanta Grotnes Machine Co. Apparatus and method for reforming shells. 3,203,213, 8–31–65, Cl. 72—82.
Grotness, Gunnar, to Pneumatic-Hydraulic Development Co., Inc. Fluid power cylinder. 3,202,060, 8–24–65, Cl. 91—443.
Grotta, Henry M., and M. N. Lugasch, deceased (by P. T. Lugasch, heir), to Martin-Marietta Corp. 1,6-diazidocarbazole and method for making same. 3,180,874, 4–27–65, Cl. 260—315.
Grotz, Bernard J., Jr., W. E. Glausser, and J. E. Soehrens, to C. F Braun & Co Heat exchanger apparatus 3,180,408, 4–27–65, Cl 165—161.
Grotz, Glenn F., and M. J. Coyle, to United States of America, Army. Pulse generator employing plural pulse forming networks providing overlapped pulses to effect ripple cancellation. 3,189,837, 6–15–65, C. 328—162.
Grotz, Mike E. Retractable pickup truck bed cover. 3,202,-455, 8–24–65, Cl. 296—100.
Grout, Joseph R.: *See*—
Drinkwater, Donald J., and Grout. 3,191,874.
Grout, Russell A., to Standard-Thomson Corp. Support structure. 3,188,038, 6–8–65, Cl. 248—223.
Grove, Dwight L., to Grove Mfg. Co. Self-unloading forage vehicle. 3,214,049, 10–26–65, Cl. 214—519.
Grove, Kenneth J. Concrete flooring. 3,193,972, 7–13–65, Cl. 50—307.
Grove Mfg. Co.: *See*—
Grove, Dwight L. 3,214,049.
Grove, Marvin H., to M & J Engineering Co. Valve construction and method. 3,166.291, 1–19–65, Cl. 251—172.
Grove, Marvin H. Method for the manufacture of valve bodies. 3,172,193, 3–9–65, Cl. 29—157.1.
Grove, Marvin H. Gate valve body construction. 3,172,638, 3–9–65, Cl. 251—329.
Grove, Marvin H., to M & J Engineering Co. Gate valve body construction. 3,172,639, 3–9–65, Cl. 251—329.
Grove, Marvin H. Valve body with bolted rib construction. 3,173,652, 3–16–65, Cl. 251—329.
Grove, Marvin H. Gate valve construction. 3,203,442, 8–31–65, Cl. 137—315.
Grove, Marvin H. Valve construction. 3,222,028, 12–7–65, Cl. 251—327.
Grove, Thomas H., to National Distillers and Chemical Corp. Apparatus for measuring and controlling liquid viscosity. 3,173,438, 3–16–65, Cl. 137—92.
Grove Valve and Regulator Co.: *See*—
Anderson, John A. 3,198,483.
Bryant, Austin U. 3,170,478.
Bryant, Austin U. 3,173,647.
Bryant, Austin U. 3,173,649.
Bryant, Austin U. 3,198,481.
Bryant, Austin U. 3,204,929.
Bryant, Austin U., and Edwarde. 3,224,080.
Grover, Anson R., and R. E. Richardson, to Union Carbide Corp. Process for the production of 2,2-bis-(4-hydroxyphenyl) propane. 3,221,061, 11–30–65, Cl. 260—619.
Grover, Elliot B., to Goodyear Aerospace Corp. Method for weaving contoured thread connected dual wall inflatable fabric. 3,224,466, 12–21–65, Cl. 139—20.
Grover, La Var M. Ditching plow having movable sections. 3,206,879, 9–21–65, Cl. 37—98.
Grover, Lawrence L., to Texas Instruments Inc. Twin-T filter with feedback. 3,174,111, 3–16–65, Cl. 330—28.
Groves, Archie L., and G. W. Sherwin, to Pittsburgh Plate Glass Co. Glass partitioning apparatus. 3,205,740, 9–14–65, Cl. 83—71.
Groves, Eugene K. Base or pedestal for chairs, tables, stands and the like. 3,188,033, 6–8–65, Cl. 248—188.7.
Groves, James A.: *See*—
Bellows, Richard, and Groves. 3,217,789.
Groves, James D.: *See*—
Callow, Alan E., and Groves. 3,174,873.
Groves, James D., to British Titan Products Co. Ltd. Process for producing metal oxides. 3,215,496, 11–2–65, Cl. 23—202.
Groves, John A., to Adams Bros. Mfg. Co. Portable lantern. 3,210,537, 10–5–65, Cl. 240—38.
Groves, Katherine B.: *See*—
Smith, Walter H. B. 3,221,604.
Smith, Walter H. B. 3,222,808.
Groves, Martin V., and M. Mastromatteo, to Pul-Vac. Inc. Suction actuated head. 3,204,282, 9–7–65, Cl. 15—364.
Grow, Harry N., and R. G. Rohde, to Hamilton Mfg. Co. Student drafting table. 3,206,268, 9–14–65, Cl. 312—231.
Grow, Harry N., and L. A. Puls, to Hamilton Mfg. Co. Fume hood construction. 3,218,953, 11–23–65, Cl. 98—115.
Grow, Richard W.: *See*—
Birdsall, Charles K., and Grow. 3,202,867.
Growall, William H., and J. Wiseman. Recirculating system with reversible flow centrifugal pump. 3,220,553, 11–30–65, Cl. 210—108.
Growich, John A., Jr., and N. Deduck, to American Cyanamid Co. Tetracycline fermentation. Re. 25,840, 8–17–65, Cl. 195—80.
Grozinger, Hans R., to Daimler-Benz Aktiengesellschaft. Idling speed control system. 3,204,719, 9–7–65, Cl. 180—77.

Grubb, Bern B. Emergency patient supporting device. 3,164,850, 1–12–65, Cl. 5—81.
Grubb, George C.: *See*—
Friend, Leo, and Grubb. 3,192,731.
Grubb, George C., and K. F. Stephenson, Jr., to Pullman Inc. Acetylene purification. 3,201,920, 8–24–65, Cl. 55—48.
Grubb, Gunnar A., to Electrolux, Aktiebolaget. Absorption refrigeration apparatus. Re. 25,782, 5–18–65, Cl. 62—236.
Grubb, Henry M.: *See*—
Ehrhardt, Charles H., Moeller, and Grubb. 3,176,128.
Grubb, Henry M., and C. H. Ehrhardt, to Standard Oil Co. Regulated power supply for mass spectrometers. 3,207,-894, 9–21–65, Cl. 250—41.9.
Grubb, Walter C., Jr., to United States of America, Army. Radio direction finder. 3,217,327, 11–9–65, Cl. 343—113.
Grubb, William E., and J. S. Cave, to The Atlantic Refining Co. Method and apparatus for testing fracturing and related fluids. 3,172,286, 3–9–65, Cl. 73—53.
Grubbens & Co. AB: *See*—
Wallen, Emil O. L. 3,208,679.
Grubbs, Willie P. Hoop and trundling stick therefor. 3,222,-818, 12–14–65, Cl. 46—220.
Grube, Dean A.: *See*—
Borkenhagen, Alfred E., and Grube. 3,219,238.
Grube, Wolfgang O., to Eltra Corp. Apparatus for manufacturing font plates for phototypographical machines. 3,204,-520, 9–7–65, Cl. 88—24.
Gruben, Wayne E., and A. E. Monson, to Deere & Co. Power loader 3,180,504, 4–27–65, Cl. 214—140.
Gruber, Elbert E., and E. F. Kalafus, to The General Tire & Rubber Co. Process for reacting ammonia or a primary amine with an acrolein polymer and resulting product. 3,177,171, 4–6–65, Cl. 260—29.6.
Gruber, Elbert E., and O. C. Keplinger, to The General Tire & Rubber Co. Polyurethane compositions cured with organic peroxides. 3,225,007, 12–21–65, Cl. 260—75.
Gruber, Gunter, and H.-A. Wannow, to Cassella Farbwerke Mainkur Aktiengesellschaft. Process for rendering cellulosic textile fabric crease resistant and the resulting article. 3,188,232, 6–8–65, Cl. 117—139.4.
Gruber, Helmut: *See*—
Bussard, Adrien, Gruber, and Stephan. 3,226,223.
Gruber, Helmut, and H. Scheidig, to U. C. Heraeus, G.m.b.H. Apparatus for viewing the interior of furnaces. 3,171,879, 3–2–65, Cl. 13—31.
Gruber, Helmut, and H. Scheidig, to W. C. Heraeus, G.m.b.H. Vacuum arc melting furnace with crucible changing apparatus. 3,190,949, 6–22–65, Cl. 13—31.
Gruber, Helmut, H. Scheidig, and H. Eckstein, to W. C. Heraeus, G.m.b.H. Method and apparatus for producing metal blocks by electron beams. 3,219,435, 11–23–65, Cl. 75—10.
Gruber, Herbert, to Heinrich Koppers G.m.b.H. Fluid-conveying assemblies, particularly for fluid heaters. 3,214,197, 10–26–65, Cl. 285—41.
Gruber, Jerome M., to Waukesha Bearings Corp. Cathodic system. 3,169,504, 2–16–65, Cl. 115—.5.
Gruber, Leslie G. Adjustment means for a casket bed. 3,192,596, 7–6–65, Cl. 27—12.
Gruber, Martin V., and E. E. Goitein, to Fluor Products Co., Inc. Helicopter type fans for cooling towers. 3,195,870, 7–20–65, Cl. 261—25.
Gruber, Sol: *See*—
Leibowitz, Donald, Meixner, and Gruber. 3,184,620.
Gruber, Thomas J., to Eaton Mfg. Co. Fluid pressure lubricating system indicator means. 3,223,198, 12–14–65, Cl. 184—7.
Gruber, Thomas J., and R. E. Stuemky, to Eaton Mfg. Co. Lubrication indicator. 3,220,375, 11–30–65, Cl. 116—70.
Gruber, Wilhelm. Tire repair patch. 3,172,446, 3–9–65, Cl. 152—370.
Gruber, Wilhelm, to Rohm & Haas G.m.b.H. Process for the preparation of dicvan. 3,183,060, 5–11–65, Cl. 23—151.
Gruber, Wilhelm, and W. Rank, to Rohm & Hass G.m.b.H. Preparation of cyanformamide. 3,170,947, 2–23–65, Cl. 260—465.4.
Gruber, Wilhelm F., to E. I. du Pont de Nemours and Co. Bis[(azabicycloheptyl)thiocarbonyl]sulfides. 3,213,105. 10–19–65, Cl. 260—313.
Grubessich, Joseph, and L. Sama, to United States of America, Atomic Energy Commission. Oxidation resistant coatings for columbium and columbium alloys. 3,219,477, 11–23–65, Cl. 117—114.
Grubish, Stephan A. Pipe cutting machine. 3,206,180, 9–14–65, Cl. 266—23.
Gruczelak, Norman P., and B. C. Wang, to Ampex Corp. Tape transport system. 3,180,547, 4–27–65, Cl. 226—118.
Grudus, Gabriel M.: *See*—
Larkin, James D., and Grudus. 3,194,719.
Grudus, Gabriel M., and J. D. Larkin, to Monsanto Co. Melamine laminating resin modified with an anhydride of sorbitol. 3,194,720, 7–13–65, Cl. 161—156.
Grudus, Gabriel M., and J. D. Larkin, to Monsanto Co. Melamine laminating resin modified with an olefin oxide of mannitol. 3,194,721, 7–13–65, Cl. 161—156.
Grudus, Gabriel M., and J. D. Larkin, to Monsanto Co. Melamine laminating resin modified with an olefin oxide of sorbitol. 3,194,722, 7–13–65, Cl. 161—156.
Grudus, Gabriel M., and J. D. Larkin, to Monsanto Co. Melamine laminating resin modified with mannitan. 3,194,723, 7–13–65, Cl. 161—156.
Gruen Applied Science Laboratories, Inc.: *See*—
Ferri, Antonio. 3,170,285.
Gruenbeck, Klaus H., and R. L. Brown, to Hughes Aircraft Co. Magnetic variable torque clutch. 3,181,671, 5–4–65, Cl. 192—84.
Gruenberg, Elliot L.: *See*—
Karp, Jesse R., Swenson, Spira, and Gruenberg. 3,167,-760.
Gruenberg, Ivor J. Beach or pool-side shield. 3,174,493, 3–23–65, Cl. 135—5.
Gruendler Crusher & Pulverizer Co.: *See*—
Shelton, Harry J., Jr. 3,220,658.
Shelton, Harry J., Jr., and Freeman. 3,226,045.
Gruenfeld, Norbert: *See*—
Leonard, Frederick, and Gruenfeld. 3,185,705.
Gruenhagen, Richard H., to The Dow Chemical Co. Hortesin antifungal agricultural compositions and method. 3,169,-902, 2–16–65, Cl. 167—22.
Grueninger, Carl E., to Waukesha Cutting Tools, Inc. Cutting tool. 3,217,385, 11–16–65, Cl. 29—105.
Gruensfelder, Kurt: *See*—
Bartik, William J., and Gruensfelder. 3,170,147.
Gruenstein, Rolf J. Display apparatus and system. 3,170,-418, 2–23–65, Cl. 108—101.
Gruenstein, Rolf J. Scooter driving assembly. 3,180,656, 4–27–65, Cl. 280—255.
Gruet, Ivan C., to Esso Research and Engineering Co. Convergence error reduction apparatus. 3,205,345, 9–7–65, Cl. 235—184.
Gruetzmacher, Herman H. Buckle-tongue fastener. 3,181,-340, 5–4–65, Cl. 72—409.
Gruger, Wolfgang: *See*—
Bauer, Ludwig, and Gruger. 3,218,238.
Grumblatt, Victor J., to Lord Mfg. Co. Seat suspension. 3,167,295, 1–26–65, Cl. 248—399.
Grumman Aircraft Engineering Corp.: *See*—
Dullberg, Eberhard. 3,185,600.
Markow, Edward G. 3,182,705.
Grün, Gustav, and F. Lang. Apparatus for treatment of powdered and granular material. 3,179,379, 4–20–65, Cl. 259—4.
Grun, Heinrich. Plastic skirting-boards. 3,201,909, 8–24–65, Cl. 52—287.
Grunau, Harry B.: *See*—
Allardt, Ernst W., Grunau, and Yoho. 3,187,153.
Grunberg, Jacques F., and W. A. Platt, to l'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude. Process for the manufacture of oxygen-enriched air. 3,209,548, 10–5–65, Cl. 62—29.
Grunder, Maynard S. Christmas tree assembly. 3,212,953, 10–19–65, Cl. 161—26.
Grundhauser, Frank J.: *See*—
Dyke, Walter P., and Grundhauser. 3,173,006.
Dyke, Walter P., and Grundhauser. 3,174,043.
Dyke, Walter P., and Grundhauser. 3,179,832.
Grundig, Heinz G., to International Standard Electric Corp. Rotary switch with interchangeable contact structure for shorting and non-shorting positions. 3,201,532, 8–17–65, Cl. 200—11.
Grundig, Max: *See*—
Geis, Heinz. 3,221,864.
Krauss, Otto, and Link. 3,225,884.
Grundin, Ivan W., and H. Freese, to Svenska Relafabriken ABN AB. Automatic telecommunication system. 3,211,-835. 10–12–65, Cl. 179—18
Grundmann, John F. Apparatus for controlling fluid flow. 3,216,623, 11–9–65, Cl. 222—146.
Grundmark, Bengt L., to The Ohio Brass Co. Lightning arrester and housing. 3,194,875, 7–13–65, Cl. 174—52.
Grundy, Richard, to Reid & Sigriest Ltd. Automatic stud producing machine. 3,179,964, 4–27–65, Cl. 10—2.
Grune, Per O.: *See*—
Sindahl, Karl G., and Grune. 3,172,943.
Gruneberg, Gerhard, and M. Jung, to Varta Aktiengesellschaft, and Siemens-Schuckert-Werke Aktiengesellschaft. Electrochemical fuel cell operation with antipolar ion exchange membrane. 3,198,666, 8–3–65, Cl. 136—86.
Gruner, Frederick R., to Ametek, Inc. Laundry machines. 3,167,508, 1–26–65, Cl. 210—250.
Gruner, Frederick R., to Ametek, Inc. Laundry machines. 3,200,950, 8–17–65, Cl. 210—364.
Gruner, Frederick R., to Ametek, Inc. Laundry machine. 3,212,302, 10–19–65, Cl. 68—12.
Gruner, Frederick R., R. F. Schwegler, and K. H. Wolverton, to Amtek, Inc. Laundry machines. 3,206,267, 9–14–65, Cl. 312—228.
Gruner, Frederick W.: *See*—
Graham, Richard A., and Gruner. 3,193,769.
Gruner, Karel: *See*—
Cuhra, Bohuslav, and Gruner. 3,201,223.
Grunert, Heinz, to Bohme Fettchemie G.m.b.H. Process for bleaching cotton with aqueous alkaline bleaching baths and the products obtained thereby. 3,198,597, 8–3–65, Cl. 8—111.
Grunewald, Kurt H.: *See*—
Schonfeldt, Nikolaus A., and Grunewald. 3,197,333.
Grunewald, Waldemar, and R. Schöps, to Pintsch Bamag Aktiengesellschaft Zweigniederlassung Cologne- Bayenthal. Ladle carriage, particularly for converters in steel mills. 3,225,397, 12–28–65, Cl. 22—82.
Grunfeld, Michael. Beam construction. 3,221,461, 12–7–65, Cl. 52—376.
Grunstra, Peter C. Rodless rotary engines. 3,220,390, 11–30–65, Cl. 123—44.

Grunwald, Arthur A., to CTS Corp. Clutch means for variable resistor. 3,179,910, 4–20–65, Cl. 338—180.
Grunwald, Jack O.: *See*—
Gillingham, Ernest L., and Grunwald. 3,194,159.
Grunwald, John J., to MacDermid, Inc. Method of and composition for chemically dissolving electroless metal deposits. 3,203,787, 8–31–65, Cl. 75—97.
Grunwald, Louis J.: *See*—
Wally, Joseph H., Jr., and Grunwald. 3,188,909.
Grunwaldt, Gottfried, to North American Philips Co. Inc. Transistor switch having a plurality of transistors connected in series. 3,198,964, 8–3–65, Cl. 307—88.5.
Gruodis, Algirdas J., and W. H. McAnney, to International Business Machines Corp. Three-level inverter and latch circuits. 3,207,922, 9–21–65, Cl. 307—88.5.
Grupe, William F., to Addressograph-Multigraph Corp. Machines for processing printing plates and the like. 3,198,-168, 8–3–65, Cl. 118—202.
Grupen, James L. Positive-contact mercury switch. 3,223,-811, 12–14–65, Cl. 200—152.
Grupp, Wilhelm, K.G., Werzeug- und Maschinenfabrik, Firma: *See*—
Haspel, Karl W. 3,165,976.
Gruschus, Jeanine A.: *See*—
Adams, Jack. 3,198,579.
Grushkin, Bernard: *See*—
Stephens, Robin W., and Grushkin. 3,193,397.
Grushkin, Harry. Metal fireplace structures with air supply means for combustion chamber. 3,180,332, 4–27–65, Cl. 126—121.
Gruss, George A., and A. B. Viescas, to American Machine & Foundry Co. Selectively actuated ball path indicating system. 3,212,779, 10–19–65, Cl. 273—54.
Gruss, Heing, W. Gillwald, A. Kutzelnigg, and H. Laub, to Siemens-Schuckertwerke Aktiengesellschaft. Bath and method for anodic brightening of metals. 3,203,884, 8–31–65, Cl. 204—140.5.
Gruss, Jack. Bracket. 3,194,527, 7–13–65, Cl. 248—235.
Gruter, Rudolf: *See*—
Lange, Karl H. 3,218,946.
Gruver, Jerry T., and G. Kraus, to Phillips Petroleum Co. Polymer compositions using liquid carboxy-terminated diene polymer and epoxidized compound. 3,208,980, 9–28–65, Cl. 260—78.4.
Gryctko, Carl E., to I-T-E Circuit Breaker Co. Circuit breaker having improved inductive heater for bimetal trip means. 3,198,905, 8–3–65, Cl. 200—88.
Gryctko, Carl E., to I-T-E Circuit Breaker Co. Adapter unit for converting straight-line handle motion to rotary movement. 3,206,585, 9–14–65, Cl. 200—172.
Gryctko, Carl E., to I-T-E Circuit Breaker Co. Forced air-cooled thermally calibrated circuit breaker. 3,213,232, 10–19–65, Cl. 200—88.
Gryctko, Carl E., to I-T-E Circuit Breaker Co. Handle tie means. 3,213,326, 10–19–65, Cl. 317—115.
Gryk, Leon: *See*—
Perez, Guillermo, and Gryk. 3,201,570.
Gryk, Leon, to Royal McBee Corp. Record reading apparatus. 3,201,571, 8–17–65, Cl. 235—61.11.
Gryk, Leon, to Royal McBee Corp. Code to code converters. 3,201,780, 8–17–65, Cl. 340—347.
Gryk, Leon, to Royal McBee Corp. Codeprinter apparatus. 3,213,195, 10–19–65, Cl. 178—26.
Grynkiewicz, John P.: *See*—
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Gryszkiewicz-Trochimowski, Oleg: *See*—
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Grzyb, Henry J. Flexible stay lath measuring device. 3,210,-850, 10–12–65, Cl 33—137
Grzymek, Rolf, to The Cincinnati Milling Machine Co. Roll grinding machine. 3,187,468, 6–8–65, Cl. 51—49.
Gschwandtner, Erich, to North American Philips Co., Inc. Stereo multiplex receiver with automatic stereo or monaural detection and indicating means. 3,187,102, 6–1–65, Cl. 179—15.
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De Bottari, Louis A., and Guajardo. 3,165,647.
Gualtieri, Angelo: *See*—
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Guanella, Gustav, to Patelhold Patentverwertungs- & Elektro-Holding A.-G. Means for the production of a voltage which depends upon the difference between two frequencies. 3,164,777, 1–5–65, Cl. 328—134.
Guanella, Gustav, 60% to K. Rath. Pulse code modulation transmission system. 3,175,154, 3–23–65, Cl. 325—38.
Guardian Electric Mfg. Co.: *See*—
Collette, Richard L., and Wright. 3,180,954.
Obszarny, Thedore J. 3,209,095.
Guardian Mining Props Ltd.: *See*—
Gold, Richard L. 3,220,686.
Guardino, John. Finger nail scraping and trimming nail file. 3,215,150, 11–2–65, Cl. 132—75.4.
Guard-Well Corp.: *See*—
Lowthers, Frank J., and Stoner. 3,175,227.
Guarino, Louis S.: *See*—
Holt, Pliny G., and Guarino. 3,218,928.
Guarnaccio, Anthony J.: *See*—
Latos, Edwin J., and Guarnaccio. 3,203,895.
Latos, Edwin J., and Guarnaccio. 3,203,896.
Guarnaccio, Anthony J., and E. J. Latos, to Universal Oil Products Co. Oil of lubricating viscosity. 3,169,923, 2–16–65, Cl. 252—32.5.
Guarnaccio, Anthony J., and T. Symon, to Universal Oil Products Co. Stabilization of organic substances. 3,217,-038, 11–9–65, Cl. 260—570.
Guarnaschelli, Stephen. Pipe coupling with flexible sealing lip. 3,191,973, 6–29–65, Cl. 285—110.
Guarnieri, Robert J., and S. Weiner, to Barnes Engineering Co. Method of filling grooves on substrates with curable resins. 3,183,290, 5–11–65, Cl. 264—259.
Guarr, Joseph S., ½ to Robert F. Kelley. Pill dispenser. 3,166,216, 1–19–65, Cl. 221—289.
Guarracino, Ottavio: *See*—
Sacerdoti, Giorgio, and Guarracino. 3,223,982.
Guarracino, Ottavio, to Ing. C. Olivetti & C., S.p.A. Selective pulse feeding circuit utilizing a transformer gating circuit. 3,191,059, 6–22–65, Cl. 307—88.5.
Guastavino, Thomas M.: *See*—
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Gubelmann, Walter S.: *See*—
Gubelmann, William S. 3,190,394.
Gubelmann, William S. 3,190,402.
Gubelmann, William S., deceased, by W. S. Gubelmann, executor, to Realty & Industrial Corp. Spring motor, with motor rewind for calculating machines and the like. 3,190,-394, 6–22–66, Cl. 185—40.
Gubelmann, William S., deceased, by W. S. Gubelmann, executor, to Realty & Industrial Corp. Speed responsive governor for calculating machines and the like. 3,190,402, 6–22–65, Cl. 188—185.
Guber, Arthur H., to Dodge-Audio Visual Corp. Entertainment and display device. 3,207,033, 9–21–65, Cl. 88—28.
Guberman, Sam. Brassiere. 3,192,929, 7–6–65, Cl. 128—489.
Gubitz, Franklyn W., to Sterling Drug Inc. Allylhydantoins. 3,197,477, 7–27–65, Cl. 260—309.5.
Gubitz, Franklyn W., to Sterling Drug Inc. 3-allylhydantoic acid. 3,223,729, 12–14–65, Cl. 260—534.
Gubler, Ernst. Kneading and mixing apparatus. 3,189,324, 6–15–65, Cl. 259—9.
Gubler, Kurt, and E. Knüsli, to J. R. Geigy, A.-G. Thiocyanophenyl derivatives. 3,179,681, 4–20–65, Cl. 260—454.
Gubler, Kurt, and E. Knusli, to J. R. Geigy A.-G. Method for controlling pests, and agents therefor. 3,197,363, 7–27–65, Cl. 167—30.
Gubler, Kurt, and E. Knusli, to J. R. Geigy, A.-G. Compounds for combatting plant-parasitic nematodes. 3,206,-491, 9–14–65, Cl. 260—455.
Guccione, Gioacchino M. Plant row thinning apparatus. 3,172,482, 3–9–65, Cl. 172—520.
Guckel, Henry: *See*—
Clausen, Elmer B., and Guckel. 3,168,648.
Guckel, Henry, to United States of America, Atomic Energy Commission. Binary memory device employing flip-flop that is controlled by in-phase driver. 3,181,004, 4–27–65, Cl. 307—88.5.
Guckes, George H.: *See*—
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Gucwa, Richard T., to Bausch & Lomb Inc. Photomodulating circuit using two alternately energized light sources. 3,191,039, 6–22–65, Cl. 250—208.
Gudelis, David A., to Esso Research and Engineering Co. Propylene polymerization to C_{13}–C_{20} olefins for detergents. 3,188,360, 6–8–65, Cl. 260—683.15.
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Sennewald, Kurt, Ohorodnik, Gundernatsch, and Vierling. 3,215,726.
Sennewald, Kurt, Vogt, and Gudernatsch. 3,201,419.
Gudmestad, Ragnar, to Artos Engineering Co. Wire cutting and stripping device with blade heating means and cam and eccentric actuation means. 3,199,383, 8–10–65, Cl. 81—9.51.
Gudmundsen, Austin, to McCulloch Corp. Fuel-air injection system for internal combustion engines. 3,190,271, 6–22–65, Cl. 123—29.
Gudmundson, Clark. Boat trailer. 3,224,019, 12–21–65, Cl. 9—1.
Guennou, Serge, to North American Philips Co., Inc. Electronic regulating device. 3,179,874, 4–20–65, Cl. 322—25.
Guenthard, Jacques, W. Schoenauer, and F. Benguerel, to Sandoz Ltd. 1,4-di-(polyalkylphenylamino) anthraquinone containing a sulfatoacetamidomethyl substituent. 3,206,-483, 9–14–65, Cl. 260—377.
Guenther, Carl, and D. D. Argul, to General Electric Co. Filament winding apparatus. 3,201,055, 8–17–65, Cl. 242—25.
Guenther, Edgar G.: *See*—
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Guenther, Emmerich, to Phillips Petroleum Co. Electromagnetic multiport valve. 3,176,516, 4–6–65, Cl. 73—422.
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Doerer, Richard P., and Guenther. 3,170,255.
Doerer, Richard P., and Guenther. 3,198,217.
Doerer, Richard P., and Guenther. 3,217,754.
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Doerer, Richard P., and Guenther. 3,217,759.
Guenther, John H., to General Dynamics Corp. Automatic communication system. 3,171,895, 3–2–65, Cl. 179—7.1.
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Mitchell, Wallace F. 3,173,446.

Guenther, Ralph W., to United States of America, Atomic Energy Commission. Nuclear reactor core clamping system. 3,215,608, 11–2–65, Cl. 176—87.

Guenther, Wolfgang, and H. Ohlinger, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Metal salts of oligomeric styrene polymer in olefinic emulsion polymerization process. 3,179,613, 4–20–65, Cl. 260—29.6.

Guenthert, Paul: *See*—
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Guenthner, Richard A.: *See*—
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Guenthner, Richard A., to Minnesota Mining & Mfg. Co. Polymers comprising a fluorinated quaternary salt of an amine-substituted acrylic acid ester. 3,207,730, 9–21–65, Cl. 260—79.3.

Guentner, Robert L., to Westinghouse Electric Corp. Heart resuscitation apparatus with means for quickly adjusting to the size of the patient. 3,209,747, 10–5–65, Cl. 128—53.

Guerin, Edmond H., Jr.: *See*—
Guerin, Robert J. and E. H. 3,190,580.

Guerin Engineering, Inc.: *See*—
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Guerin, Joseph A., to H. T. Jeandron. Method of forming hydraulically loomed fibrous material. 3,214,819, 11–2–65, Cl. 28—72.2.

Guerin, Pierre, S.A.: *See*—
Jagoueix, Robert. 3,221,407.

Guerin, Robert J.: *See*—
Adams, Samuel F., and Guerin. 3,167,262.

Guerin, Robert J., and E. H. Guerin, Jr., to American Paper Tube Co. Thermally-isolated high-speed bobbins. 3,190,580, 6–22–65, Cl. 242—118.32.

Guernsey, Darius A.: *See*—
Schmidt, Lewis W. 3,215,588.

Guernsey, Edwin O., to Socony Mobil Oil Co., Inc. Production of heavy water. 3,206,365, 9–14–65, Cl. 176—14.

Guernsey, Frank A.: *See*—
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Guerrant, William S., Jr. Quick release locking type hook. 3,193,318, 7–6–65, Cl. 294—83.

Guerrero, Fernando V., to Allied Chemical Corp. Auto safety belt buckle. 3,212,151, 10–19–65, Cl. 24—230.

Guerrero, John J. Culinary knife. 3,192,623, 7–6–65, Cl. 30—24.

Guerrieri, Salvatore A.: *See*—
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Guerrieri, Salvatore A., to The Lummus Co. Apparatus for continuously pulping cellulose matter. 3,188,267, 6–8–65, Cl. 162—237.

Guerrieri, Salvatore A., to The Lummus Co. Continuous process and apparatus for delignification of cellulosic material. 3,215,587, 11–2–65, Cl. 162—19.

Guerriero, Charles P., to Ford Motor Co. Independent suspension having torsion bar springs. 3,204,980, 9–7–65, Cl. 280—124.

Guerth, Fritz A. Drive mechanism for tape recorders and/or reproducers. 3,222,003, 12–7–65, Cl. 242—55.14.

Guerth, Fritz A. Transducer apparatus with a cyclic oscillatory movement relative to a storage medium. 3,191,166, 6–22–65, Cl. 340—174.1.

Guerth, Fritz A. Data recording system wherein data and reference pulse spacing is characteristic of the intelligence. 3,212,076, 10–12–65, Cl. 240—174.1.

Guertler, Rudolf. Multi-band antenna formed of closely spaced folded dipoles of increasing length. 3,167,775, 1–26–65, Cl. 343—806.

Guess, Roy C. Spinner stabilizer. 3,192,660, 7–6–65, Cl. 43—42.16.

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Guest, Dorothy J., L. B. Morgan, and J. B. Owen, to Imperial Chemical Industries Ltd. Treatment of fibrous materials. 3,166,436, 1–19–65, Cl. 117—139.5.

Guest, Howard R., and R. K. Barnes, to Union Carbide Corp. Polyols from 2-hydroxymethyl-1,3-dioxolane and phenolic compounds. 3,210,428, 10–5–65, Cl. 260—619.

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Guffan, Samuel. Decorative window shades. 3,205,118, 9–7–65, Cl. 161—6.

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Gugel, Walter, and F. J. Tonne, to Schering Aktiengesellschaft AG. Apparatus and method for the application of multiple component resins. 3,214,144, 10–26–65, Cl. 259—7.

Gugelot, Hans, and H. A. Müller, to Schlaginstrumenten- und Trommelfell-Fabrik Johs-Link KG. Percussion musical instrument. 3,174,382, 3–23–65, Cl. 84—404.

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Gugerli, Ulrich, and U. Vögeli, to Sandoz A.G. Method and apparatus for measuring liquids. 3,173,575, 3–16–65, Cl. 222—1.

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Guglielmo, Richard J., to A. L. Barber, Jr. Radiation barrier material and method of making the same. 3,200,085, 8–10–65, Cl. 252—478.

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Gugliotta, Paul. Movable roof structure. 3,211,163, 10–12–65, Cl. 135—5.

Guibert, Martin M., and C. S. Skinner, Jr., to The Boeing Co. Rejuvenation of abrasive surfaces. 3,177,627, 4–13–65, Cl. 51—262.

Guibert, Oscar E., Jr., and W. D. Jamison, Jr., to Western Pennsylvania National Bank. Portable drills. 3,195,375, 7–20–65, Cl. 77—7.

Guichet, Niles F. Dental instrument unit. 3,197,868, 8–3–65, Cl. 32—22.

Guida, Michael F. Simulative display devices. 3,225,472, 12–28–65, Cl. 40—106.41.

Guido, John, L. R. Baselice, and T. J. Decker, to General Corrugated Machinery Co., Inc. Mechanism for taping cartons. 3,196,591, 7–27–65, Cl. 53—137.

Guido, Lewis, and E. S. Wedding. Display hassock. 3,181,913, 5–4–65, Cl. 297—462.

Guienne, Paul: *See*—
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Guienne, Paul F., and J. H. Bertin, to Bertin & Cie. Ejector devices having slot-like inducing nozzles, especially for sustentation. 3,212,700, 10–19–65, Cl. 230—103.

Guier, William. Golf club including soft metal to lock grooved shaft end to head. 3,191,936, 6–29–65, Cl. 273—80.2.

Guier, William H., to United States of America, Navy. Method of navigation. 3,191,176, 6–22–65, Cl. 343—112.

Guiffre, Joseph A. Beer keg measuring device. 3,212,335, 10–19–65, Cl. 73—328.

Guignard, Boris, to Compagnie Financiere pour le Developpement Industriel C.O.F.I.D.I. Societe Anonyme. Flexible plastic container with helically disposed plastic grain. 3,186,600, 6–1–65, Cl. 222—107.

Guignard, Jean H., to Societe de Prospection Electrique Schlumberger, S.A. Signal generator. 3,176,158, 3–30–65, Cl. 307—88.5.

Guild, Charles L., to Shell Oil Co. Method of driving piles. 3,187,513, 6–8–65, Cl. 61—53.5.

Guild, Charles L., and P. B. Kimball. Apparatus for determining energy delivered to a pile. 3,187,553, 6–8–65, Cl. 73—4.

Guild, James C., and L. J. Castle, to United Kingdom Atomic Energy Authority. Liquid moderated nuclear reactors. 3,183,164, 5–11–65, Cl. 176—37.

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Guildner, Leslie A., and H. F. Stimson, to United States of America, Commerce. Ball and socket pipe joint. 3,177,017, 4–6–65, Cl. 285—270.

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Guillet, James E., and E. B. Towne, to Eastman Kodak Co. Bis (tetrahydrofuroyl) peroxides. 3,206,481, 9–14–65, Cl. 260—347.3.

Guillet, James E., and E. B. Towne, to Eastman Kodak Co. Peroxide catalysts and polymerization processes employing the same. 3,222,327, 12–7–65, Cl. 260—80.

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Guinard, John E. Piled fabric and the method of and apparatus for manufacturing the same. 3,173,823, 3–16–65, Cl. 156—435.

Guinard, Paul A. Pumps provided with a helical rotor of revolution and a rotating obturator plate meshing with this rotor. 3,182,600, 5–11–65, Cl. 103—125.

Guinard, Paul A. Electric motor fed by direct or rectified current. 3,209,224, 9–28–65, Cl. 318—138.

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Guingand, Jean R., to Societe Anonyme Heurtey. Seal for rotary hearth furnaces. 3,219,332, 11–23–65, Cl. 266—18.

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Guinot, Henri M., 80% to Societe de Produits Chimiques Industriels S.P.C.I. Preparation of amino acids. 3,215,736, 11–2–65, Cl. 260—534.
Guiot, Maurice, to Berex Establishment. Current generator. 3,173,075, 3–9–65, Cl. 322—40.
Gulbrandsen, Arthur F., to Cities Service Oil Co. Method and apparatus for determination of amount of salt in hydrocarbon oil. 3,181,058, 4–27–65, Cl. 324—30.
Gulbrandsen, Helge, to United Shoe Machinery Corp. Machines for applying pressure to shoe bottoms. 3,204,268, 9–7–65, Cl. 12—33.
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Gulesich, John J., and L. J. Ravin, to Smith Kline & French Laboratories. Method and compositions for the treatment of cutaneous herpetic infections. 3,173,836, 3–16–65, Cl. 167—58.
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Allen, Archelaius D. 3,186,178.
Arnott, Leslie J. 3,197,966.
Gaskell, Joseph. 3,192,721.
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Gurnee, Edward F., and R. T. Fernandez, to The Dow Chemical Co. Phosphor-dielectric composition. 3,185,650, 5–25–65, Cl. 252—301.3.
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Gurney, Benjamin F., to Loyola University. Peridontal pack or dressing composition. 3,219,527, 11–23–65, Cl. 167—60.
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Gustavson, Sterling T., to American Machine & Foundry Co. Paster for machine made cigars. 3,187,756, 6–8–65, Cl. 131—35.
Gustavson, Sterling T., to American Machine & Foundry Co. Tobacco web feed with universal binder shaper. 3,225,633, 12–28–65, Cl. 83—152.
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Hagerty, Sidney E., E. A. Ross, R. T. Burnett, and D. D. Johannesen, to The Bendix Corp. Brake adjuster with overtravel feature. 3,216,533, 11–9–65, Cl. 188—79.5.

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Haggar Mills Division of I. Zendman Inc.: *See*—
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Haggard, Olen R.: *See*—
Sherley, Roy W. 3,224,595.

Haggarty, Robert J.: *See*—
Blunden, Donald J., Widener, and Haggarty. 3,181,886.

Hagge, Walter, G. Naumann, and O. Schneider, to Farbenfabriken Bayer Aktiengesellschaft. Polyethylene imine anion-exchange resins of sponge-like structure. 3,210,299, 10–5–65, Cl. 260—2.1.

Hagge, Walter, G. Boehmke, H. Geffers, and M. Quaedvlieg, to Farbenfabriken Bayer Aktiengesellschaft. Process for substantially preventing the formation of foam. 3,215,-636, 11–2–65, Cl. 252—321.

Haggis, Geoffrey A., to Imperial Chemical Industries Ltd. Isocyanurate polymers prepared in a solvent which contains less than .03% by weight of water. 3,180,846, 4–27–65, Cl. 260—31.2.

Hagglof, Mary A.: *See*—
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Haggstrom, Walter R. Indexing table. 3,168,842, 2–9–65, Cl. 74—822.

Haggstrom, Walter R. G., to Independent Lock Co. Key identifier device and switch means therefor. 3,172,969, 3–9–65, Cl. 200—61.59.

Hagie Mfg. Co.: *See*—
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Hagihara, Fumio: *See*—
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Hagiwara, Naoki: *See*—
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Hagle, Melvin G., to Phillips Petroleum Co. Method and apparatus for dehydration of gases. 3,205,638, 9–14–65, Cl. 55—20.

Hagler, Herbert L. Percolator basket and stem removing tool. 3,166,349, 1–19–65 Cl. 294—33.

Hagler, Herbert L. Release tool. 3,194,594, 7–13–65, Cl. 287—119.

Haglund, Algot, and G. Mildh, to Aktiebolaget Svenska Flaktfabriken. Emission electrode system for electrostatic precipitators. 3,203,155, 8–31–65, Cl. 55—148.

Hagmann, Foster M., H. B. Graham, and R. B. Morris. Sealing closure for a crown-type bottle. 3,207,350, 9–21–65, Cl. 215—40.

Hagner, Joseph A. Skates having resilient runner. 3,219,-358, 11–23–65, Cl. 280—11.14.

Hagner, Lawrence R., and G. Stegner, to Western Electric Co., Inc. Article handling and advancing mechanism. 3,175,673, 3–30–65, Cl. 198—25.

Hagner, Walter W., to United States of America, Navy. Fuel pressurization system. 3,217,649, 11–16–65, Cl. 102—49.

Hagney, Edward D., and M. Mehlman. Composite matrix and method for making the same. 3,181,206, 5–4–65, Cl. 22—5.5.

Hagood, Cecil C., Sr. Walking cane. 3,223,099, 12–14–65, Cl. 135—47.

Hagopian, Jacob J., and E. J. Supernowicz, to International Business Machines Corp. Magneto-optical recording and readout device. 3,174,140, 3–16–65, Cl. 340—174.1.

Hagopian, Nathan, to Commercial Mfg. & Supply Co. Brussels sprouts stripping machine. 3,212,506, 10–19–65, Cl. 130—30.

Hagstrom, Arthur A.: *See*—
Alonas, Kay, Hagstrom, and Sobczak. 3,200,210.
Anderson, Louis C., Jr., and Hagstrom. 3,171,890.

Hague, Gustaf F., Jr., and E. Milias, to Norton Co. Diffractometer with a rotatable support to hold plural samples for automatic analysis of crystalline material. 3,177,360, 4–6–65, Cl. 250—51.5.

Hague, John D., and R. L. Lundberg, to United States of America, Navy. Obstacle warning computer. 3,184,738, 5–18–65, Cl. 343—7.

Hague, Robert Z., K. D. Garnjost, C. C. Treff, and W. C. Moog, Jr., to Moog Servocontrols, Inc. Positioner. 3,174,406, 3–23–65, Cl. 91—19.

Hague, Robert Z., H. H. Laucks, and C. C. Treff, to Moog Servocontrols, Inc. Positioner. 3,198,084, 8–3–65, Cl. 91—37.

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John, Russell W., and Hahlbeck. 3,172,641.

Hahlganss, Gunter, and G. F. Lindner, to VDO Tachometer Werke Adolf Schindling G.m.b.H. Method of and apparatus for limiting and controlling the traveling speed of automotive vehicles. 3,207,255, 9–21–65, Cl. 180—82.1.

Hahm, Heinz G., and F. Ostwald, to Alfred Teves Maschinen- und Armaturenfabrik K.G. Caliper type disc brake. 3,182,-754, 5–11–65, Cl. 188—73.

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Hahn, Archie, Jr.: *See*—
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Hahn, Clayton W. Dispensing apparatus for butter and the like. 3,165,230, 1–12–65, Cl. 221—73.

Hahn, Edward F., to International Business Machines Corp. Transmission line having variably biased ferroelectric dielectric, useful as variable attenuator or variable delay line. 3,167,728, 1–26–65, Cl. 333—30.

Hahn, Frank J. Fence tightening tool. 3,179,129, 4–20–65, Cl. 140—106.

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Hahn, Harold G., E. E. Kochaney, and J. H. Modeen, to The Dow Chemical Co. Vinylidene chloride terpolymer as a coating for regenerated cellulose film. 3,175,926, 3–30–65, Cl. 117—122.

Hahn, Harold G., E. E. Kochaney, W. J. Miles, and J. H. Modeen, to The Dow Chemical Co. Vinylidene chloride terpolymer as a coating for regenerated cellulose film. 3,188,-234, 6–8–65, Cl. 117—145.

Hahn, Heinrich, to Chemische Fabrik Kalk G.m.b.H. Production of tetrabromo phthalic acid anhydride. 3,194,817, 7–13–65, Cl. 260—346.3.
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Hahn, Laurence W., to Contract Battery Mfg. Co. Automatic machine for assembling battery elements. 3,214,-828, 11–2–65, Cl. 29—204.
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Hahn, Louis W., to Champion Spark Plug Co. Conveyor assembly. 3,193,087, 7–6–65, Cl. 198—203.
Hahn, Norman F., and M. F. Pravda, to Cleveland Controls Inc. Incinerator door interlock system. 3,196,814, 7–27–65, Cl. 110—18.
Hahn, Patrick P., to Thermal Research & Engineering Corp. Fuel burning air heating apparatus. 3,189,017, 6–15–65, Cl. 126—116.
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Hahn, Roy C. Adjustable taping knife. 3,206,788, 9–21–65, Cl. 15—235.8.
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Hahnlein, William, to Hamlin Mfg. Co. Kneeler and supporting bracket. 3,188,140, 6–8–65, Cl. 297—426.
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Haid, William C., to Strick Trailers, a Division of Fruehauf Corp. Two-position removable roof bow. 3,226,153, 12–28–65, Cl. 296—104.
Haiderer, Emmerich, to J. M. Voith, Aktiengesellschaft. Spring having cam means to vary the bias thereon. 3,216,-715, 11–9–65, Cl. 267—1.
Haidler, John V., to Economy Baler Co. Box crusher and paper shredder. 3,170,642, 2–23–65, Cl. 241—186.
Haifley, William E., E. J. Schaefer, and L. J. Lakes, to Franklin Electric Co., Inc. Laminated core banding apparatus. 3,189,984, 6–22–65, Cl. 29—205.
Haigh, Arthur W. Lawn edge cutter. 3,171,497, 3–2–65, Cl. 172—15.
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Hailey, Howard T. and H. E. 3,201,023.
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Riebman, Leon, and Haimowitz. 3,182,266.
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Haines, Marcus W., to McGaffey-Taylor Corp. Axially spaced well packers. 3,169,579, 2–16–65, Cl. 166—119.
Haines, Marcus W., to McGaffey-Taylor Corp. Subsurface earth formation treating tool. 3,191,697, 6–29–65, Cl. 175—81.
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Haines, Paul G., and H. E. Albert, to Pennsalt Chemicals Corp. Novel process for alkylated bisphenols. 3,207,794, 9–21–65, Cl. 260—619.
Haines, Robert M.: *See*—
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Haines, Robert M., to The Pure Oil Co. Bolometer. 3,200,-271, 8–10–65, Cl. 310—8.9.
Haines, Robert S., to International Business Machines Corp. Drive and brake system employing metallic coated rollers and a roller of elastomeric polymeric material. 3,171,520, 3–2–65, Cl. 192—4.
Haines, Robert S., G. Bate, and J. W. Wenner, to International Business Machines Corp. Digital phase-displacement reduction combination. 3,200,386, 8–10–65, Cl. 340—174.1.
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Hajek, William F. Push button faucet with alternately seating valves. 3,185,172, 5–25–65, Cl. 137—315.
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Hajos, Eugene, to The Hydraxtor Co. Control apparatus for processing fabric. 3,172,219, 3–9–65, Cl. 38—2.
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Hakimoglu, Ayhan, R. D. Kulvin, and J. L. Nelson, to Electro-Mechanical Research, Inc. Time-of-occurrence markers. 3,177,375, 4–6–65, Cl. 307—88.5.
Hakka, Lennart, to Oy Kovametalli AB. Anti-skid means for vehicle tire and the like. 3,196,921, 7–27–65, Cl. 152—210.
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Halacsy, Andrew A., to Federal Pacific Electric Co. Transformer core and winding. 3,201,734, 8–17–65, Cl. 336—221.
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Halberg, Robert A., to Minnesota Mining and Mfg. Co. Autofocus viewing and reproducing apparatus. 3,181,416, 5–4–65, Cl. 88—24.

Halberg, Robert A., to Minnesota Mining and Mfg. Co. Intermittent feed measuring mechanism. 3,207,400, 9–21–65, Cl. 226—136.
Halberg, Robert W., and R. S. Hutton, to Borg-Warner Corp. Method of making friction bodies. 3,214,271, 10–26–65, Cl. 75—206.
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Halberschmidt, Friedrich, and H. Reinmold, to Compagnie de Saint-Gobain. Process and apparatus for handling sheets. 3,218,066, 11–16–65, Cl. 271—57.
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Silber, Alvin D., Feder, and Russell. 3,194,844.
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Hales, Everett B., and J. P. McGuire, to General Precision, Inc. Automobile traffic flow analyzer. 3,199,074, 8–3–65, Cl. 340—38.
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Haley, Alfred J., Jr., to Engelhard Industries, Inc. Continuous flow method and apparatus for determining adsorption isotherms of solid materials. 3,211,006, 10–12–65, Cl. 73—432.
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Haley, Harold A., to FMC Corp. Controlled tension winding apparatus. 3,189,295, 6–15–65, Cl. 242—75.5.
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Haley, Oliver A. Granular material mixing machine. 3,215,314, 11–2–65, Cl. 222—136.
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Haley, Robert A. Automatic cooking apparatus. 3,191,590, 6–29–65, Cl. 126—19.
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Halftermeyer, Rene. Variable condenser. 3,204,163, 8–31–65, Cl. 317—254.
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Worden, Norbert P. 3,179,463.
Hall, Charles E., and C. E. Hook, to Michigan Carton Co. Egg carton. 3,219,254, 11–23–65, Cl. 229—28.
Hall, Charles L., and C. H. Becker, to United-Carr Inc. Plastic panel fastener. 3,177,540, 4–13–65, Cl. 24—73.
Hall, Claudie S., Jr., W. B. Huckabay, and M. C. Kelsey, to Rayflex Exploration Co. Geochemical prospecting 3,180,983, 4–27–65, Cl. 250—45.5.
Hall, Clifford: *See*—
Helliwell, Derek P., Hall, and Snow. 3,172,795.
Hall, Clifford J.: *See*—
Bushrod, Charles J., and Hall. 3,216,864.
Hall, Clifford J., to Chloride Batteries Ltd. Electric storage battery plates. 3,173,809, 3–16–65, Cl. 136—19.
Hall, David: *See*—
Reynolds, Jeffrey A., and Hall. 3,177,564.
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Hall, Erminie B. and D. G. 3,209,394.
Hall, Dick S., to Phillips Petroleum Co. Copolymerization of ethylene with higher olefins. 3,174,957, 3–23–65, Cl. 260—88.2.
Hall, Donald, Jr.: *See*—
Robak, Edward, and Kleeberger. 3,220,292.
Hall, Donald W., and B. D. Troyer, to United States of America, Atomic Energy Commission. Sealing means. 3,166,133, 1–19–65, Cl. 177—135.
Hall, Donivan L., R. F. Orr, and R. B. Williams, Jr., to Toledo Scale Corp. Weight and center of gravity computing apparatus. 3,221,543, 12–7–65, Cl. 73—65.
Hall, Edward C. Metal forming apparatus. 3,198,933, 8–3–65, Cl. 219—154.
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Hall, Emmett A. Automatic fish catcher. 3,170,262, 2–23–65, Cl. 43—15.
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Hall, Ernest A., to The White-Evans Elevator Co., Inc. Silencer device for hydraulic jacks. 3,165,166, 1–12–65, Cl. 181—47.
Hall, Frank, and I. D. Rattee, to Imperial Chemical Industries Ltd. Reactive dyestuffs having a dithiocarbamyl-substituted triazine ring substituent. 3,186,979, 6–1–65, Cl. 260—153.
Hall, Fred C. Reel loader. 3,184,082, 5–18–65, Cl. 214—77.
Hall, Fred V., to B. Walker. Device for controlling the hydrocarbon evaporation losses from automotive vehicles. 3,191 587, 6–29–65, Cl. 123—136.
Hall, George D., to Thornhill-Craver Co. Automatic high-low pressure cutoff. 3,166,092, 1–19–65, Cl. 137—458.
Hall, George E., D. B. Lester, and H. J. Brax, to W. R. Grace & Co. Cellular-ribbed battery plate separator. 3,205,098, 9–7–65, Cl. 136—145.
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Hall, George W., G. C. Harper, Jr., and F. W. Songer, to Pittsburgh-Des Moines Steel Co. Method of making large diameter accordion type expansion joints. 3,191,287, 6–29–65, Cl. 29—454.
Hall, Glenn R. Insulators for fixtures. 3,203,653, 8–31–65, Cl. 248—54.
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Hall, Harry H.: *See*—
Keller, Ann S., and Hall. 3,193,407.
Hall, Henry K., Jr., to E. I. du Pont de Nemours and Co. Polymers from N-hetero-bicyclo alkanes and process for producing same. 3,165,482, 1–12–65, Cl. 260—2.
Hall, Horace N., to E. J. Lavino and Co. Refractory brick and furnace construction. Re. 25,755, 4–6–65, Cl. 110—99.
Hall, Howard T., to Research Corp. Guide means for high pressure press. 3,182,353, 5–11–65, Cl. 18—16.
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Hall, Hugh E., Jr., to Texaco Inc. Device for calibrating radioactive well logging apparatus. 3,215,837, 11–2–65, Cl. 250—83.
Hall, Hugh E., Jr., to Texaco Inc. Radioactivity well logging for detecting hydrogen and chlorine. 3,219,820, 11–23–65, Cl. 250—83.3.
Hall, Irvin G., and N. Casagrande, to The Air Preheater Co., Inc. Rotary heat exchanger. 3,216,486, 11–9–65, Cl. 165—8.
Hall, J. A., and R. L. Tucker, to Sinclair Research, Inc. Method for reproducing a seismogram. 3,208,073, 9–21–65, Cl. 346—1.
Hall, James R., to Radio Corp. of America. Phase responsive motor speed control system. 3.174,090, 3–16–65, Cl. 318—314.
Hall, James R., to Radio Corp. of America. Control systems. 3,175,159, 3–23–65, Cl. 328—155.
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Hall, Jesse E., Sr., to Trojan, Inc. Strong bow centralizer. 3,209,836, 10–5–65, Cl. 166—241.
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Hall, John B., Jr., J. C. Brady, and S. B. Price, to United States of America, National Aeronautics and Space Administration. Surface roughness detector. 3,208,272, 9–28–65, Cl. 73—105.
Hall, John N., and W. A. Cook, to Joseph Bancroft & Sons Co. Apparatus for making bulked yarn. 3,208,125, 9–28–65, Cl. 28—4.
Hall, John W., to Bristol Siddeley Engines, Ltd. System including two or more prime movers for driving a common load. 3,214,998, 11–2–65, Cl. 74—661.
Hall, Joseph F., Jr., to Bausch & Lomb Inc. Laboratory sun simulator. 3,202,811, 8–24–65, Cl. 240—1.1.
Hall, Joseph F., Jr., to Bausch & Lomb Inc. Radiant energy absorption system including heat sinks for removal of energy from a system. 3,719,802, 4–20–65, Cl. 250—83.3.
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Hall, Kenneth J., to Girling Ltd. Disc for disc brakes. 3,194,347, 7–13–65, Cl. 188—18.
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Hall, Lewis W., Jr., to Sun Oil Co. Propylene dimerization. 3,219,723, 11–23–65, Cl. 260—683.15.
Hall, Lewis W., Jr., to Sun Oil Co. Preparation of methylpentenes. 3,219,724, 11–23–65, Cl. 260—683.15.
Hall, Llewellyn J., to Wayne Mfg. Co. Wood chipper with adjustable bed knife. 3,195,592, 7–20–65, Cl. 144—172.
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Hall, Mitchell A. Adaptor for coin slide. 3,204,743, 9–7–65, Cl. 194—92.
Hall, Natt A. Brooder system. 3,196,834, 7–27–65, Cl. 119—34.
Hall, Peter M., and E. F. Townsend. Control system for four-way reversing valve. 3,212,527, 10–19–65, Cl. 137—625.43.
Hall, Pollock and Vande Sande: *See*—
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Hall, Ralph W., to Textron, Inc. Roll stand for a tubing mill. 3,181,333, 5–4–65, Cl. 72—240.
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Hall, Raymond L., to Ski-Dek Corp. Apparatus for guiding wide belts. 3,164,247, 1–5–65, Cl. 198—202.
Hall, Raymond L. Rotating circular ski slope. 3,195,889, 7–20–65, Cl. 272—56.5.
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Hall, Robert D., to Sylvania Electric Products Inc. Microwave filter insertable within outer wall of coaxial line. 3,167,729, 1–26–65, Cl. 333—73.
Hall, Robert D., and R. D. Stewart, to Sylvania Electric Products Inc. Microwave switch. 3,179,816, 4–20–65, Cl. 307—88.5.
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Hall, Robert L. Firearm trigger lock. 3,164,919, 1–12–65, Cl. 42—70.
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Hall, Robert N., to General Electric Co. Non-rectifying contacts to silicon carbide. 3,201,666, 8–17–65, Cl. 317—237.
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Hall, Russell V. Air supported lawn mower. 3,170,276, 2–23–65, Cl. 56—25.4.
Hall, St. John M., to Scovill Mfg. Co. Snap fastener attaching machine. 3,225,993, 12–28–65, Cl. 227—18.
Hall, Thomas A., to Youngstown Sheet and Tube Co. Metallurgical furnace roof. 3,198,148, 8–3–65, Cl. 110—99.
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Hall, Walter B., Jr., to General Motors Corp. Refrigerating apparatus. 3,225,561, 12–28–65, Cl. 62—262.
Hall, Walter J., to Sawyers Research Development Corp. Slide projector using a box or circular slide magazine. 3,209,647, 10–5–65, Cl. 88—27.
Hall, Walter J., to Sawyers Research Development Corp. Detachable control means for slide projectors or the like. 3,221,598, 12–7–65, Cl. 88—28.
Hall, William B., to United States of America, Air Force. Coated columbium article. 3,198,653, 8–3–65, Cl. 117—70.
Hall, William C., to Chemtree Corp. Radiation shielding composition comprising carbon and lead dispersed in cement. 3,207,705, 9–21–65, Cl. 252—478.
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Hall, William G., to Bell Telephone Laboratories, Inc. Selectable characteristic compandor for pulse code transmission. 3,180,939, 4–27–65, Cl. 179—15.
Hall, William R. Filtering systems. 3,167,435, 1–26–65, Cl. 99—118.
Hall, William R., and L. O. Cederwall. Mixing apparatus. 3,173,665, 3–16–65, Cl. 259—72.
Halladin, Karl F.: *See*—
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Hallatt, Robert J., deceased, by C. A. Whitebook, executor, to R. L. Rorschach. Process of refrigeration. 3,166,914, 1–26–65, Cl. 62—10.
Hallatt, Robert J., deceased, by C. A. Whitebook, executor, to R. L. Rorschach. Absorber-stripper unit for an absorption-refrigeration system. 3,166,917, 1–26–65, Cl. 62—496.

Hallauer, Walter, to Schweizerische Aluminium A.G. Composite frame. 3,225,502, 12–28–65, Cl. 52—461.
Hallburg, Gerald M. Moving sign display device. 3,225,471, 12–28–65, Cl. 40—36.
Hallberg, Irving H., to Borg-Warner Corp. Unthrottled internal combustion engine. 3,166,051, 1–19–65, Cl. 123—32.
Hallberg, Irving H., to Borg-Warner Corp. Hydrostatic transmission anti-stall valve. 3,213,617, 10–26–65, Cl. 60—53.
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Hallden, Frederick C., L. S. Conover, Jr., J. J. Farkas, and H. Curtis, to Cutler-Hammer, Inc. Data accumulation systems. 3,225,332, 12–21–65, Cl. 340—172.5.
Halle, Roger J. Door and window structures for buildings. 3,198,297, 8–3–65, Cl. 189—46.
Halleck, Frank E., to The Pillsbury Co. Method of treating soil. 3,214,866, 11–2–65, Cl. 47—58.
Hallen, Alf E. Derricks for ships. 3,219,197, 11–23–65, Cl. 212—3.
Hallenbeck, Victor L., to The B. F. Goodrich Co. Non-scorching curable carboxylic polymer compositions. 3,178,389, 4–13–65, Cl. 260—41.5.
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Haller, Ernest R., to Societe Anonyme de Technique Chimique Stecco. Method and apparatus for grinding solid particles. 3,204,880, 9–7–65, Cl. 241—29.
Haller, John. Molding apparatus. 3,200,442, 8–17–65, Cl. 18—16.5.
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Haller, John N. Hydraulic compacting press. 3,191,232, 6–29–65, Cl. 18—16.7.
Haller, Paul. Propulsion apparatus. 3,177,660, 4–13–65, Cl. 60—39.34.
Hallerback, Stig L., to W. Dan Bergman, Aktiebolaget. Pumps with incorporated motor. 3,164,096, 1–5–65, Cl. 103—87.
Hallerbäck, Stig L. Cooking vessels with a pouring lip. 3,225,975, 12–28–65, Cl. 222—572.
Hallerberg, Don M. Shock proof switch assembly using interrupter means to disable actuating means. 3,176,105, 3–30–65, Cl. 200—153.
Hallerberg, Don M., to Master Specialties Co. Illuminated signalling unit with light directing means. 3,220,001, 11–23–65, Cl. 340—381.
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Hallesy, Harold W., to The Boeing Co. Foot seal. 3,218,087, 11–16–65, Cl. 277—112.
Hallett, Henry A., to Cheltenham Auto Controls Ltd. Pneumatic transmitters. 3,199,351, 8–10–65, Cl. 73—316.
Halleux, Hubert, to Societe Alsacienne de Constructions Mecaniques. Fiber processing system. 3,192,571, 7–6–65, Cl. 19—65.
Hallez, Charles P., to D. Boart. Cutting disc with diamonded segments. 3,203,140, 8–31–65, Cl. 51—206.
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Hallmark, Clyde E., and R. E. Martin, to TRW Inc. Automatic analog matrix computer. 3,218,443, 11–16–65, Cl. 235—180.
Hallnan, Edwin J. Plural comb unit with staggered tooth rows for cleaning and waving hair. 3,216,428, 11–9–65, Cl. 132—136.
Hallock, Albert W., and G. S. Mistler. Telescopic roof cover construction for automotive vehicles. 3,165,352, 1–12–65, Cl. 296—100.
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Halloran, Thomas G. Stage curtain and drop support bracket. 3,172,635, 3–9–65, Cl. 248—251.
Hallowell, Howard T., Jr., to Standard Pressed Steel Co. Twist-off nut. 3,174,385, 3–23–65, Cl. 85—61.
Hallowell, Howard T., Jr., to Standard Pressed Steel Co. Refractory-lined tundishes. 3,203,689, 8–31–65, Cl. 266—43.
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Halls, Lawrence M., to Sperry Rand Corp. Mower mounting apparatus. 3,181,288, 5–4–65, Cl. 56—25.
Halls, Lawrence M., to Sperry Rand Corp. Material handling apparatus-front lift type. 3,215,292, 11–2–65, Cl. 214—140.
Hallsworth, Arnold, to British Crane & Excavator Corp. Ltd. Rotatable seat and steering column arrangement for vehicles. 3,195,913, 7–20–65, Cl. 280—87.
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Halpern, Alfred, to Synergistics, Inc. Gamma-aminobutyryl nicotinate for neurogenic vasospasm. 3,172,812, 3–9–65, Cl. 167—65.
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Halpern, Benjamin D., and J. Dickstein, to The Borden Co. Polyhaloxylenol quaternary ammonium salts. 3,219,698, 11–23–65, Cl. 260—567.6.
Halpern, Benjamin D., J. Dickstein, G. Kitazawa, and R. Hoegerle, to The Borden Co. 2-methylenemalonic acid ester contact adhesive compositions. 3,197,318, 7–27–65, Cl. 106—208.
Halpern, Benjamin D., R. B. Dean, and V. B. Gardner, to The Borden Co. Formaldehyde stabilization. 3,183,271, 5–11–65, Cl. 260—606.
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Halpern, Michel. Adapter for laboratory filter equipment. 3,214,025, 10–26–65, Cl. 210—250.
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Timberlake, John R., Halstensgard, and Thayer. 3,213,900.
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Hammerly, Herman J., to General Electric Co. Trip-free circuit breaker with manually operated contact deflecting means. 3,171,919, 3–2–65, Cl. 200—88.
Hammers, Raymond J., to Trasco Inc. Cutting tool holder. 3,189,975, 6–22–65, Cl. 29—96.
Hammers, Raymond J., to Trasco Inc. Holders for cutting inserts. 3,220,089, 11–30–65, Cl. 29—96.
Hammerstein, Henry A.: *See*—
Ariessohn, Edmond R., Hammerstein, and Shepherd. 3,190,950.
Ariessohn, Edmond R., Hammerstein, and Shepherd. 3,215,823.
Hammerstrom, Henry H., and L. B. Woodruff. Variable reluctance generator having a rotor winding. 3,184,628, 5–18–65, Cl. 310—168.
Hammes, Josef J., and B. E. Bickel, to Lowell Mfg. Co. Gas lantern and loud speaker housing. 3,184,586, 5–18–65, Cl. 240—2.
Hammesfahr, Willi, to Gebr. Happich, G.m.b.H. Holder grip, particularly for motor vehicles. 3,183,549, 5–18–65, Cl. 16—125.
Hammett, Robert L. Automatic logging method. 3,175,221, 3–23–65, Cl. 346—1.
Hammick, Frederick C., to MacLane Mfg. Co. Ltd. Internal combustion engine. 3,200,799, 8–17–65, Cl. 123—53.
Hammitt, Andrew B. Partition assembly. 3,209,869, 10–5–65, Cl. 189—36.
Hammon, George L., to Hammon Precision Equipment Co. Valve and restrictor for gas torches. 3,182,334, 5–4–65, Cl. 251—121.
Hammon, George L., to Hammon Precision Equipment Co. Gas torches. 3,192,987, 7–6–65, Cl. 158—27.4.
Hammon, George L., to Hammon Precision Equipment Co. Flame hardening mechanism. 3,193,269, 7–6–65, Cl. 266—5.
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Hammon, Otto, W. H. Colbert, and D. Gambrell, to Baldwin-Lima-Hamilton Corp. Multiplaten press. 3,202,088, 8–24–65, Cl. 100—53.
Hammon Precision Equipment Co.: *See*—
Hammon, George L. 3,182,334.
Hammon, George L. 3,192,987.
Hammon, George L. 3,193,269.
Hammond, Albert S., to Weyerhaeuser Co. Apparatus for automatically cutting defective veneer sheets. 3,165,961, 1–19–65, Cl. 83—365.
Hammond, Daniel O. Tracheal cannula. 3,175,557, 3–30–65, Cl. 128—351.
Hammond, David L., to United States of America, Air Force. Device for providing spin rocket pre-release dwell time. 3,185,037, 5–25–65, Cl. 89—1.7.
Hammond, Frank. Parachute toys. 3,205,613, 9–14–65, Cl. 46—86.
Hammond, Frank, E. F. Robin, and P. Gauthier, to Northern Electric Co. Ltd. Electrical connector. 3,169,816, 2–16–65, Cl. 339—110.
Hammond, Fred H., Jr., to The Kendall Co. Tack testing apparatus. 3,214,971, 11–2–65, Cl. 73—150.
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Hammond, James D., and M. J. Stevens, to Socony Mobil Oil Co., Inc. High temperature heat exchange. 3,223,746, 12–14–65, Cl. 260—672.
Hammond, James W., and G. B. Ensminger, to Curtiss-Wright Corp. System and mechanism for dispensing fluids. 3,165,128, 1–12–65, Cl. 141—209.
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Hammond, John E., to National Distillers and Chemical Corp. Coated polyolefin film and moisture emitting product enclosed therein. 3,205,077, 9–7–65, Cl. 99—174.
Hammond, John E., to National Distillers and Chemical Corp. Polyolefin packaging film. 3,222,210, 12–7–65, Cl. 117—68.
Hammond, John S., III: *See*—
Kaufman, Bruce A., and Hammond. 3,211,921.

Hammond, Joseph P., to United States of America, Atomic Energy Commission. Process for sintering uranium nitride with a sintering air depressant. 3,213,032, 10–19–65, Cl. 252—301.1.

Hammond, Joseph P., and T. D. Watts, to United States of America, Atomic Energy Commission. Method of fabricating a composite nuclear fuel core element. 3,198,856, 8–3–65, Cl. 264—.5.

Hammond, Leonard W. Core-pulling mechanism for casting dies. 3,197,825, 8–3–65, Cl. 22—93.

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Bell, Ramsay M. 3,181,282.
Robischung, Phillip J. 3,209,495.
Robischung, Phillip J. 3,209,496.
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Tuttle, Philip B. 3,181,283.
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Hammond, Robert J., to V-M Corp. Electrical signal delay apparatus. 3,185,968, 5–25–65, Cl. 340—173.

Hammond, Robert J., to V-M Corp. Drive yoke for phonograph pickups. 3,201,132, 8–17–65, Cl. 274—37.

Hammond, Robert J., to V-M Corp. Cartridge mounting mechanism for phonograph tone arm. 3,204,968, 9–7–65, Cl. 274—37.

Hammond, Roland P., to United States of America, Atomic Energy Commission. Paste reactor. 3,170,843, 2–23–65, Cl. 176—18.

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Hamon, Ray C., to Union Carbide Corp. Egg albumin compositions. 3,201,257, 8–17–65, Cl. 99—113.

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Hampel, Thomas E., to American Gas Association, Inc. Grease vapor incinerator. 3,164,445, 1–5–65, Cl. 23—277.

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Hampl, Jan., to Meopta, narodni podnik. Motion picture camera. 3,193,210, 7–6–65, Cl. 242—71.2.

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Hampson, Horace N., to Shell Oil Co. Tertiary aminophenol catalytic polyurethane production. 3,222,303, 12–7–65, Cl. 260—2.5.

Hampson, John C., to Rockwell-Standard Corp. Method of forming a sinuous spring strip. 3,191,636, 6–29–65, Cl. 140—71.

Hampton, Andrew T., ½ to George R. Soseman. Plural output pump. 3,178,888, 4–20–65, Cl. 60—52.

Hampton, Andrew V., and C. S. Morris, to Caterpillar Tractor Co. Lock for hydraulically controlled transmission. 3,165,181, 1–12–65, Cl. 192—4.

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Hampton, Hugh H. Pencil sharpeners. 3,183,894, 5–18–65, Cl. 120—92.

Hampton, John L., to Petrolite Corp. Well device. 3,223,-167, 12–14–65, Cl. 166—75.

Hampton, Lynn F., to Columbus Bolt & Forging Co., a division of Colorado Oil and Gas Corp. Self-locking threaded fastener. 3,196,918, 7–27–65, Cl. 151—22.

Hampton, William B. and W. D., to Oil Vac Filters Corp. Apparatus for cleaning gases. 3,173,775, 3–16–65, Cl. 55—224.

Hampton, William C., to American Instrument Co., Inc. Pyrolyzer for gas chromatography apparatus. 3,179,499, 4–20–65, Cl. 23—253.

Hampton, William C., to American Instrument Co., Inc. Pyrolyzer assembly. 3,186,801, 6–1–65, Cl. 23—253.

Hampton, William C., to American Instrument Co., Inc. Radio frequency cell for gas chromatography. 3,223,873, 12–14–65, Cl. 313—161.

Hampton, William D.: *See*—
Hampton, William B. 3,173,775.

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Hamsher, Donald H., H. W. Parmer, and A. C. Prichard, to United States of America, Army. Non-synchronous multiplex communication system. 3,197,563, 7–27–65, Cl. 179—15.

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Peach, Richard G. 3,186,424.
Peach, Richard G. 3,186,806.

Hanahan, W. O.: *See*—
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Hanai, Mikihiko. Molding machines. 3,210,805, 10–12–65, Cl. 18—20.

Hanano, Jitsuo. Electric circuit for dimming vehicle lights. 3,201,643, 8–17–65, Cl. 315—83.

Hancart, Aimé, to La Couvinoise, S.A. Hot air generator. 3,200,810, 8–17–65, Cl. 126—110.

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Miches, Frank L., Sr. 3,193,073.

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Hancock, James L., J. A. Bliss, and G. F. Seagreaves, to General Motors Corp. Motor mountable safety capacitor package. 3,210,457, 10–5–65, Cl. 174—48.

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Firth, Donald, and Hancock. 3,175,354.
Firth, Donald, and Hancock. 3,187,498.
Firth, Donald, and Hancock. 3,187,681.
Firth, Donald, and Hancock. 3,200,761.
Firth, Donald, and Hancock. 3,204,569.
Firth, Donald, and Hancock. 3,204,570.
Firth, Donald, Hancock, and Meade. 3,202,106.

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Hancy, Raymond E. Educational device. 3,197,892, 8–3–65, Cl. 35—37.

Hand, Albert M., to General American Transportation Corp. Systems for transferring demountable freight containers between movable vehicles and external supports. 3,204,-796, 9–7–65, Cl. 214—515.

Hand, Albert M., to General American Transportation Corp. Freight transportation systems provided with side-transfer facilities. 3,219,218, 11–23–65, Cl. 214—516.

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Hand, Ross L., Jr., to Lockheed Aircraft Corp. Elevation finder for infrared device. 3,204,102, 8–31–65, Cl. 250—83.3.

Hand, Ross L., Jr., to Lockheed Aircraft Corp. Azimuth-elevation plotter. 3,220,010, 11–23–65, Cl. 346—33.

Hand, Ross L., Jr., and R. C. Sessing, to Lockheed Aircraft Corp. Cryogenic flask for a cooled infrared detector including an evacuated space for the infrared detector. 3,180,989, 4–27–65, Cl. 250—83.3.

Hand, Ross L., Jr., E. S. Brumfield, and E. W. Kutzscher, to Lockheed Aircraft Corp. Compact infrared search system. 3,219,824, 11–23–65, Cl. 250—83.3.

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Handley, Harold E., to Textron Inc. Safety control system for fluid distribution and apparatus. 3,166,084, 1–19–65, Cl. 137—77.
Handley, Harold E., to McGraw-Edison Co. Tapered structural member and method of making the same. 3,196,990, 7–27–65, Cl. 189—23.
Handley Industries, Inc.: *See*—
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Handley, Joe G., and W. J. Saloga, to Associated Protective Coatings, Inc. Apparatus for internally coating small diameter pipe. 3,180,312, 4–27–65, Cl. 118—302.
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Handwerk, Joseph H., G. D. White, and P. D. Shalek, to United States of America, Atomic Energy Commission. Uranium monosulfide-monocarbide nuclear fuel element. 3,194,745, 7–13–65, Cl. 176—67.
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Hanel, Klaus. Collapsible boat. 3,170,174, 2–23–65, Cl. 9—2.
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Hanes, Lewis F., C. L. Seefluth, and E. C. Beason, Jr., to Phillips Petroleum Co. Apparatus for welding thermoplastic forms. 3,175,939, 3–30–65, Cl. 156—499.
Hanes, Robert H., to Minnesota Mining and Mfg. Co. Tape reel. 3,208,688, 9–28–65, Cl. 242—74.2.
Haney, Donald W., and J. E. Hawxhurst, to International Business Machines Corp. Sheet handling apparatus. 3,182,993, 5–11–65, Cl. 271—47.
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Hanifan, William A., to General Motors Corp. Dishwashing oscillating spray tube. 3,178,117, 4–13–65, Cl. 239—242.
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Hanko, Emma M. and W. B. Women's boot heel construction. 3,195,245, 7–20–65, Cl. 36—7.3.
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Hanks, Charles W., to Stauffer Chemical Co. Electron beam furnace with low beam source. 3,177,535, 4–13–65, Cl. 22—57.2.
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Hanlein, Walter: *See*—
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Hänlein, Walter, and H. Schreiner, to Siemens-Schuckertwerke Aktiengesellschaft. Thermoelectric devices, and method and apparatus for producing thin thermocouple legs by extrusion. 3,220,199, 11–30–65, Cl. 62—3.
Hanlein, Walter, and K.-G. Gunther, to Siemens-Schuckertwerke Aktiengesellschaft. Mass spectrometer with particular ion source for analysis of solid bodies. 3,223,836, 12–14–65, Cl. 250—41.9.
Hanley, Harvey H., and A. E. Hanson, Jr. Double vortex combustion chamber apparatus. 3,200,870, 8–17–65, Cl. 158—4.
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Hanmer, Robert S., to Phillips Petroleum Co. Production of polymer-carbon black masterbatch. 3,203,922, 8–31–65, Cl. 260—41.5.
Hann, Kenneth G., to Somerset Wire Co. Ltd. Prestressing wire and method of manufacturing the same. 3,196,052, 7–20–65, Cl. 148—12.
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Hann, Melvin M., and R. L. Power, to Sundstrand Corp. Pump or motor device. 3,191,543, 6–29–65, Cl. 103—162.
Hann, Robert A., to United States of America, Agriculture. Process for reducing springback in pressed wood products. 3,173,460, 3–16–65, Cl. 144—309.
Hanna, Allyn R. Vertically movable table. 3,212,367, 10–19–65, Cl. 77—63.
Hanna, Delbert L., to Velsicol Chemical Corp. Process for preparing 2-methoxy-3,5,6-trichlorobenzoic acid. 3,210,414, 10–5–65, Cl. 260—521.
Hanna, Edward C., to Landis Machine Co. Apparatus for orienting workpieces. 3,178,002, 4–13–65, Cl. 193—43.
Hanna, Edward C., D. E. Youtz, and J. S. Rojahn, to Landis Machine Co. Apparatus for roll forming workpieces. 3,164,042, 1–5–65, Cl. 80—6.
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Morin, Louis H. 3,169,340.
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Hannah, Jack W. Film alignment and braking device. 3,184,177, 5–18–65, Cl. 242—55.12.
Hannah, Jack W. Teaching machine. 3,191,315, 6–29–65, Cl. 35—9.
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Hannam, Herbert J., to General Electric Co. Thin film storage electrode. 3,207,937, 9–21–65, Cl. 313—89.

Hannan, Peter W., and H. A. Wheeler, to United States of America, Army. Double-reflector antenna with critical dimensioning to achieve minimum aperture blocking. 3,218,643, 11–16–65, Cl. 343—756.

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Hannauer, George, Jr., E. M. Grimes, and C. H. Schaar, to The Kendall Co. Perforating machine and method of perforating. 3,214,795, 11–2–65, Cl. 18—10.

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Hannay, George A., to Clifford B. Hannay & Son, Inc. Static grounding reels. 3,176,931, 4–6–65, Cl. 242—107.7.

Hanneman, Robert G., to The R.G.H. Co., Inc. Composition for magnetic particle testing. 3,214,378, 10–26–65, Cl. 252—62.5.

Hanneman, Walter M., to Illinois Tool Works Inc. Milling machine for drill point thread cutting screw. 3,164,851, 1–12–65, Cl. 10—2.

Hanneman, Walter M., to Illinois Tool Works Inc. Thread forming screw having oval threads and a cutting edge. 3,192,819, 7–6–65, Cl. 85—47.

Hanneman, Walter W., to California Research Corp. Process for basic sulfurized metal phenates. 3,178,368, 4–13–65, Cl. 252—33.4.

Hannemann, Heinz: *See*—
Burkhardt, Gisbert, Hoyer, and Hannemann. 3,180,988.

Hanner, George E.: *See*—
Sutton, Earl E., and Hanner. 3,172,999.

Hanne-Wiame, Emile A., to Eugene Goffart & Cie. Mixing apparatus. 3,194,539, 7–13–65, Cl. 259—4.

Hanni, Eduard. Adjustable machine frame support providing alternate positions for mounting a pivoted operating arm. 3,212,830, 10–19–65, Cl. 308—22.

Hannicq, Jacques G. L., and Y.-J. F. Brette, to Machines Bull (Societe Anonyme), Compagnie des. Plural motor control for coordinating the operation of various sections of of data processing systems. 3,174,087, 3–16–65, Cl. 318—75.

Hannicq, Jacques G. L., and Y.-J. F. Brette, to Machines Bull (Societe Anonyme), Compagnie des. Apparatus for coordinating the operations of various sections of data processing systems. 3,174,136, 3–16–65, Cl. 340—172.5.

Hannigan, Mary V.: *See*—
Windus, Wallace, and Hannigan. 3,189,403.

Hannon, Donald C., to The Plessey Co. Ltd. Circuit for generating a narrow band signal for digital data transmission over telephone lines. 3,206,678, 9–14–65, Cl. 325—163.

Hannon, F. R., & Sons, Inc.: *See*—
Hannon, Thomas W. 3,195,725.

Hannon, Harry B. Receptacle and bucket support. 3,220,682, 11–30–65, Cl. 248—211.

Hannon, Thomas W., to F. R. Hannon & Sons, Inc. Electrically heated screen construction and method. 3,195,725, Cl. 209—238.

Hannon, William F., to The Fafnir Bearing Co. Grinding machine. 3,169,351, 2–16–65, Cl. 51—103.

Hannon, William F., to The Fafnir Bearing Co. Apparatus for grinding a bevel on circular objects. 3,182,428, 5–11–65, Cl. 51—118.

Hannon, William J., Jr., to The Macbick Co. Container and closure therefor. 3,216,603, 11–9–65, Cl. 215—56.

Hannula, Leslie A., M. B. Schaffer, and E. S. Ertl, to Acoustics Development Corp. Wall mounted telephone booth. 3,164,868, 1–12–65, Cl. 20—3.5.

Hanold, Paul A.: *See*—
Foster, Jack V., and Hanold. 3,204,062.

Hanold, Paul A., to American Machine & Foundry Co. Armature mounting means for electromagnetic relays. 3,187,141, 6–1–65, Cl. 200—87.

Hanon, Leroy C., to Ferro Corp. Heating unit. 3,200,237, 8–10–65, Cl. 219—451.

Hanotier, Jacques D. V.: *See*—
De Radzitzky d'Ostrowick, Pierre M. J. G., and Hanotier. 3,177,234.
De Radzitzky d'Ostrowick, Pierre M. J. G., and Hanotier. 3,177,235.
De Radzitzky d'Ostrowick, Pierre M. J. G., and Hanotier. 3,177,266.

Hanover, Kenneth A.: *See*—
Russell, Edward L., and Hanover. 3,201,455.

Hanover Tool Co., Inc.: *See*—
Meckley, George E. 3,190,316.

Hanrahan, Francis P., to United States of America, Agriculture. Method of spray drying liquid food products. 3,222,193, 12–7–65, Cl. 99—203.

Hanrahan, Francis P., R. W. Bell, and B. H. Webb, to United States of America, Agriculture. Process for making puff spray dried nonfat dry milk and related products. 3,185,580, 5–25–65, Cl. 99—203.

Hanrahan, William J., to American Envelope Co. Multiple copy business report assembly. 3,186,735, 6–1–65, Cl. 282—25.

Hansa, John R.: *See*—
Melcer, Irving, and Hansa. 3,168,448.

Hansalik, Frederick. Kaiser roll reversing machine. 3,215,286, 11–2–65, Cl. 214—1.

Hansberg, Fritz. Support for control slide of core and mold making machine. 3,174,196, 3–23–65, Cl. 22—10.

Hansberg, Fritz. Seal for the pressure frame of a core and mold making machine. 3,212,141, 10–19–65, Cl. 22—10.

Hansberg, Fritz. Seal for control slide of core and mold making machine. 3,225,396, 12–28–65, Cl. 22—10.

Hanse, Albert B.: *See*—
Vifian, Paul R., and Hanse. 3,204,882.

Hanse, Albert B., and L. N. Kint, to Pettibone Mulliken Corp. Apparatus for crushing rock or the like including a swinging breaker bar. 3,170,643, 2–23–65, Cl. 241—189.

Hansel, Otto, G.m.b.H.: *See*—
Hansel, Otto, Jr., and Lesch. 3,177,630.
Lesch, Hans. 3,204,756.

Hansel, Otto, Jr., and H. Lesch, to Otto Hansel, Jr. G.m.b.H. Apparatus to form piles of flat, fragile objects for subsequent packing. 3,177,630, 4–13–65, Cl. 53—240.

Hansel, Paul G., to Servo Corp. of America. Doppler omnirange navigational system. 3,173,140, 3–9–65, Cl. 343—106.

Hansel, Paul G., to Servo Corp. of America. Radio navigation system. 3,183,507, 5–11–65, Cl. 343—106.

Hansel, Paul G., to Servo Corp. of America. Radiosonde and tracking system. 3,199,101, 8–3–65, Cl. 343—7.6.

Hansel, Paul G., and H. H. Waller, to Servo Corp. of America. Data transmission and resolving system. 3,177,478, 4–6–65, Cl. 340—209.

Hansel, Paul G., W. H. Paulstich, and F. G. Richter, to Servo Corp. of America. Commutator with antenna-interaction suppressor. 3,213,458, 10–19–65, Cl. 343—876.

Hansel, William B.: *See*—
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Hanselmann, Frank. Windshield cleaning device. 3,169,676, 2–16–65, Cl. 222—373.

Hansen, Andrew C., Jr., to Universal Oil Products Co. Radial flow reactor. 3,167,399, 1–26–65, Cl. 23—288.

Hansen, Burton R. Convertible jaw pliers. 3,176,551, 4–6–65, Cl. 81—423.

Hansen, Carl W., to Laboratory for Electronics, Inc. Collimator system for beta radiation thickness gauge sensor. 3,185,843, 5–25–65, Cl. 250—83.3.

Hansen, Carl W., to Laboratory for Electronics, Inc. Moisture gauging system. 3,216,241, 11–9–65, Cl. 73—75.

Hansen, Carl W., and P. J. Clack, to Laboratory for Electronics, Inc. Coin identification apparatus utilizing radiation bombardment. 3,188,471, 6–8–65, Cl. 250—83.3.

Hansen, Carl W., and A. Cedrone, to Laboratory for Electronics, Inc. Averaging system. 3,191,015, 6–22–65, Cl. 235—183.

Hansen, Charles C., to Refrigerating Specialties Co. Refrigeration pressure regulator. 3,189,041, 6–15–65, Cl. 137—489.5.

Hansen, Charles L. Collapsible upright pasting surface. 3,169,080, 2–9–65, Cl. 118—42.

Hansen, Christie L. Line attaching device. 3,173,222, 3–16–65, Cl. 43—44.91.

Hansen, Clarence W. Fish lure retriever. 3,178,846, 4–20–65, Cl. 43—17.2.

Hansen, Claude A. Electrical component securing means. 3,197,164, 7–27–65, Cl. 248—71.

Hansen, Edward F. Liquid-solid separating apparatus. 3,168,033, 2–2–65, Cl. 100—179.

Hansen, Elmer K. Barrel grab assembly for fork lift vehicle. 3,172,693, 3–9–65, Cl. 294—90.

Hansen, Elmer K. Material unloading vehicle. 3,189,202, 6–15–65, Cl. 214—83.36.

Hansen, Elmer K. Variable volume auger assembly. 3,197,075, 7–27–65, Cl. 222—134.

Hansen, Elmer K. Positive parking brake. 3,200,907, 8–17–65, Cl. 188—69.

Hansen, Elmer K. Bulk material blending and unloading vehicle. 3,215,408, 11–2–65, Cl. 259—9.

Hansen, Elmer K. Carton grab assembly for lift vehicles. 3,223,265, 12–14–65, Cl. 214—650.

Hansen, Francis F. Monoglycerol-fatty acid preparation. 3,216,829, 11–9–65, Cl. 99—118.

Hansen, George. Silo discharge unit. 3,173,529, 3–16–65, Cl. 193—17.

Hansen, George E., C. R. Stone, and A. Korzenowski, to Crane Co. Ball valve with flexible bonnet. 3,168,900, 2–9–65, Cl. 137—454.6.

Hansen, George E., and A. Korzenowski, to Crane Co. Divided ball valve seat and trunnion. 3,171,431, 3–2–65, Cl. 137—454.6.

Hansen, Gunnar B. Structure for lettering scribers. 3,218,717, 11–23–65, Cl. 33—23.

Hansen, Gunnar B., and F. L. Johnson. Structure for lettering scribers. 3,189,05, 6–15–65, Cl. 120—98.

Hansen, Hans H., to The Taylor-Winfield Corp. Rotary current transfer device. 3,208,025, 9–21–65, Cl. 339—5.

Hansen, Harold V., to Deere & Co. Planter. 3,177,829, 4–13–65, Cl. 111—52.

Hansen, Harold V., to Deere & Co. Hitch device. 3,194,322, 7–13–65, Cl. 172—310.

Hansen, Harry. Apparatus and method for manufacturing slide fasteners. 3,197,537, 7–27–65, Cl. 264—287.

Hansen, Harry I. Tiltable saw. 3,172,437, 3–9–65, Cl. 144—238.

Hansen, Henry. Draft appliance. 3,195,668, 7–20–65, Cl. 180—14.5.

Hansen, Howard J., to The Hansen Mfg. Co. Tube coupling. 3,188,123, 6–8–65, Cl. 285—277.

Hansen, Jack T., and J. W. Broome, to The Oilgear Co. Speed control system. 3,225,542, 12–28–65, Cl. 60—53.

Hansen, Jerald P. Laminated bowling pin. 3,206,207, 9–14–65, Cl. 273—82.

Hansen, John A.: *See*—
Brainard, Wallace E., Hansen, Sedgwick, Sipek, and Baechle. Re. 25,737.
Hansen, John A., to United Aircraft Corp. Beam current control for electron beam machines. 3,177,434, 4–6–65, Cl. 328—267.
Hansen, John G., and J. R. Oagley, to Xerox Corp. Xerographic apparatus. 3,196,766, 7–27–65, Cl. 95—1.7.
Hansen, Kaj C. Liquid measuring apparatus. 3,216,251, 11–9–65, Cl. 73—223.
Hansen, Lloyd F., and G. S. Bott, to American Cyanamid Co. Rotary pigment printer for gelatin strip for capsules. 3,203,347, 8–31–65, Cl. 101—219.
Hansen, Louis H. Hat and miscellaneous hanger. 3,208,597, 9–28–65, Cl. 211—32.
Hansen, Louis I., to Archer-Daniels-Midland Co. Granular fertilizer having a plurality of coatings and the process of making. 3,223,518, 12–14–65, Cl. 71—64.
Hansen Mfg. Co., The: *See*—
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Hansen, Norbert E. F., and H. Flunkert, to North American Philips Co., Inc. Getter. 3,187,885, 6–8–65, Cl. 206—.4.
Hansen, Oscar C.: *See*—
Zibbell, Elmore L., and Hansen. 3,204,336.
Zibbell, Elmore L., and Hansen. 3,205,994.
Hansen, Oscar C., J. Pickles, and W. G. Gilmore, to Ferro Mfg. Corp. Adjustable vehicle seat and actuating mechanism therefor. 3,212,747, 10–19–65, Cl. 248—419.
Hansen, Quinten A., to R. H. and R. N. Stearns. Electromagnetic couplings. 3,172,514, 3–9–65, Cl. 192—84.
Hansen, Quinten A., to R. H. and R. N. Stearns. Spring-applied magnetically-released brake. 3,221,845, 12–7–65, Cl. 188—171.
Hansen, Ralph C., to Libbey-Owens-Ford Glass Co. Shipping rack for sheet materials. 3,193,093, 7–6–65, Cl. 206—62.
Hansen, Ramon D., and D. E. Bridenstine, to Edgerton, Germeshausen & Grier, Inc. Avalanche transistor circuit. 3,223,854, 12–14–65, Cl. 307—88.5.
Hansen, Reginald V. Air deflector for windshields. 3,214,215, 10–26–65, Cl. 296—91.
Hansen, Richard C., to Radio Corp. of America. Fluid applicator apparatus. 3,176,653, 4–6–65, Cl. 118—637.
Hansen, Robert. Cattle gate. 3,222,805, 12–14–65, Cl. 39—84.
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Hansen, Ronald R., to A. O. Smith Corp. Filament unwinding apparatus. 3,172,616, 3–9–65, Cl. 242—128.
Hansen, Royal E. Soil cultivator apparatus. 3,204,703, 9–7–65, Cl. 172—21.
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Duus, Steffen, and Hansen. 3,206,873.
Hansen, Rune D., to Dano Ingeniorforretning og Maskinfabrik. Ingenior Kai Peterson's Fond. Apparatus for the fermentation of solid organic materials. 3,171,723, 3–2–65, Cl. 23—259.1.
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Curtis, Daniel L., and Hansen. 3,173,248.
Webb, James E. 3,201,980.
Hansen, Siegfried, to Hughes Aircraft Co. Star-tracking system using a frequency modulated carrier wave. 3,165,632, 1–12–65, Cl. 250—203.
Hansen, Siegfried, to Hughes Aircraft Co. Thermal gas analyzer. 3,174,327, 3–23–65, Cl. 73—25.
Hansen, Volmer C. Device for continuous mixing of liquids. 3,208,468, 9–28–65, Cl. 137—266.
Hansen, Waldemar C., and J. D. McNulty, to McNulty Bros. Co. Plaster composition and method. 3,198,858, 8–3–65, Cl. 264—35.
Hansen, Warren T., and M. A. Wertheimer, to Gellman Mfg. Co. Multi-paper roll support for article wrapping machines. 3,204,887, 9–7–65, Cl. 242—64.
Hansen, Webster H., to Fred M. Greider. Tack cloth coated with plasticized synthetic resin and method for preparing same. 3,208,093, 9–28–65, Cl. 15—506.
Hansen, William P., Jr.: *See*—
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Hansen, William W. Tuck-lock carton and package. 3,224,577, 12–21–65, Cl. 206—65.
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Hansford, Kenneth R., A. L. Roberts, A. W. Evans, and W. Hughes, to British Titan Products Co. Ltd. Decomposition of iron sulphate. 3,195,981, 7–20–65, Cl. 23—177.
Hansjosten, Nikolaus. Shoes provided with intermediate soles. 3,190,016, 6–22–65, Cl. 36—2.5.
Hansjosten, Nikolaus. Mold for the production of shoes. 3,225,388, 12–28–65, Cl. 18—34.
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Hansler, Richard L., to General Electric Co. Optical filters and lamps embodying the same. 3,188,513, 6–8–65, Cl. 313—112.
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Greenberg, Harry, and Hansley. 3,223,691.
Hansley, Virgil L., L. F. Moormeier, and S. Schott, to National Distillers and Chemical Corp. Method of preparing fine hydrosulfite. 3,205,038, 9–7–65, Cl. 23—116.
Hansley, Virgil L., and L. F. Moormeier, to National Distillers and Chemical Corp. Method of purifying zinc hydrosulfite solution. 3,216,791, 11–9–65, Cl. 23—116.
Hansley, Virgil L., and F. K. Morgan, to National Distillers and Chemical Corp. Process for preparing sodium hydride. 3,222,288, 12–7–65, Cl. 252—182.
Hansom, Bernard S., to Wilkinson Sword Ltd. Cutters for grass and other vegetable matter. 3,186,151, 6–1–65, Cl. 56—25.4.
Hanson, Archibald E., Jr.: *See*—
Hanley, Harvey H., and Hanson. 3,200,870.
Hanson, Carl J. Fireplace stove. 3,199,503, 8–10–65, Cl. 126—25.
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Baumann, Dwight M., Hanson, and Shamie. 3,224,344.
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Landry, Theodore E., Jr., and Hanson. 3,173,370.
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Hanson, Elis D.: *See*—
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Hanson, Erick L., to United States of America, Army. Antenna stabilizing apparatus. 3,179,942, 4–20–65, Cl. 343—756.
Hanson, Frederick R., and W. D. Maxon, to The Upjohn Co. Process for the microbiological oxygenation of progesterone. 3,201,324, 8–17–65, Cl. 195—51.
Hanson, Glenn E., to Hanson Equipment Co. Snow removal apparatus having a hollow central horizontally extending auger. 3,164,913, 1–12–65, Cl. 37—43.
Hanson, Harley M., to Merck & Co., Inc. Anorectic compositions and method of using same. 3,215,598, 11–2–65, Cl. 167—55.
Hanson, Harold B.: *See*—
Hawley, Richard A., and Hanson. 3,166,007.
Hanson, Helen L., and L. R. Fletcher, to United States of America, Agriculture. Preparation of pre-cooked frozen poultry products. 3,169,069, 2–9–65, Cl. 99—194.
Hanson, Helmer C., and A. J. Kmetz. Controlled multiple switching unit. 3,176,091, 3–30–65, Cl. 200—46.
Hanson, Herbert G.: *See*—
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Hanson, John G. Sprinkler system support means. 3,193,205, 7–6–65, Cl. 239—276.
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Hanson, John R. Card holder with movable shutters and interchangeable cards for insertion therein and a second card holder with a spinner and interchangeable cards. 3,224,112, 12–21–65, Cl. 35—9.
Hanson, John R., and K. L. Johnson, to Betts Machine Co. Vehicle lamp. 3,226,537, 12–28–65, Cl. 240—8.2.
Hanson, Leroy C., to Ferro Corp. Heating unit. 3,183,341, 5–11–65, Cl. 219—455.
Hanson, Leroy C., to Ferro Corp. Surface unit disconnect. 3,184,580, 5–18–65, Cl. 219—451.
Hanson, Leroy C., to Ferro Corp. Heating unit. 3,188,449, 6–8–65, Cl. 219—455.
Hanson, Leroy C., to Ferro Corp. Heating unit. 3,201,567, 8–17–65, Cl. 219—450.
Hanson, Marlin M., P. E. Oberg, and R. W. Olmen, to Sperry Rand Corp. Ion bombardment cleaning and coating apparatus. 3,192,892, 7–6–65, Cl. 118—49.1.
Hanson, Newell B., to Hanson Silo Co. Silo unloader. 3,199,690, 8–10–65, Cl. 214—17.
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Hanson, Philip S., and R. E. Saxtan, to The Beryllium Corp. Forging brass alloy containing small amounts of beryllium. 3,166,410, 1–19–65. Cl. 75—153.
Hanson, Raymond A. Concrete consolidator for canal slipforms. 3,171,260, 3–2–65, Cl. 61—63.
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Hanson, Roy R., and E. A. Braden, ⅛ to W. H. Anderson, ¼ to J. H. Schierman, and ¼ to G. A. Blase. Space coolers.
Hanson, Rudolph A., E. J. Ziegler, J. E. Fischer, and J. R. West; said Hanson, Ziegler, and Fischer, assors. to Yard-Man, Inc.; said West assor. to The O. M. Scott & Sons Co. Lawn mower. 3,178,874, 4–20–65, Cl. 56—254.
3,189,262, 6–15–65, Cl. 230—140.
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Hanson, Wallace A., Jr. Fluid control device. 3,187,772, 6–8–65, Cl. 137—599.2.
Hanson, Wallace E., to Sample-Durick Co., Inc. Display carton. 3,165,200, 1–12–65, Cl. 206—45.14.
Hanson, William H., to Sperry Rand Corp. Digital adder and comparator circuits employing ternary logic elements. 3,210,529, 10–5–65, Cl. 235—176.

Hanson, William, Jr., and G. E. Gray, to Joy Mfg. Co. Conveyor device. 3,199,660, 8–10–65, Cl. 198—192.
Hanssen, Tore B., to King-Seeley Thermos Co. Temperature control of a body in heating apparatus. 3,212,709, 10–19–65, Cl. 236—15.
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Hansson, Ants, to Continental Can Co., Inc. Pneumatic reshaping of cans. 3,224,239, 12–21–65, Cl. 72—62.
Hansson, Ants, and R. M. Brick, to Continental Can Co., Inc. Method of making articles having base layers and integral fins projecting therefrom. 3,222,764, 12–14–65, Cl. 29—157.3.
Hansson, Lennart, to Allmanna Svenska Elektriska Aktiebolaget. Means for the ignition of parallel-working rectifier gate paths. 3,218,476, 11–16–65, Cl. 307—88.5.
Hant, William, and M. V. Kreismanis, to Hughes Aircraft Co. Severed traveling-wave tube with hybrid terminations. 3,181,023, 4–27–65, Cl. 315—3.5.
Hant, William, M. V. Kreismanis, and A. W. Scott, to Hughes Air Craft Co. Traveling-wave tube with trap means for preventing oscillation at unwanted frequencies. 3,221,204, 11–30–65, Cl. 315—3.5.
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Hantscho, George E. 3,208,377.
Hantscho, George, to George Hantscho Co., Inc. Coacting cylinders having skewed gaps to maintain balanced pressure contact. 3,166,012, 1–19–65, Cl. 101—220.
Hantscho, George E., to George Hantscho Co., Inc. Separating and folding apparatus for printing presses. 3,206,191, 9–14–65, Cl. 270—85.
Hantscho, George E., to George Hantscho Co., Inc. Printing press roller registering apparatus. 3,208,377, 9–28–65, Cl. 101—248.
Hanula, Richard M., to National Castings Co. Load gripping device for hoist. 3,191,984, 6–29–65, Cl. 294—83.
Hanulec, Joseph D., and C. E. Schwab, to Hazeltine Research Inc. Integrator for periodically recurring signals. 3,201,702, 8–17–65, Cl. 328—127.
Hanulec, Joseph D., and C. E. Schwab, to Hazeltine Research, Inc. Integrator for periodically recurring signals. 3,201,705, 8–17–65, Cl. 328—165.
Hanus, Edward J., and S. Siegel, to Merck & Co., Inc. Pyrilamine tannate compositions. 3,197,370, 7–27–65, Cl. 167—65.
Hanusiak, Dorothy H. Cordless travel iron. 3,168,641, 2–2–65, Cl. 219—250.
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Hanzalek, Frederick J., to Combustion Engineering, Inc. Power plant employing extraction steam for steam generation purposes. 3,169,373, 2–16–65, Cl. 60—67.
Hanzalek, Frederick J., to Combustion Engineering, Inc. Method and apparatus relating to vapor generation. 3,194,020, 7–13–65, Cl. 60—67.
Hanzalek, Frederick J., to Combustion Engineering, Inc. Vapor generating organization and method. 3,194,219, 7–13–65, Cl. 122—406.
Hanzawa, Mikio: *See*—
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Hapeman, Fred J. Rotary internal combustion engine. 3,181,512, 5–4–65, Cl. 123—16.
Happe, Reynold, to The Singer Co. Saw bar assembly for power driven reciprocating saws. 3,205,722, 9–14–65, Cl. 74—50.
Happe, Reynold, to The Singer Co. Electric switch with wire terminals insertable as switch contacts. 3,209,109, 9–28–65, Cl. 200—159.
Happe, Reynold, and L. R. Goetz, to The Singer Co. Load protection circuits. 3,225,280, 12–21–65, Cl. 318—246.
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Haried, John C. Heat pump system. 3,194,303, 7–13–65, Cl. 165—29.
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Harlan, Don L., and L. M. Hubby, to Texaco Inc. Well completion apparatus. 3,224,267, 12–21–65, Cl. 73—155.
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Harland, Philip W., C. J. Beer, and J. D. Fulmer, to Ametek, Inc. Safety lens for pressure gauge. 3,209,599, 10–5–65, Cl. 73—431.
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Harman, George L., to Bailey Meter Co. Control system for multiple-effect evaporators. 3,176,755, 4–6–65, Cl. 159—44.
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Harman, Marion W., to Monsanto Co. 2-(3,5-dimethyl-4-morpholinyl mercapto) benzothiazole. 3,177,213, 4–6–65, Cl. 260—247.1.
Harman, Marion W., to Monsanto Co. Cyanoalkylthiazolesulfenamides. 3,216,981, 11–9–65, Cl. 260—79.5.
Harman, Ward A., to General Electric Co. Low noise electron gun. 3,214,632, 10–26–65, Cl. 315—14.
Harmon, Albert D., to Sperry Rand Corp. Weighing head for weighing machine and method. 3,203,496, 8–31–65, Cl. 177—210.
Harmon, Albert D., and C. E. Monsees, to Sperry Rand Corp. Checkweigher reject mechanism. 3,167,171, 1–26–65, Cl. 198—41.
Harmon, Carlyle, and H. W. Griswold, to Johnson & Johnson. Methods and apparatus for treating sheet materials. 3,183,-137, 5–11–65, Cl. 156—309.
Harmon, Darrell R., to W. W. Cornforth. Apparatus for treating irrigation water. 3,226,201, 12–28–65, Cl. 23—262.
Harmon, Donald E. Measuring device. 3,168,023, 2–2–65, Cl. 95—11.
Harmon, Donald K., to C. G. Conn, Ltd. Tone generator system. 3,180,918, 4–27–65, Cl. 84—1.01.
Harmon, James E.: *See*—
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Harmon, Larry A., and Y. Tao, to Texas Instruments Inc. Semiconductor device header with semiconductor support. 3,204,023, 8–31–65, Cl. 174—52.
Harmon, Leon D., and E. J. Sitar, to Bell Telephone Laboratories, Inc. Method and apparatus for correcting errors in mutilated text. 3,188,609, 6–8–65, Cl. 340—146.1.
Harmon, Major K., Jr., to The Frank F. Taylor Co. Walker stroller. 3,222,081, 12–7–65, Cl. 280—36.
Harmon, Richard C., to Hewlett-Packard Co. High derictivity TEM mode coupler. 3,204,206, 8–31–65, Cl. 333—10.
Harmon, Robert C. Bottle breaking apparatus. 3,202,366, 8–24–65, Cl. 241—99.

Harmon, Robert W., to The Ohio Brass Co. Corona reduction in conductor clamps for high voltage transmission lines. 3,185,763, 5–25–65, Cl. 174—144.
Harmon, Robert W., to The Ohio Brass Co. Corona reduction in conductor clamps for high voltage transmission lines. 3,214,510, 10–26–65, Cl. 174—144.
Harmon, William C., to Republic Steel Corp. Flow detection device having a movable pick-up unit for developing a frequency modulated signal that is transmitted to a stationary indicating unit. 3,170,113, 2–16–65, Cl. 324—37.
Harmon, William E., to Deering Milliken Research Corp. Bobbin tip support means in filling battery. 3,224,469, 12–21–65, Cl. 139—249.
Harmony, Don R. Winch-type hoist. 3,210,050, 10–5–65, Cl. 254—168.
Harms, August F., to Koninklijke Pharmaceutische Fabrieken v/h Brocades-Stheeman & Pharmacia, N.V. (dibenzo (a,d)1,4-cycloheptene-5-yloxy) amines. 3,209,007, 9–28–65, Cl. 260—294.
Harms, Gordon E., and R. E. Michel, to Honeywell Inc. Control apparatus. 3,208,358, 9–28–65, Cl. 92—91.
Harms, Harold H., to Henry Mfg. Co., Inc. Suction filter apparatus. 3,194,399, 7–13–65, Cl. 210—104.
Harms, John D., to American Air Filter Co., Inc. Method of making unit filter assemblies. 3,183,286, 5–11–65, Cl. 264—45.
Harms, John D., and K. L. Westlin, to American Air Filter Co., Inc. Multi-layer filter arrangement. 3,208,205, 9–28–65, Cl. 55—472.
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Harmstorf, Rudolf J. System and apparatus to place flexible pipes and cables under ground below water. 3,222,876, 12–14–65, Cl. 61—72.4.
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Harned, John L., to General Motors Corp. Drive transfer mechanism. 3,222,944, 12–14–65, Cl. 74—190.5.
Harnett, William T., to International Business Machines Corp. Difference amplifier with cross bias networks for independent current flow adjustments. 3,178,647, 4–13–65, Cl. 330—17.
Harney, Doran B., to Dresser Industries, Inc. Well pump. 3,171,629, 3–2–65, Cl. 253—48.
Harney, Doran B., J. W. Harris, and R. C. Farnham, to Dresser Industries, Inc. Well pump. 3,171,630, 3–2–65, Cl. 253—48.
Harnik, Marcel, to Chemetron Corp. Conversion of fluorinated esters to ethers. 3,189,621, 6–15–65, Cl. 260—397.4.
Harnisch, Heinz, A. Mehne, and F. Rodis, to Knapsack-Greisheim Aktiengesellschaft. Process for the manufacture of low titanium chlorides. 3,211,520, 10–12–65, Cl. 23—87.
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Harnish, James R., to Westinghouse Electric Corp. Heat pumps. 3,171,263, 3–2–65, Cl. 62—204.
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Harpell, George F., to United States of America, Air Force. Magnetic function generator. 3,185,866, 5–25–65, Cl. 307—107.
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Harper, Cyril N., to United Elastic Corp. Melt extrudable polyurethanes suitable for elastic threads. 3,174,949, 3–23–65, Cl. 260—75.
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Harper, Ernest A., J. T. Karbosky, and F. N. Hull, to Phillips Petroleum Co. Expanded fluids used in a heat exchanger. 3,212,277, 10–19–65, Cl. 62—23.
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Harper, Henry J. Press brake die alignment indicator device. 3,200,508, 8–17–65, Cl. 33—185.
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Harper, Jay A., to Divac Electronics a division of Acme Machine Works, Inc. Actuator knob. 3,165,001, 1–12–65, Cl. 74—10.45.
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Harper, John D. Flexible insulated fluid transfer apparatus. 3,217,748, 11–16–65, Cl. 137—615.
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Harper, Leonard R., to International Business Machines Corp. Computer circuit for performing serial addition and subtraction. 3,209,131, 9–28–65, Cl. 235—164.
Harper, Lyndus E., and E. G. Stevens, to The New York Air Brake Co. Positively driven weigh belt for continuous weighing means. 3,180,526, 4–27–65, Cl. 222—55.
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Harper, Orville C. Combine header leveller. 3,165,878, 1–19–65, Cl. 56—209.
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Harper, Rex S., and C. A. Gentry, to International Paper Co. Mulch paper. 3,165,862, 1–19–65, Cl. 47—9.
Harper, Robert C., to The Cincinnati Milling Machine Co. Weather-resistant plastic. 3,225,117, 12–21–65, Cl. 260—872.
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Harper, Robert H., to Swift & Co. Sausage manufacture. 3,188,214, 6–8–65, Cl. 99—109.
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Harper, Robert W., to North American Aviation, Inc. Alternating-current supply system. 3,213,348, 10–19–65, Cl. 321—5.
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Harpley, Theodore R., to General Electric Co. Dimming system and apparatus for fluorescent lamps. 3,167,683, 1–26–65, Cl. 313—198.
Harpster, Norman R., to Universal-Cyclops Steel Corp. Stainless steels and products thereof. 3,183,080, 5–11–65, Cl. 75—125.
Harpster, Norman R., to Universal-Cyclops Steel Corp. Stainless steels. 3,201,231, 8–17–65, Cl. 75—126.
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Harrett, Ernest F. Harvester. 3,187,493, 6–8–65, Cl. 56—330.

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Harries, John H. O., to Harries Electronics Corp. Ltd. Electron gun having tapered emitting cathode surface. 3,179,844, 4–20–65, Cl. 315—31.

Harriger, Keith A., to United States of America, Navy. Stable blocking oscillator for generation of asymmetric bidirectional current pulses. 3,22,616, 12–7–65, Cl. 331—113.

Harrill, Chivous G. Apparatus for pouring floors of a multistory building. 3,194,532, 7–13–65, Cl. 249—19.

Harriman, Benjamin R., to Minnesota Mining and Mfg. Co. Electrolytic recording sheets. 3,165,458, 1–12–65, Cl. 204—18.

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Harrington, Eugene M., and M. I. Masterson. Hand sander. 3,224,149, 12–21–65, Cl. 51—386.

Harrington, Francis C., Sr. Cleaning nozzle. 3,220,042, 11–30–65, Cl. 15—325.

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Harrington, George R., to Rockwell-Standard Corp. Method of manufacturing a tapered needle bearing universal joint. 3,216,087, 11–9–65, Cl. 29—148.4.

Harrington, Joseph J. Picker station for a tobacco harvester. 3,197,042, 7–27–65, Cl. 214—5.5.

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Harrington, Robert C., Jr., and J. L. Smith, to Eastman Kodak Co. Cellulose acetate fibers modified with diisocyanatepolyoxyethylene reaction products. 3,213,046, 10–19–65, Cl. 260—13.

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Harrington, Winfred O., and C. H. Hills, to United States of America, Agriculture. Process for peeling waxy fruit. 3,169,564, 2–16–65, Cl. 146—235.

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Harris, Alva F., to Monsanto Co. Process for preparing polymers using a catalyst system comprising arylethylene oxide, polymeric vinyl aromatic peroxide and monocarboxylic acid. 3,214,493, 10–26–65, Cl. 260—880.

Harris, Alva F., to Monsanto Co. Process for preparing polymers using a catalyst system comprising arylethylene oxide, aryl dicarbonyl and monocarboxylic acid. 3,214,494, 10–26–65, Cl. 260—880.

Harris, Alva F., to Monsanto Co. Process for polymerizing monomers using a catalyst system comprising arylethylene oxide, quinone and monocarboxylic acid. 3,214,495, 10–26–65, Cl. 260—880.

Harris, Alva F., to Monsanto Co. Mass polymerization process using a catalyst system comprising hydrogen peroxide, peroxy compound and monocarboxylic acid. 3,214,496, 10–26–65, Cl. 260—880.

Harris, Alva F., to Monsanto Co. Process for polymerizing monomers using a catalyst system comprising diarylethane, alpha-ketol and monocarboxylic acid. 3,214,497, 10–26–65, Cl. 260—880.

Harris, Alva F., to Monsanto Co. Process for preparing bead polymers in aqueous medium containing calcium phosphate and an amino polyacetic acid compound. 3,222,340, 12–7–65, Cl. 260—93.5.

Harris, Alva F., and F. Rodrigues, to Monsanto Co. Novel polymerization process using a catalyst system comprising an arylethylene oxide and oxygen. 3,222,430, 12–7–65, Cl. 260—880.

Harris, Artell L. Sand blaster's helmet. 3,181,532, 5–4–65, Cl. 128—142.

Harris, Arthur O. Picture projecting system with remote portable control. 3,202,044, 8–24–65, Cl. 88—24.

Harris, Benton N., and W. M. Miller, Jr., to T-Fal Corp. Method and apparatus for acid treating and coating metallic surfaces with plastic. 3,211,571, 10–12–65, Cl. 117—49.

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Harris, Earl L. Tire repair fixture. 3,201,084, 8–17–65, Cl. 254—50.4.

Harris, Edward E., to Olin Mathieson Chemical Corp. Lubricating compositions containing condensation polymers of chloromethyl aromatics. 3,203,898, 8–31–65, Cl. 252—59.

Harris, Edward F., J. W. Hart, and C. E. Raimen, to Dynascan Corp. Helical antenna with adjustable length by switching. 3,179,941, 4–20–65, Cl. 343—723.

Harris, Edward H., to Acrometal Products, Inc. Annealing oven for continuously moving wire. 3,169,157, 2–9–65, Cl. 266—3.

Harris, Edward H., to Acrometal Products, Inc. Apparatus for coating wire with viscous material. 3,194,210, 7–13–65, Cl. 118—104.

Harris, Edward J. Apparatus for loading green tires in a tire press. 3,222,715, 12–14–65, Cl. 18—2.

Harris, Edward J. Tire curing press and unloading apparatus therefor. 3,222,716, 12–14–65, Cl. 18—2.

Harris, Edward J. Method of loading a tire in a tire press. 3,223,767, 12–14–65, Cl. 264—326.

Harris, Edward P., to General Motors Corp. Pneumatic container and method and apparatus for making same. 3,201,929, 8–24–65, Cl. 57—15.

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Harris, Edward P., and C. L. Moorman, to General Motors Corp. Elastomeric sealing strip and mounting means assembly procedure. 3,199,184, 8–10–65, Cl. 29—429.

Harris, Edward P., C. L. Moorman, M. V. Roode, and R. W. Lyday, to General Motors Corp. Method of extruding a smooth surfaced sponge vinyl resin article. 3,219,733, 11–23–65, Cl. 264—48.

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Harris, Harlan N. Anti-jamming means for revolvers. 3,176,422, 4–6–65, Cl. 42—59.
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Harris, Herbert H., A. L. Galloway, L. E. Limpel, and P. H. Schuldt, to Diamond Alkali Co. Herbicidal composition and method. 3,201,220, 8–17–65, 8–17–65, Cl. 71—2.6.
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Harry, Gordon W., and W. T. Nickel, to General Motors Corp. Pumping diaphragm and pump assembly. 3,188,970, 6–15–65, Cl. 103—150.

Harry, Henry A. Building structure. 3,213,585, 10–26–65, Cl. 52—456.
Harryman, Paul D., and D. T. Oakes, to Monsanto Co. Method for improving the yield of an attapulgite clay. 3,222,-278, 12–7–65, Cl. 252—8.5.
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Hart, James L., deceased, by D. G. Hawk, special administrator, to Phillips Petroleum Co. Extraction of metal values from acid solutions. 3,223,476, 12–14–65, Cl. 23—14.5.
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Hart, John C., to The Hoyt Metal Co. of Great Britain Ltd. Protection of bearings. 3,188,521, 6–8–65, Cl. 317—2.
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Hart, John L. Girl's swimming suit for competition and racing.. 3,183,524, 5–18–65, Cl. 2—67.
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Hartley, Larry D., to Hoover Ball and Bearing Co. Bin tumbler apparatus. 3,176,967, 4–6–65, Cl. 259—89.
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Hartz, Joseph M., and C. W. Vogel, to Automatic Electric Laboratories, Inc. Push button assembly. 3,226,494, 12–28–65, Cl. 200—5.
Hartz, Julius. Push-pull amplitude modulator. 3,179,903, 4–20–65, Cl. 332—43.
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Hartzell, George W., to Hartzell Industries, Inc. Hydraulic transmission system. 3,205,659, 9–14–65, Cl. 60—51.
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Harvey, Earle M., to United States of America, Army. Projectile dispersion device for firearms. 3,187,632, 6–8–65, Cl. 89—14.
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Harvey, Luke M., to General Electric Co. Acyclic generator. 3,211,936, 10–12–65, Cl. 310—178.
Harvey, Max J., to American Cyanamid Co. Animal feed composition and method of using same. 3,185,573, 5–25–65, Cl. 99—2.
Harvey, Mortimer T., to Harvel Research Corp. Novel polyepoxide compositions of matter and methods and steps for producing the same. 3,207,813, 9–21–65, Cl. 260—834.
Harvey, Oral R., to Fisher Governor Co. Fluid monitoring system. 3,215,900, 11–2–65, Cl. 317—123.
Harvey, Phillip D., to California Research Corp. Controlling nitrogen content of hydrocarbon oils. 3,166,493, 1–19–65, Cl. 208—254.
Harvey, Phillip D., J. A. Robbers, J. W. Scott, Jr, and H. F. Mason, to California Research Corp. In situ sulfiding of nickel- and cobalt-containing catalysts. 3,166,491, 1–19–65, Cl. 208—111.
Harvey, Richard. Book-care system. 3,202,290, 8–24–65, Cl. 211—43.
Harvey, Richard F., to Metaltronics, Inc. Apparatus for improving the writing characteristics of ball point pens. 3,182,344, 5–11–65, Cl. 15—94.
Harvey, Richard F., to Metaltronics Inc. Cavitational reverse osmotic separation of water from saline solutions. 3,206,397, 9–14–65, Cl. 210—19.
Harvey, Richard F. High energy rate processing of ferrous alloys in the metastable austenitic condition. 3,215,565, 11–2–65, Cl. 148—12.4.
Harvey, Robert R., and E. M. Craighead, to Phillips Petroleum Co. Aqueous displacement of oil. 3,170,514, 2–23–65, Cl. 166—9.
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Harwood, Milton G. and L. J. Poultry blinder with improved fastener. 3,212,475, 10–19–65, Cl. 119—97.
Harwood, Norman F., to Baker Perkins Granbull Ltd. Variable area cross-head. 3,186,032, 6–1–65, Cl. 18—14.
Harwood, Norman F., and A. J. Osborne, to Baker Perkins Inc. Blowing spigot assembly for blow molding apparatus. 3,218,670, 11–23–65, Cl. 18—5.
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Hasbrouck, Augustus, and R. A. Horrocks, to United Aircraft Corp. Regenerative engine with rotating matrix. 3,177,-661, 4–13–65, Cl. 60—39.51.
Hasche, Carl H. Child's seat and carriage. 3,207,528, 9–21–65, Cl. 280—47.38.
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Haselfoot, Arthur J., and F. R. Scrutton, to Fuller Electric Ltd. Diverter switch for on-load tap-changer with conductive rail support means. 3,202,776, 8–24–65, Cl. 200—18.
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Hasell, Richard F., and J. R. Ardizzone, to Westinghouse Electric Corp. Arc tube mount and component therefor. 3,218,495, 11–16–65, Cl. 313—25.
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Haselow, William J., and W. E. Aschenbrenner, to Consolidated Papers, Inc. Sheet control system for paper cutters. 3,192,807, 7–6–65, Cl. 83—24.
Haselton, Ernest F., Jr., and R. M. Hergenrother, to Sylvania Electric Products Inc. Electronic bridge hybrid circuit. 3,180,947, 4–27–65, Cl. 179—170.
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Hasha, Malvern M. Well tool. 3,196,950, 7–27–65, Cl. 166—132.
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Hashimoto, Kayo. Combined temperature and shock recording apparatus. 3,221,321, 11–30–65, Cl. 340—261.
Hashimoto, Kazuo. Automatic reporting apparatus. 3,218,391, 11–16–65, Cl. 179—2.
Hashimoto, Shin, and Z. Ayuha, to Yawata Iron & Steel Co., Ltd. Method of adding a liquid fuel to the air blast in a shaft furnace or specifically in a blast furnace. 3,207,597, 9–21–65, Cl. 75—42.
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Haus, Joachim, to Siemens-Schuckertwerke Aktiengesellschaft. Device for mounting semiconductor rods in apparatus for crucible-free zone melting. 3,191,924, 6–29–65, Cl. 269—156.
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Hausberg, Gerhard, to Gottfried Bischoff. Gas scrubber. 3,199,267, 8–10–65, Cl. 55—210.
Hauschild, Ulrich, to Kali Chemie Aktiengesellschaft. Process for the preparation of nordstrandite alumina. 3,222,-130, 12–7–65, Cl. 23—143.
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Sodomann, Heinrich, Hauschulz, and Hanke. 3,190,924.
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Hauser, Ralph I., and D. R. Houston, to United States of America, Navy. Scanner co-ordinate compensator for radar-bearing craft. 3,182,321, 5–4–65, Cl. 343—7.3.
Hauser, Raymond, and H. Zyngier, to Electricite de France (Service National). Neutronic flux detector. 3,226,548, 12–28–65, Cl. 250—83.1.
Hauser, Richard, to Westinghouse Electric Corp. Rotary electric switch with insulated wheel contact roller detent. 3,206,564, 9–14–65, Cl. 200—11.
Hauser, William R., and R. C. Brown, to Minnesota Mining and Mfg. Co. Pressure-sensitive adhesive tape. 3,179,552, 4–20–65, Cl. 161—143.
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Hauxwell, Jack, and C. W. Blacker, to Ransomes Sims & Jefferies Ltd. Battery enclosing counterweight for fork lift trucks. 3,217,825, 11–16–65, Cl. 180—68.5.
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Haviland, Girard S., to Jacobs Mfg. Co. Balanced poppet valve. 3,202,182, 8–24–65, Cl. 137—625.27.
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Hawkins, Harold M., and E. R. Beck, to Phillips Petroleum Co. Method and apparatus for cooling molten thermoplastic materials. 3,174,295, 3–23–65, Cl. 62—56.
Hawkins, Harold M., J. S. Scoggin, and L. T. Price, to Phillips Petroleum Co. Removal of impurities from N-pentane. 3,178,360, 4–13–65, Cl. 202—40.
Hawkins, Harold V., to Columbus McKinnon Corp. Trolley conveyor track system. 3,176,626, 4–6–65, Cl. 104—96.
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Hawkins, John, and B. L. Rowe, to John Lysaght (Australia) Ltd. Method of decarburizing electrical steel by using an oxide film. 3,201,294, 8–17–65, Cl. 148—113.
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Hawkins, Robert A., and G. A. Jensen, to Avco Corp. Fluid flow indicator for arc plasma device. 3,191,088, 6–22–65, Cl. 313—231.
Hawkins, Robert D., to Sperry Rand Corp. Shock and vibration isolating assembly. 3,174,740, 3–23–65, Cl. 267—1.
Hawkins, Robert D., to Sperry Rand Corp. Frequency responsive apparatus. 3,213,197, 10–19–65, Cl. 179—1.
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Hawley, George F., H. W. Murphy, J. E. Moulder, J. H. Miller, and R. F. Crane, to AEL Food Machinery Division, Inc. Automatic alignment and input feeding machinery for confectionery articles. 3,191,749, 6–29–65, Cl. 198—30.
Hawley, George F., and J. E. Moulder, to AEL Development and Research Division, Inc. Automatic cutting and collating machine and method. 3,224,306, 12–21–65, Cl. 83—23.
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Hawley, Melville S., and D. W. McLellan, to Bell Telephone Laboratories, Inc. Telephone ringer circuit. 3,223,788, 12–14–65, Cl. 179—84.
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Hay, Allan S., to General Electric Co. Oxidation of alcohols and ethers to carbonyl containing compounds. 3,173,933, 3–16–65, Cl. 260—413.
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Hay, George P. Litter and bedding for poultry. 3,217,692, 11–16–65, Cl. 119—1.
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Heidrich, Horst, to Klockner-Humboldt-Deutz Aktiengesellschaft. Screw extruder for plasticized materials. 3,212,133, 10–19–65, Cl. 18—12.
Heidrich, Robert C., to Sun Electric Corp. Switch adapter and connector for automobile electrical system testers. 3,166,650, 1–19–65, Cl. 200—52.
Heidt, Alfred, and A. Bellon, to Frankel & Kirchner, Fabrik fur Elektromotoren und elektrische Apparate, Firma. Electric driving device for sewing machines or the like. 3,187,701, 6–8–65, Cl. 112—219.
Heidt, William J., and W. M. Emery. Back boards. 3,189,381, 6–15–65, Cl. 297—230.
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Heier, William, to Rudd-Melikian, Inc. Brewing apparatus. 3,213,777, 10–26–65, Cl. 99—289.
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Heiks, John R., to E. I. du Pont de Nemours and Co. Pile article of backing, cushioning and pile yarn layers. 3,174,451, 3–23–65, Cl. 112—410.
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Heilbrunn, Alfred, to Topps Chewing Gum, Inc. Device to cut edges of sheets and remove scrap. 3,200,685, 8–17–65, Cl. 83—98.
Heiler, Paul S., to General Motors Corp. Concealed windshield wiper mechanism. 3,225,376, 12–28–65, Cl. 15—250.19.
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Hein, Harold W., to International Harvester Co. Spraying apparatus. 3,178,145, 4–13–65, Cl. 248—283.
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Hejj, Erwin, E. Fezer, and F. Frese, to Beteiligungs-und Patentverwaltungsgesellschaft mit beschrankter Haftung. Planetary gearing for a circular piston machine. 3,213,714, 10–26–65, Cl. 74—804.
Hekimian, Norris C., to United States of America, Army. Frequency shift keying generator. 3,222,619, 12–7–65, Cl. 331—179.
Hekkert, Jan W.: *See*—
Brussaard, Jan M., and Hekkert. 3,175,107.

Helber, Karl F.: *See*—
Rentschler, Waldemar T., Helber, and Straub. 3,223,015.
Helberg, Henry J., to General Electric Co. Electrical regulator. 3,185,948, 5–25–65, Cl. 336—192.
Helbig, Walter A., and R. J. Woldrich, to Radio Corp. of America. High speed binary adder-subtractor with carry ripple. 3,198,939, 8–3–65, Cl. 235—175.
Helbling, August. Flexible bottle cap opener. 3,206,055, 9–14–65, Cl. 215—46.
Held, Hans J., to The Ducon Co., Inc. Mounting for filter tubes. 3,170,777, 2–23–65, Cl. 55—490.
Held, Jean-Paul: *See*—
Sinner, Romain. 3,194,006.
Held, Richard A. Method for teaching manual skills. 3,197,888, 8–3–65, Cl. 35—29.
Held, Samuel K.: *See*—
O'Connor, John L., and Held. 3,220,845.
Held, Sidney P. Direction finder. 3,164,833, 1–5–65, Cl. 343—115.
Heldenbrand, Russell C. Manipulating apparatus for press fitting and welding a split sleeve around drill pipe. 3,182,880, 5–11–65, Cl. 228—6.
Heldenbrand, Russell C. Method of fabricating drill pipe. 3,193,918, 7–13–65, Cl. 29—447.
Heldenbrand, Russell C., T. M. Sanders, and H. J. Schellstede. Rebuilt tubular joint members. 3,219,397, 11–23–65, Cl. 308—4.
Helderman, James F., and W. H. Henderson, Jr.; said Henderson assor. to said Helderman. Explosive actuated tool and method for driving a fastening stud or similar element. 3,172,123, 3–9–65, Cl. 1—60.
Helesfai, Steven: *See*—
Miller, Harry C., and Helesfai. 3,170,316.
Helfenberger, Hans: *See*—
Schuler, Max, Helfenberger, and Lutz. 3,183,258.
Helfer, Friedrich, and J. Rauneker, to Voith-Getriebe K.G. Motor vehicle transmission. 3,180,180, 4–27–65, Cl. 74—677.
Helfer, Paul E.: *See*—
Waters, Louis A., Helfer, and Jones. 3,177,703.
Helfmann, Rudolf: *See*—
Gorissen, Max, Kiefer, Helfmann, and Burhop. 3,207,142.
Helfrich, John H., to Bell Telephone Laboratories, Inc. Signal assembler comprising a delay line and shift register loop. 3,166,734, 1–19–65, Cl. 340—147.
Helfrich, Wayne J., to Allis-Chalmers Mfg. Co. Rotary kiln. 3,182,980, 5–11–65, Cl. 263—33.
Helfrich, William E.: *See*—
Meyer, Robert E., and Helfrich. 3,170,294.
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Herster, Charles A. 3,202,482.
Helin, Arthur F., and G. J. Mantell, to Gulf Oil Corp. Ethylene polymerization in nonionic emulsion systems. 3,226,352, 12–28–65, Cl. 260—29.6.
Helin, Eero E., to Bell Telephone Laboratories, Inc. Snap action relay with close operate and release voltages. 3,197,677, 7–27–65, Cl. 317—155.5.
Helin, Richard R., and C. A. Fenno, to Union Carbide Corp. Floating-head heat exchangers. 3,187,810, 6–8–65, Cl. 165—158.
Heling, Paul. Pyrophoric gas lighter with lateral pressure lever. 3,205,685, 9–14–65, Cl. 67—7.1.
Heling, Paul. Gas regulating device. 3,210,965, 10–12–65, Cl. 67—7.1.
Hell, Dr.-Ing. Rudolf, Kommanditgesellschaft: *See*—
Gesell, Reinhard. 3,225,676.
Hellander, Thomas A. Adjustable boom type pull shovel attachment for cranes and the like. 3,184,084, 5–18–65, Cl. 214—134.
Hellar, Martin W., Jr., to General Electric Co. Automatic fare collection system for rapid transit systems. 3,212,615, 10–19–65, Cl. 194—4.
Hellbaum, Arthur A. Method for treating skin burns. 3,198,702, 8–3–65, Cl. 167—58.
Hellberg, Gustav S., to Produktions-Service, Aktiebolaget. Method of perforating webs containing resin. 3,198,045, 8–3–65, Cl. 83—13.
Helle, Jens B., and C. R. G. Johansen. Fresh-air valve. 3,221,634, 12–7–65, Cl. 98—96.
Hellekson, James S., to National Rollex Corp. Prefabricated soffit construction. 3,204,374, 9–7–65, Cl. 52—94.
Hellen, James S., to General Precision Inc. High speed counter. 3,189,273, 6–15–65, Cl. 235—117.
Hellenga, Ernest G., to Pilot Inc. Trailer hitch attachment for automobile bumpers. 3,170,717, 2–23–65, Cl. 280—490.
Heller, Franz, to American Type Founders Co., Inc. Bending apparatus for printing plates. 3,187,542, 6–8–65, Cl. 72—321.
Heller, George L., and N. N. McRee, to Columbian Carbon Co. Treatment of carbon black. 3,216,843, 11–9–65, Cl. 106—307.
Heller, Hansjorg, E. Keller, H. Gysling, and F. Mindeermann, to J. R. Geigy, A.-G. 2-aryl-4,5-arylo-1,2,3-triazole. 3,189,615, 6–15–65, Cl. 260—308.
Heller, Hansjorg, J. Rody, and E. Keller, to J. E., Geigy, A.-G. 2-phenyl-benztriazole compounds. 3,218,332, 11–16–65, Cl. 260—308.
Heller, Harold H., and V. D. Werner, to Kimberly-Clark Corp. Two ply printing paper and method of producing the same. 3,215,589, 11–2–65, Cl. 162—124.
Heller, Herbert, H. J. Then, C. J. Bossart, A. C. McInnes, and E. M. Becker, to Mine Safety Appliance Co. Fluid analysis control. 3,199,338, 8–10–65, Cl. 73—23.1.
Heller, John F., and J. D. Morley, to National Electric Welding Machines Co. Joining device for metal strip material. 3,225,999, 12–28–65, Cl. 228—4.
Heller, Karl-Heinz, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of high molecular weight polyoxymethylene esters and ethers with a definite degree of polymerization. 3,193,531, 7–6–65, Cl. 260—67.
Heller, Laszio, L. Forgo, and G. Tomcsanyi, to Licencia Talalmanyokat Ertekesito Nallalat. Anti-icing arrangements for heat exchangers of air condensing apparatus. 3,179,164, 4–20–65, Cl. 165—71.
Heller, Milton, and S. Bernstein, to American Cyanamid Co. 9,11,21-trichloro-16α,17α-isopropylidene steroids of the pregnane series. 3,211,727, 10–12–65, Cl. 260—239.55.
Heller, Milton D,. R. H. Lenhard, and S. Bernstein, to American Cyanamid Co. New 16-substituted-19-norpregna-1,3,5(10),6,8-pentaen-20-ones. 3,182,057, 5–4–65, Cl. 260—239.55.
Heller, Milton D,. R. H. Lenhard, and S. Bernstein, to American Cyanamid Co. 17-substituted 19-norpregna-1,3,5(10),6,8-pentaen-20-ones. 3,182,075, 5–4–65, Cl. 260—397.45.
Heller, Richard V., to Rotron Mfg. Co., Inc. Hose clamp. 3,189,961, 6–22–65, Cl. 24—20.
Heller, Robert B. Gas processing method and apparatus. 3,180,083. 4–27–65, Cl. 60—29.
Heller, Robert M., to Watts Electric & Mfg. Co. Lamp bulb stabilizing filament centering tube within a sealable capsule. 3,170,751, 2–23–65, Cl. 339—188.
Heller, Walter E., & Co. (Inc.): *See*—
Niles, Raymond W. 3,183,601.
Heller, Wilhelm, and M. Herbrich, to J. Schmidt. Holding device. 3,183,546, 5–18–65, Cl. 16—94.
Heller, William R., J. Kumamoto, and J. C. Powers, Jr., to International Business Machines Corp. Solid solution electro-optic light switch using the stark effect. 3,215,038, 11–2–65, Cl. 88—61.
Hellerbach, Joseph, P. Quitt, and K. Vogler, to Hoffmann-La Roche Inc. Preparation of optically active naturally occurring N-monomethyl-amino carboxylic acids. 3,178,472, 4–13–65, Cl. 260—518.
Hellerman, Leo, to International Business Machines Corp. Logic performing device. 3,184,603, 5–18–65, Cl. 307—88.5.
Helleur, Donald E.: *See*—
Brandt, Theodorus G., Helleur, Hopkins, and Boivin. 3,224,925.
Hellige, Fritz, & Co., G.m.b.H.: *See*—
Metzger, Hans-Jorg. 3,200,334.
Nobis, Wilhelm H. 3,218,543.
Ullrich, Georg J. 3,181,063.
Weber, Paul A. 3,179,896.
Hellis, Stuart C. Shot gun cartridge. 3,188,956, 6–15–65, Cl. 102—42.
Helliwell, Derek P., C. Hall, and G. Snow, to Foseco International Ltd. Exothermic refractory materials containing oxidizing agents and process. 3,172,795, 3–9–65, Cl. 149—40.
Helliwell, Guy S. Pump. 3,183,837, 5–18–65, Cl. 103—2.
Helliwell, Guy S., and L. J. Swindall, to Samuel Pegg & Son Ltd. Dyeboarding method. 3,181,749, 5–4–65, Cl. 223—76.
Helliwell, Guy S., and L. J. Swindall, to Samuel Pegg & Son Ltd. Dyeboarding plant. 3,181,750, 5–4–65, Cl. 223—76.
Hellgren, Leroy L., to United States of America, Navy. Recoverable monitoring circuit with permanent indication. 3,184,726, 5–18–65, Cl. 340—223.
Hellman, Sten G., to Svenska Aktiebolaget Gasaccumulator. Arrangement for causing an indication upon the interruption of a load circuit. 3,197,674, 7–27–65, Cl. 315—88.
Hellmann, Leon, and D. L. Temple, to Zero Mfg. Co. Glass ball peening machine for treating small articles. 3,199,171, 8–10–65, Cl. 29—90.
Hellmuth, Johanna: *See*—
Leupold, Curt W., Kellner, and Hellmuth. 3,172,817.
Hellstrom, Axel G., to Electrolux, Aktiebolaget. Refrigeration. 3,188,831, 6–15–65, Cl. 62—288.
Hellstrom, Melbourne J., to Westinghouse Electric Corp. Multivibrator for television deflection circuit. 3,170,072, 2–16–65, Cl. 307—88.5.
Hellstrom, Melbourne J., to Westinghouse Electric Corp. Transistor deflection circuit. 3,206,634, 9–14–65, Cl. 315—27.
Hellweg, Kurt H. W., to Societe Civile Pour l'Etude d'Engins a Pistons Libres E.P.L. Floating-piston internal-combustion machine. 3,183,900, 5–18–65, Cl. 123—41.78.
Helm Accessories, Inc.: *See*—
Genthe, Walter A. 3,171,578.
Helm, Frederick A. 3,223,301.
Helm, Frederick A. 3,223,302.
Helm, Bobby J. Cleaning apparatus for fibrous material. 3,172,165, 3–9–65, Cl. 19—203.
Helm, Charles D. Process for producing chloralkyl hydrazinium chlorides. 3,209,032, 9–28–65, Cl. 260—583.
Helm, Charles D., and C. B. Bayles, to W. R. Grace & Co. Automatic catalyst dispenser. 3,195,776, 7–20–65, Cl. 222—63.
Helm, Edward J.: *See*—
Van Ackeren, Joseph, and Helm. 3,192,127.
Helm, Frederick A., to Helm Accessories, Inc. Car top carrier. 3,223,301, 12–14–65, Cl. 224—42.1.
Helm, Frederick A., to Helm Accessories, Inc. Car top ski rack. 3,223,302, 12–14–65, Cl. 224—42.1.
Helm, Mark W., W. A. Humphrey, and M. H. Ripple to The Hoover Co. Connecting devices. 3,212,795, 10–19–65, Cl. 285—7.

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Lehn, John R., Troxell, and Helm. 3,204,890.
Helman, Linas J. Applicator devices and mountings. 3,174,-460, 3–23–65, Cl. 119—157.
Helman, Phillip, to Myron Snyder, Inc. Soaping attachment for a faucet. 3,226,034, 12–28–65, Cl. 239—316.
Helmar, Henry L.: *See*—
Nathan, Jerome, Helmar, and Reburn. 3,185,280.
Helmbold, Theodor. Transverse flow type blowers. 3,168,-979, 2–9–65, Cl. 230—125.
Helme, George W., Co.: *See*—
Wilson, Wilbert M. 3,190,794.
Wilson, Wilbert M. 3,214,384.
Helmel, George A.: *See*—
Teasdale, Barton F., and Helmel. 3,174,868.
Helmer, Harvey C., to United States Steel Corp. Handling mechanism for installing and removing blow pipes in blast furnaces. 3,211,442, 10–12–65, Cl. 266—34.
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Fütterer, Bodo, Helmer, and Blume. 3,169,317.
Helmer, John C., P. A. Sturrock, and E. B. Hodges, to Varian Associates. Molecular beam maser. 3,214,630, 10–26–65, Cl. 315—5.
Helmer, Norman D. Mouth guard structure. 3,203,417, 8–31–65, Cl. 128—136.
Helmer, Robert. Thermal-molecular heating system. 3,198,-176, 8–3–65, Cl. 122—26.
Helmerson, Bengt G.: *See*—
Johansson, Fritz A., Helmerson, Mokvist, and Norro. 3,199,170.
Helmersson, Sven, to Allmanna Svenska Elektriska Aktiebolaget. Means for suppressing ferromagnetic oscillations arising in electrical installations. 3,185,919, 5–25–65, Cl. 323—77.
Helmick, Fred E.: *See*—
Fahrenbach, Wolfgang B., and Helmick. 3,200,718.
Helmig, Willem H. T.: *See*—
Reumerman, Theodorus, and Helmig. 3,176,270.
Helmlinger, Harry C., Jr.: *See*—
Doyle, Carroll F., and Helmlinger. 3,202,597.
Helms, Clifford J., to Data Products Corp. Printing hammer assembly. 3,172,352, 3–9–65, Cl. 101—93.
Helms, Clifford J., to Data Products Corp. Variable force hammer high speed printer. 3,172,353, 3–9–65, Cl. 101—93.
Helms, Harold E., and R. L. Stedfeld, to General Motors Corp. Joint for plastic rocket cases. 3,186,584, 6–1–65, Cl. 220—75.
Helms, John D.: *See*—
Brown, Herbert L., Jr., and Helms. 3,184,714.
Davis, Billy C., and Helms. 3,207,884.
Helms, John F., to SKF Industries, Inc. Cage for rolling bearings. 3,167,365, 1–26–65, Cl. 308—217.
Helms, Robert D. Rotary grinding mill. 3,169,711, 2–16–65, Cl. 241—74.
Helms, W. Lee, to Revlon, Inc. Atomizer. 3,191,867, 6–29–65, Cl. 239—288.
Helmschrott, Norbert: *See*—
Muller, Felix, and Helmschrott. 3,184,748.
Helmstetter, Norman E., and A. Scala, to Tung-Sol Electric Inc. Rotatable latching relay. 3,189,706, 6–15–65, Cl. 200—87.
Helsing, Erik, to Allmanna Svenska Elektriska Aktiebolaget. Speed control for rocking mill stands. 3,222,900, 12–14–65, Cl. 72—21.
Helsing, Jacob L. Valve. 3,171,438, 3–2–65, Cl. 137—625.26.
Helstrom, Carl W.: *See*—
Altar, William, and Helstrom. 3,221,695.
Helton, Starlin C. Hideaway freezer. 3,190,080, 6–22–65, Cl. 62—259.
Helus, Richard R., and F. J. Jansen, to Radio Corp. of America. Positive acting, multiposition detent switch. 3,222,-466, 12–7–65, Cl. 200—16.
Helvern, James O.: *See*—
Brooks, Frank W., and Helvern. 3,172,335.
Helwig, Ralph W.: *See*—
Glazier, Edwin M., Helwig, and Yeakley. 3,182,094.
Helwig, William J., to Radio Corp. of America. Double-ended high frequency electron tube. 3,215,886, 11–2–65, Cl. 313—313.
Hemann, Ronald R., to Alton Box Board Co. Packaging. 3,216,645, 11–9–65, Cl. 229—52.
Hemenway, Philip. Copy sheet support for book copying machine. 3,181,448, 5–4–65, Cl. 95—73.
Hemery, Jack L., and J. G. Farrell, to Continental Freezers of Illinois, Division of F. H. Prince & Co., Inc. Means for ice glazing of food products. 3,171,265, 3–2–65, Cl. 62—331.
Heminger, George L., to Western Electric Co., Inc. Data sensing apparatus including means for replacing incorrect or outmoded data. 3,166,736, 1–19–65, Cl. 340—172.5.
Hemmerle, Joseph V., Jr., to The Cincinnati Milling Machine Co. Thermal change compensation mechanism. 3,221,605, 12–7–65, Cl. 90—11.
Hemmeter, George T., to Bishman Mfg. Co. Adapter for wheel balancer. 3,165,932, 1–19–65, Cl. 73—484.
Hemmeter, George T. Safety lift. 3,173,659, 3–16–65, Cl. 254—93.
Hemmeter, George T. Controlled pneumatic jack. 3,182,959, 5–11–65, Cl. 254—93.
Hemmeter, George T., and W. L. Madsen. Hanger for use with a hinge. 3,200,435, 8–17–65, Cl. 16—137.
Hemmings, James F. W.: *See*—
Hulme, John H., Hemmings, and Turley. 3,182,689.
Hempe, Charlotte: *See*—
Bothmer, Erich, Zimmer, Bothmer, and Hempe. 3,220,-567.
Hempel, Gustav A., to McDowell Mfg. Co. Multi-part cathode-ray cone. 3,219,225, 11–23–65, Cl. 220—2.3.
Hempel, Roy A., to Textron Electronics, Inc. Multistable circuit including serially connected unidirectional conducting means. 3,174,052, 3–16–65, Cl. 307—88.5.
Hempel, Roy A. Digital code responsive automatic circuit and component tester having code selected series circuits. 3,226,637, 12–28–65, Cl. 324—73.
Hempel, William C.: *See*—
Solum, James R., and Hempel. 3,200,884.
Hempen, Klaus, to Siemens & Halske Aktiengesellschaft. Device for facilitating the servicing of magnetic plate recorders. 3,181,173, 4–27–65, Cl. 346—137.
Hemphill, John M.: *See*—
Hager, Nathaniel E., Jr., and Hemphill. 3,214,565.
Hemphill, Monroe W. Timber wedge. 3,185,442, 5–25–65, Cl. 254—104.
Hemphill, Sylvester D., and O. Even-Tov, to Sperry Rand Corp. Jam detector for card feeding device. 3,188,619, 6–8–65, Cl. 340—259.
Hempstead, Charles F., and Y. B. Kim, to Bell Telephone Laboratories, Inc. Superconducting flux concentrator. 3,193,734, 7–6–65, Cl. 317—158.
Hemstock, Glen A., to Minerals & Chemicals Philipp Corp. Method of treating chrysotile and product produced thereby. 3,215,494, 11–2–65, Cl. 23—110.
Hemstock, Glen A., to Minerals & Chemicals Phillipp Corp. Color-reactable inorganic adsorbent pigment and coating composition containing the same. 3,223,546, 12–14–65, Cl. 106—288.
Hemstock, Glen A., to Minerals & Chemicals Philipp Corp. High surface area aluminum silicate and method of making same. 3,224,892, 12–21–65, Cl. 106—288.
Hemstock, Glen A., to Minerals & Chemicals Philipp Corp. Color-reactable inorganic adsorbent pigment and sensitized sheet material coated therewith. 3,226,252, 12–28–65, Cl. 17—155.
Hemstock, Glen A., and R. J. Bergmann, to Minerals & Chemicals Phillipp Corp. Preparation of submicroscopic high surface area inorganic products from oxide minerals. 3,218,-182, 11–16–65, Cl. 106—288.
Hemstreet, Harold S., 50% to R. G. Stephens. Variable time-constant servomechanism systems. 3,215,913, 11–2–65, Cl. 318—18.
Hemstreet, Harold S., and R. A. Woodson, to General Precision, Inc. Method of measuring by interference. 3,170,-982, 2–23–65, Cl. 88—14.
Hemwall, John B., to The Dow Chemical Co. Stabilization of clay soils and aggregates with lead salts of phosphoric and sulfuric acids. 3,201,268, 8–17–65, Cl. 106—68.
Henchert, John, to Continental Can Co., Inc. Pivoted pull handle for easy opening scored ham can end. 3,186,582, 6–1–65, Cl. 220—54.
Henchert, John, to Continental Can Co., Inc. Plastic pull tab to metal tear strip assembly with a curled connection. 3,187,930, 6–8–65, Cl. 220—54.
Henchert, John, to Continental Can Co., Inc. Plastic pull tab adhesively secured to metal strip. 3,187,931, 6–8–65, Cl. 220—54.
Henchert, John, to Continental Can Co. Inc. Spool can with pull-tab tear strip reclosure cover. 3,189,214, 6–15–65, Cl. 220—54.
Henchert, John, to Continental Can Co., Inc. Tear strip connected to pull tab by means of an integral rivet. 3,195,-765, 7–20–65, Cl. 220—54.
Henchert, John, to Continental Can Co., Inc. Plastic pull tab to metal tear strip connection with plug gripping feature. 3,195,766, 7–20–65, Cl. 220—54.
Henchert, John, to Continental Can Co., Inc. Plastic pull tab to metal tear strip connection with mechanical interlock. 3,195,767, 7–20–65, Cl. 220—54.
Henchert, John, to Continental Can Co., Inc. Plastic pull tab to metal tear strip assembly. 3,204,812, 9–7–65, Cl. 220—54.
Henchert, John, to Continental Can Co., Inc. Pull tab secured to tear strip by concentric rivet formation. 3,208,-628, 9–28–65, Cl. 220—54.
Hencken, Harold G., to American Felt Co. Polishing pad assembly for a glass polishing head. 3,164,855, 1–12–65, Cl. 51—195.
Hencken, Harold G., to American Felt Co. Filter cartridge. 3,165,471, 1–12–65, Cl. 210—347.
Hendal, Willem P., and P. Visser, to Shell Oil Co. Process and apparatus for carrying out chemical reactions with the aid of molten heating media. 3,210,268, 10–5–65, Cl. 208—125.
Hendelman, Jesse C.: *See*—
Ballou, Donald K., and Hendelman. 3,200,637.
Hendershot, Charles E. Internal combustion engine arrangement. 3,177,853, 4–13–65, Cl. 123—47.
Hendershot, Charles E., to Nitehawk, Inc. Illuminating device. 3,178,568, 4–13–65, Cl. 240—8.18.
Hendershot, Charles E., 31% to A. M. Suggs, 31% to E. W. Ogle, 1% to L. Gredy, 1% to L. L. Walker, 5% to R. M. Seibel, 5% to H. G. Miller, 1% to M. T. Preston, 1% to M. W. Loop, and 1% to K. D. Schneider. Internal combustion engine arrangement. 3,177,855, 4–13–65, Cl. 123—59.
Hendershot, Leland C.: *See*—
Chenoweth, Maynard B., and Hendershot. 3,196,073.

Hendershot, Robert V. Phase variator. 3,166,947, 1–26–65, Cl. 74—216.5.
Henderson, Albert. Precast segmental building units. 3,201,907, 8–24–65, Cl. 52—73.
Henderson, Bennett M., to Shell Oil Co. Lubricating composition. 3,198,736, 8–3–65, Cl. 252—46.7.
Henderson, Bennett M., and J. S. Coon, to Shell Oil Co. Lubricants containing ashless nitrogen-containing polymeric detergents and complexes of acid aryl phosphates. 3,215,631, 11–2–65, Cl. 252—49.9.
Henderson, Clarence S.: *See*—
MacChesney, Chester M. 3,190,138.
MacChesney, Chester M. 3,215,227.
Henderson, Cyril, to S. Smith & Sons (England) Ltd. Frictional and positive clutch. 3,175,662, 3–30–65, Cl. 192—53.
Henderson, Eulas W., to Phillips Petroleum Co. Horizontal stabilization of floating structures. 3,191,570, 6–29–65, Cl. 114—144.
Henderson, Eulas W., to Phillips Petroleum Co. Carbon black furnace. 3,211,532, 10–12–65, Cl. 23—259.5.
Henderson, Franklin B., to North American Aviation, Inc. Force balanced instrument. 3,204,466, 9–7–65, Cl. 73—503.
Henderson, George A. Circular saw. 3,176,732, 4–6–65, Cl. 144—133.
Henderson, George A. Scrap disintegrator for circular saw. 3,212,724, 10–19–65, Cl. 241—277.
Henderson, Hallie: *See*—
Henderson, Ray M. 3,212,284.
Henderson, Ray M. 3,212,525.
Henderson, Herbert V., to Anglo-Transvaal Consolidated Investment Co. Ltd. Overhead haulage system for mine tunnel or mine passage installations. 3,177,815, 4–13–65, Cl. 104—91.
Henderson, Homer I., to Walker-Neer Mfg. Co., Inc. Apparatus for drilling wells. 3,208,539, 9–28–65, Cl. 175—215.
Henderson, Homer I. Well drilling fluid and a method of using same. 3,221,825, 12–7–65, Cl. 175—72.
Henderson, Hubert T., to Shell Oil Co. Gasoline composition. 3,179,506, 4–20–65, Cl. 44—66.
Henderson, Hubert T., to Shell Oil Co. Gasoline compositions. 3,188,187, 6–8–65, Cl. 44—69.
Henderson, Hubert T., to Shell Oil Co. Gasoline composition. 3,224,848, 12–21–65, Cl. 44—56.
Henderson, J. Harry, Jr.: *See*—
Belgard, Truly M. 3,164,178.
Henderson, James H., and M. R. J. Wyllie, to Gulf Research & Development Co. Radial burning in-situ combustion process utilizing a single well. 3,195,632, 7–20–65, Cl. 166—39.
Henderson, James H., and J. J. Taber, to Gulf Research & Development Co. Residual oil recovery process using water containing a surfactant. 3,199,586, 8–10–65, Cl. 166—9.
Henderson, James N., to United States of America, Navy. Methods of oxygen-proofing of polyethylenes. 3,219,653, 11–23–65, Cl. 260—94.9.
Henderson, Jesse F., to Texas Gulf Sulphur Co. Granular product storage. 3,191,783, 6–29–65, Cl. 214—17.
Henderson, Knox B.: *See*—
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Hendrickson, Howard J. Safety tail light. 3,200,524, 8–17–65, Cl. 40—129.
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Henry-Baudot, Jacques, to Printed Motors, Inc. Synchronous electric rotary machine system. 3,189,808, 6–15–65, Cl. 318—138.

Henry-Baudot, Jacques, to Societe d'Electronique et d'Automatisme. Asynchronous motor armature. 3,221,196, 11–30–65, Cl. 310—268.

Henry-Baudot, Jacques, to Printed Motors, Inc. Axial airgap electric rotary device. 3,189,773, 6–15–65, Cl. 310—268.

Henry-Baudot, Jacques, to Printed Motors Inc. A.C. printed-circuit winding. 3,223,868, 12–14–65, Cl. 310—185.

Henry-Baudot, Jacques, to Printed Motors Inc. Printed-circuit winding for rotary electric machines. 3,223,870, 12–14–65, Cl. 310—268.

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Henry-Biabaud, Edmond, to Andre Citroen, Societe Anonyme. Adjustable seat for automobiles. 3,185,431, 5–25–65, Cl. 248—429.

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Herman, Elkan R., to Chemicals & Phosphates Ltd. Incremental heat transfer including direct contact of volatile liquids. 3,167,401, 1–26–65, Cl. 23—302.
Herman, George, and J. J. Schorscher. Apparatus for repairing the walls of tires. 3,172,158, 3–9–65, Cl. 18—18.
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Herman, Ronald E., to Holley Carburetor Co. Means for mounting a thermostatic element. 3,180,576, 4–27–65, Cl. 236—101.
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Hermann, Horst, to European Atomic Energy Community. Manipulator apparatus. 3,197,041, 7–27–65, Cl. 214—1.
Hermann, Horst, to European Atomic Energy Community. Manipulator arm. 3,217,908, 11–16–65, Cl. 214—34.
Hermann, Joachim, and R. Juergensen, to Bolkow-Entwicklungen KG. Timed program apparatus for missile guidance. 3,224,710, 12–21–65, Cl. 244—14.
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Hermanns, Wilhelm. Discharging device for containers for pulverised material. 3,193,332, 7–6–65, Cl. 302—52.
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Herndon, Howard V., to United States of America, Atomic Energy Commission. Unilinear displacement measuring apparatus. 3,210,852, 10–12–665, Cl. 33—125.
Herndon, John F., to Malvern Institute for Psychiatric and Alcoholic Studies. Centrifugal solvent extraction. 3,194,400, 7–13–65, Cl. 210—203.
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Herring, David L., to United States of America, Navy. Preparation of polymeric materials by the reaction of aryldiphosphines with aryl diazides. 3,182,028, 5–4–65, Cl. 260—2.
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Herrmann, Fritz. Method for producing curved brushes. 3,175,865, 3–30–65, Cl. 300—21.
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Herrmann, John F., to Graflex, Inc. Viewing device for microfilm strip. 3,180,207, 4–27–65, Cl. 88—1.
Herrmann, Julius, and E. Hoffmann, to Gewerkschaft Eisenhutte Westfalia. Mining support. 3,192,722, 7–6–65, Cl. 61—45.
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Hershberger, Gerald R. Vehicle lighting, timing, and warning system. 3,225,150, 12–21–65, Cl. 200—33.
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Herzog, George L., to Goodman Mfg. Co. Overhead support for conveyor frame. 3,191,760, 6–29–65, Cl. 198—192.
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Herzog, Gerald B., to Radio Corp. of America. Logic circuit employing transistors and negative resistance diodes. 3,207,913, 9–21–65, Cl. 307—88.5.
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Heying, Theodore L., to United States of America, Air Force. Lithium decaborane ammonia adducts preparation. 3,175,877, 3–30–65, Cl. 23—14.
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Heyman, Horace W., J. Hambleton, and D. Gurwitcz, to Sevcon Engineering Ltd. Variable speed motor system utilizing controlled rectifiers. 3,222,582, 12–7–65, Cl. 318—139.
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Heynen, Max, and K. Wiesemann, to Heyco-Werk Heynen & Co. Clamping arrangements for tools or workpieces. 3,199,859, 8–10–65, Cl. 269—25.
Heyning, Joan M., and B. Moulds, to International Business Machines Corp. Multivibrator pulse generator. 3,214,602, 10–26–65, Cl. 307—88.5.
Heyns, Ockert S. Apparatus for facilitating the processes of parturition. 3,207,160, 9–21–65, Cl. 128—361.
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Heywood, Donald L., H. A. Stansbury, Jr., and B. Phillips, to Union Carbide Corp. Hydroxylation of organic compounds. 3,182,008, 5–4–65, Cl. 204—162.
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Hickey, John J., to Thompson Ramo Wooldridge Inc. Image converter tube, including focussing electrode decoupling capacitance. 3,177,390, 4–6–65, Cl. 313—99.
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Hickey, John J., to Thompson Ramo Wooldridge Inc. High repetition rate time delay circuit. 3,214,612, 10–26–65, Cl. 307—88.5.
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Hicks, John W., Jr., and H. B. Cole, to American Optical Co. Light-conducting devices and apparatus for making the same. 3,193,363, 7–6–65, Cl. 65—4.
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Hilding, Herman W. Process for the prevention of Marine growth. 3,219,505, 11–23–65, Cl. 156—154.
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Hildner, David W., to Maremont Corp. Tube coupling for shock absorbers. 3,193,310, 7–6–65, Cl. 285—27.
Hildon, Anthony M., to Laporte Chemicals Ltd. Method of preparing permonosulphate. 3,203,756, 8–31–65, Cl. 23—114.
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Malsbary, James S., and Hilker. 3,221,280.
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Hilker, Erwin B., deceased, by A. Hilker, administratrix, to Wagner Electri· Corp. Harmonic and phase shift suppressor means. 3,172,034, 3–2–65, Cl. 323—75.
Hilker, Erwin B., deceased, by A. Hilker, administratrix, to Wagner Electric Corp. Voltage control device. 3,199,020, 8–3–65, Cl. 323—89.
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Hill, Carl J. Poultry gizzard processing apparatus. 3,172,-148, 3–9–65, Cl. 17—11.
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Himes, John M., to E. R. Wagner Mfg. Co. Cabinet hinge. 3,224,036, 12–21–65, Cl. 16—190.

Himler, Paul J., to B. Macnaughton. Bottle holder. 3,220,-685, 11–30–65, Cl. 248—350.

Himmerich, L. H.: *See—*
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Himmel, Leon: *See—*
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Himmel, Leon, to International Telephone and Telegraph Corp. Identification system. 3,201,757, 8–17–65, Cl. 340—171.

Himmele, Walter, and N. von Kutepow, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of pyrrolidone. 3,198,808, 8–3–65, Cl. 260—326.5.

Himmelmann, Wolfgang, H. Mader, R. F. Posse, and H. Ulrich, to Agfa Aktiengesellschaft. Flocculated gelatine emulsions containing sulphonated copolymers of styrene. 3,168,403, 2–2–65, Cl. 96—114.

Himmelmann, Wolfgang, H. Ulrich, and W. Kleist, to Agfa Aktiengesellschaft. Photographic elements containing bischloroacylamido hardening agents. 3,174,861, 3–23–65, Cl. 96—111.

Himmelmann, Wolfgang, W. Gauss, H. Meckl, and H. Ulrich, to Agfa Aktiengesellschaft. Photographic elements containing hardening agents having ethyleneimino groups. 3,220,-848, 11–30–65, Cl. 96—111.

Himmelmann, Wolfgang, H. Ulrich, and H. Meckl, to Agfa Aktiengesellschaft. Hardening photographic layers containing proteins. 3,226,234, 12–28–65, Cl. 96—111.

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Knoevenagel, Kurt, and Himmelreich. 3,171,832.

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Himmelsbach, Paul, to Jos. Schneider & Co., Optische Werke. Control mechanism for the components of optical objectives. 3,165,044, 1–12–65, Cl. 95—45.

Himmelsbach, Paul, and A. Baab, to Jos. Schneider & Co., Optische Werke. Precision caliper. 3,196,546, 7–27–65, Cl. 33—143.

Himmerich, Melvin, and J. E. Vaughn, to Honeywell Inc. Humidification apparatus. 3,212,492, 10–19–65, Cl. 126—113.

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Himy, Albert, and R. Di Pasquale, to Yardney International Corp. Hermetically sealed battery cell and process for making same. 3,173,808, 3–16–65, Cl. 136—6.

Hinch, William J., to Ford Motor Co. Battery hold down clamp. 3,167,148, 1–26–65, Cl. 180—68.5.

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Hinchcliffe, Theodore H., deceased, by E. Hinchcliffe, administratrix. Guides for conveyor belts. 3,186,536, 6–1–65, Cl. 198—202.

Hinchman, Walter R., to United States of America, Navy. Gating system for semi-active missile guidance which allows signals of predetermined velocity and range to enter. 3,212,083, 10–12–65, Cl. 343—7.3.

Hinckley, Alfred A., to Metal Hydrides Inc. Method for inhibiting color formation in amines. 3,222,310, 12–7–65, Cl. 260—29.6.

Hinckley, Alfred A., and R. C. Wade, to Metal Hydrides Inc. Preparation of alkali metal hydrosulfites. 3,167,515, 1–26–65, Cl. 252—188.

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Hinden, Milton. Flexible connector. 3,214,807, 11–2–65, Cl. 24—16.

Hinden, Milton. Sheet metal tool. 3,190,250, 6–22–65, Cl. 113—1.

Hinderer, Gottlob, to Price-Pfister Brass Mfg. Co. Metal forming process for shaping ends of tubes. 3,225,581, 12–28–65, Cl. 72—370.

Hinderer, Gottlob, and R. E. Thorp, to Price-Pfister Brass Mfg. Co. Shear seal valve. 3,166,097, 1–19–65, Cl. 137—625.17.

Hindermann, Peter, H. P. Kolliker, and A. Staub, to J. R. Geigy A.-G. Derivatives of (oxyphenoxy)-phenylamino dihydroxy-anthraquinone. 3,214,445, 10–26–65, Cl. 260—380.

Hindermann, Peter, and H. P. Kolliker, to J. R. Geigy, A.-G. Process for the production of 1-hydroxy-4-phenylaminoanthraquinone compounds. 3,215,710, 11–2–65, Cl. 260—380.

Hindermann, Peter, H. P. Kolliker, J. Amman, and A. Pugin, to J. R. Geigy, A.-G. Cellulose, wood, silk and leather fibers fast-dyed with chlorotriazine containing reactive dyestuffs. 3,226,176, 12–28–65, Cl. 8—10.

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Schoepfle, Blaine O., Hindersinn, and Worsley. 3,214,395.
Schoepfle, Blaine O., Hindersinn, and Worsley. 3,214,396.

Hindersinn, Raymond R., and M. Worsley, to Hooker Chemical Corp. Novel polyurethane compositions and method of preparing same. 3,208,956, 9–28–65, Cl. 260—2.5.

Hindersinn, Raymond R., and M. Worsley, to Hooker Chemical Corp. Novel polyurethane compositions and methods of preparing same. 3,208,960, 9–28–65, Cl. 260—2.5.

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Hindin, Saul G., ½ to Air Products and Chemicals, Inc., and ½ to Northern Natural Gas Co. Fuel cell with screen electrodes. 3,215,562, 11–2–65, Cl. 136—86.

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Hindle, Thomas, and E. Race, to Scapa Dryers Ltd. Method of making paper-machine felt. 3,176,375, 4–6–65, Cl. 28—73.

Hindle, Thomas, and E. Race. Paper-machine felt. 3,224,923, 12–21–65, Cl. 161—64.

Hindman, Daniel T.: *See*—
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Hinds, Ronald, to British Insulated Callender's Cables Ltd. Transposing heads for use in the manufacture of transposed multiple strip conductor. 3,212,531, 10–19–65, Cl. 140—71.

Hinds, Virgil A., to Sperry Rand Corp. Automatic contrast circuit employing two cascaded difference amplifiers for changing slope of information signal. 3,181,007, 4–27–65, Cl. 307—88.5.

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Hine, Louis P., Jr., and R. J. Vales, to The C. A. Olsen Mfg. Co. Gas burner. 3,177,923, 4–13–65, Cl. 158—116.

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Cook, John S., and Hines. 3,169,246.

Hines, Leonard R., and R. J. Shirk, to American Cyanamid Co. Antibacterial coating compositions. 3,192,057, 6–29–65, Cl. 106—15.

Hines, Marion E. Electric wave frequency converters. 3,196,356, 7–20–65, Cl. 325—445.

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Hines, William G., and R. L. Addinall, to The Steel Co. of Canada, Ltd. Analytical method and apparatus. 3,172,732, 3–9–65, Cl. 23—230.

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Hink, John H., Jr., and J. K. McDonald, to Cutter Laboratories, Inc. Method of preparing stable human profibrinolysin and fibrinolysin. 3,168,447, 2–2–65, Cl. 195—66.

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Hinkamp, James B., to Ethyl Corp. Lubricating oil compositions. 3,224,975, 12–21–65, Cl. 252—51.5.

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Hinrichs, Karl, to Beckman Instruments Inc. Wide-band isolator. 3,217,264, 11–9–65, Cl. 330—10.

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Hintze, Johannes, and H. Ehrich, to Anschutz & Co. G.m.b.H. Gyroscopic instrument. 3,174,346, 3–23–65, Cl. 74—5.7.

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Arakawa, Morimasa, Hirooka, Kosugi, and Kawano. 3,211,683.
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Hirshfeld, Julian J., to Monsanto Co. Method of dyeing synthetic fibers wherein the dyestuff is developed on the fiber. 3,178,253, 4–13–65, Cl. 8—46.
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Hirst, Archie J., K. Siwek, and T. J. Potterton, to Metalastik Ltd. Expansion joints. 3,165,987, 1–19–65, Cl. 94—18.
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Hisada, Saiichi. Reverse spot facing tool. 3,209,651, 10–5–65, Cl. 90—11.
Hiscock, Earle F., to Kip, Inc. Coffee packet and synthetic filter paper utilized therein. 3,183,096, 5–11–65, Cl. 99—77.1.
Hiser, Dean L. Agitator. 3,224,742, 12–21–65, Cl. 259—75.
Hiser, William H. Clothes hanging rack for automobiles. 3,172,541, 3–9–65, Cl. 211—105.2.
Hi-Shear Corp.: *See*—
Batten, Ronald W. 3,217,571.
Bynum, Jerry M. 3,180,386.
Dickie, William R. 3,170,363.
Dickie, William R. 3,176,573.
Dickie, William R. 3,205,299.
Greening, William J., Jr., and Clegg. 3,199,999.
Jackson, Charles H. 3,203,843.

Hi-Shear Rivet Tool Co.: *See*—
Wing, George S. 3,181,413.
Wing, George S. 3,187,790.
Hislop, John A., to V. Newport. Counterbalanced drafting machine. 3,178,825, 4–20–65, Cl. 33—79.
Hi-Speed Checkweigher Co., Inc.: *See*—
Del Rosso, Victor. 3,180,475.
Hitachi, Ltd.: *See*—
Hojo, Toku, and Matsuda. 3,187,162.
Hojo, Toku, and Takeya. 3,187,667.
Hyuga, Shigeyuki. 3,213,214.
Kikuchi, Takashi, and Mizuhara. 3,218,763.
Kobayashi, Tetsuo, and Nakano. 3,198,917.
Koreishi, Yasuki. 3,197,154.
Mori, Ryutaro, and Kurabayashi. 3,224,020.
Ooka, Hiroshi, Onishi, and Oshima. 3,191,084.
Seki, Takeo, Sawada, and Suzuki. 3,205,415.
Takase, Mitsuo. 3,186,684.
Taniguchi, Tetsuji. 3,197,992.
Hitachi Ranpu Kabushiki Kaisha: *See*—
Machida, Jyusaku, Hagiwara, Yamada, Isago, and Sugishita. 3,226,334.
Hitachi Wire & Cable Ltd.: *See*—
Saito, Tetsuo, Yamaji, and Kakizaki. 3,167,857.
Hitachi Zosen Kabushiki Kaisha: *See*—
Fuchiwaki, Shinobu. 3,180,789.
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Uchida, Yoshiro. 3,203,071.
Hitch, Eric G.: *See*—
King, Daniel L., and Hitch. 3,171,065.
Hitchcock, Allen M.: *See*—
Hubert, Charles L., Hitchcock, Niemi, Hoyt, and Turner. 3,185,050.
Hitchcock, Arthur A., to A.C.B. Corp. Circuit breaker for vehicles including inertia-operated switch. 3,198,899, 8–3–65, Cl. 200—61.45.
Hitchcock, John H., to Morgan Construction Co. Coiling, cutting, and transporting large rod bundles. 3,222,965, 12–14–65, Cl. 83—27.
Hitchcock, Lloyd, Jr., and D. A. Morway, to United States of America, Navy. Universal-fit acceleration protective device. 3,165,355, 1–12–65, Cl. 297—216.
Hitchcock, Paul C., to The Chase-Shawmut Co. Electric fuse terminals and method for manufacturing the same. 3,222,482, 12–7–65, Cl. 200—132.
Hitchcock, Richard W., to United Shoe Machinery Corp. Twin beam die cutting presses. 3,172,324, 3–9–65, Cl. 83—538.
Hitchings, George H., and G. B. Elion, to Burroughs Wellcome & Co. (U.S.A.) Inc. 9-nucleoside-6-thioheterocycles and method of making. 3,176,005, 3–30–65, Cl. 260—211.5.
Hitt, George F. Adjustable chuck assembly. 3,221,787, 12–7–65, Cl. 144—209.
Hittesdorf, Robert M. Refuse receptacle holder for vehicles. 3,176,950, 4–6–65, Cl. 248—226.
Hitzman, Donald O., to Phillips Petroleum Co. Microbial oil prospecting method. 3,174,910, 3–23–65, Cl. 195—103.5.
Hitzman, Donald O., to Phillips Petroleum Co. Controlling bacteria with hydrocarbon gases. 3,185,215, 5–25–65, Cl. 166—99.
Hitzman, Donald O., to Phillips Petroleum Co. Use of bacteria in the recovery of petroleum from underground deposits. 3,185,216, 5–25–65, Cl. 166—42.
Hitzman, Donald O., to Phillips Petroleum Co. Hydrocarbon fermentation process. 3,212,993, 10–19–65, Cl. 195—28.
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Craker, Noel D., Stenning, and Cotton. 3,183,392.
Hi-Voltage Equipment Co., a division of Joslyn Mfg. and Supply Co.: *See*—
Luehring, Elmer L., and Hoffman. 3,198,986.
Hix, Marvin C., to Phillips Petroleum Co. Removal of immiscible liquid contaminants from fluids. 3,215,623, 11–2–65, Cl. 210—24.
Hixon, George D., ⅓ to E. Goloubow, and ¼ to D. M. Feferman. Outboard motor mounting device. 3,191,573, 6–29–65, Cl. 115—41.
Hixon, Philip E.: *See*—
Fleisher, Marvin B., and Hixon. 3,224,356.
Hiyama, Kazuo. Mobile scaffold. 3,191,717, 6–29–65, Cl. 182—131.
Hi-Yield Fertilizer Co.: *See*—
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Hjälsten, John A., to Sandvikens Jernverks Aktiebolag. Drill for rotary percussion drilling. 3,199,616, 8–10–65, Cl. 175—284.
Hjelte, George. Body muscular development device. 3,210,077, 10–5–65, Cl. 272—56.5.
Hjelte, Nils S. Aralkylaminoalkylene guanidines. 3,211,789, 10–12–65, Cl. 260—564.
Hjermstad, Hans U., and R. Schumacher, to Electro-Seal Corp. Voltage regulator. 3,201,683, 8–17–65, Cl. 323—45.
Hlacia, Roland R. Garment for holding workmen against falling. 3,176,793, 4–6–65, Cl. 182—3.
Hlavka, Joseph J., to American Cyanamid Co. Substituted 6-deoxytetracyclines and 6-demethyl-6-deoxytetracyclines. 3,219,671, 11–23–65, Cl. 260—349.
Hlavka, Joseph J., and H. M. Krazinski, to American Cyanamid Co. Preparation of nitrotetracyclines. 3,180,889, 4–27–65, Cl. 260—559.
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Newton, John S., Hlinsky, and Gonski. 3,208,797.
Hlinsky, Emil J., to Goodman Mfg. Co. Automatic control for continuous mining machine. 3,170,732, 2–23–65, Cl. 299—71.
Hlinsky, Emil J., to Goodman Mfg. Co. Continuous mining machine with loading means. 3,197,256, 7–27–65, Cl. 299—64.
Hnilicka, Milo P., Jr., to National Research Corp. Insulation device. 3,204,804, 9–7–65, Cl. 220—9.
Ho, Bin-Lun, to International Business Machines Corp. Rotary optical servomechanism. 3,217,170, 11–9–65, Cl. 250—230.
Ho, Er-chun, J. J. Fakkeldij, and I. B. Merles, to Hughes Aircraft Co. Frequency discriminator with center frequency control. 3,170,121, 2–16–65, Cl. 329—117.
Hoadley, Henry H., and J. B. Hawkes, to United Aircraft Corp. Means increasing population of selected energy level of masers. 3,177,446, 4–6–65, Cl. 331—94.5.
Hoadley, Robert B. Keeper for electrical cords. 3,197,830, 8–3–65, Cl. 24—16.
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Hoag, Lehman E., to American Can Co. Glass container. 3,182,839, 5–11–65, Cl. 215—1.
Hoag, Yates M., to General Electric Co. Detent spring. 3,173,306, 3–16–65, Cl. 74—527.
Hoag, Yates M., to General Electric Co. Battery condition tester for devices having an audio amplifier and electroacoustic transducer. 3,196,357, 7–20–65, Cl. 325—492.
Hoagland, Peter S. Drafting device. 3,165,839, 1–19–65, Cl. 33—109.
Hoard, Lee M., to Utility Body Co. Safety device for a basket. 3,190,391, 6–22–65, Cl. 182—2.
Hoare, John J.: *See*—
Graber, John N., and Hoare. 3,192,995.
Salzmann, Ferdinand F., and Hoare. 3,199,142.
Hobam, Inc.: *See*—
Hager, John L., and White. 3,187,377.
Hobart Brothers Co.: *See*—
Flora, Russell T. 3,194,943.
Williams, Glyn O. 3,180,969.
Hobart Mfg. Co., The: *See*—
Allen, Kenneth C. Re. 25,768.
Allen, Kenneth C. 3,170,624.
Allen, Kenneth C. 3,196,964.
Allen, Kenneth C. 3,217,819.
Allen, Kenneth C., and Meeker. 3,196,962.
Athey, Stuart E. 3,207,967.
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Hobbs, Donald C., to Chas. Pfizer & Co., Inc. 2-(5-nitrofurfuryl)-mercapto-pyrimidines. 3,165,517, 1–12–65, Cl. 260—251.
Hobbs, Donald C., H. T. Huang, and T. A. Seto, to Chas. Pfizer & Co., Inc. Derivatives of 6-amino penicillanic acid. 3,174,964, 3–23–65, Cl. 260—239.1.
Hobbs, Doreen Y.: *See*—
Ranby, Peter W., Turner, and Hobbs. 3,215,847.
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Brandt, Theodore C., and Hobbs. 3,174,541.
Hobbs, Millice F., to International Minerals & Chemical Corp. Ferrous glutamate. 3,168,541, 2–2–65, Cl. 260—439.
Hobbs, Norman L., to American Home Products Corp. Tamper-proof container for hypodermic syringes. 3,207,302, 9–21–65, Cl. 206—63.2.
Hobbs, Norman L., and H. Tint, to American Home Products Corp. Fluid dispenser. 3,189,227, 6–15–65, Cl. 222—94.
Hobbs, Revis V.: *See*—
Snoddy, Glen T., and Hobbs. 3,213,181.
Hobbs, Riley L. Rotary tube end cleaner. 3,188,674, 6–15–65, Cl. 15—179.
Hobbs, William, Jr., to Sperry Rand Corp. Feed handling apparatus. 3,176,926, 4–6–65, Cl. 241—101.
Hobbs, William, Jr. Process for coating screens. 3,201,274, 8–17–65, Cl. 117—128.4.
Hobel, Philip S. Lounging chair with adjustable back and arm rest. 3,179,467, 4–20–65, Cl. 297—359.
Hobgood, George W.: *See*—
Pingry, Carl O., III, and Hobgood. 3,202,834.
Hobgood, Price, and W. Rosenberg. Metering and proportioning apparatus for fluent solid materials. 3,176,878, 4–6–65, Cl. 222—134.
Hobin, John L., to Springfield-Greene Industries, Inc. Methods for thermometer manufacture. 3,186,814, 6–1–65, Cl. 65—116.
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Porter, Allan W. H. 3,201,955.
Hobson, Alan G.: *See*—
Worth, Thomas C., and Hobson. 3,200,955.
Hobson, Charles F., Jr., to General Electric Co. Panel assembly comprising electric circuit breakers and fuses. 3,205,410, 9–7–65, Cl. 317—114.
Hobson, Charles F., Jr., to General Electric Co. Adjustable actuating means with U-shaped spring retainer. 3,206,584, 9–14–65, Cl. 200—166.
Hobson, Charles M., Jr., to United States Gasket Co. Jacketed gasket. 3,174,764, 3–23–65, Cl. 277—231.
Hobson, Charles M., Jr., and W. J. Kelly, to Garlock Inc. Method of making a fluorocarbon resin jacketed gasket. 3,207,644, 9–21–65, Cl. 156—217.

Hobson, Stanley C.: *See—*
Meeske, Philip F., and Hobson. 3,218,004.
Hoch, Louis C.: *See—*
Lawrence, Harold C., and Hoch. 3,204,912.
Lawrence, Harold C., Hoch, and Bailes. 3,204,911.
Lawrence, Harold C., Hoch, and Bailes. 3,204,913.
Hoch, Paul E., to Hooker Chemical Corp. Herbicidal method. 3,210,177, 10–5–65, Cl. 71—2.6.
Hoch, Paul E., to Hooker Chemical Corp. Hexa-halo-bicyclo [2.2.1] hept-5-ene-2,3-bis ureas. 3,219,695, 11–23–65, Cl. 260—553.
Hoch, Paul E., to Hooker Chemical Corp. Polyhalogen containing bicyclic compounds and polymers thereof. 3,220,-988, 11–30–65, Cl. 260—82.1.
Hoch, Paul E., to Hooker Chemical Corp. Esters of 4,5,6-trichloroisophthalic acid. 3,221,044, 11–30–65, Cl. 260—475.
Hoch, Paul E., to Hooker Chemical Corp. Dehydrochlorination of polychlorochloromethylbicycloheptenes. 3,221,066, 11–30–65, Cl. 260—648.
Hoch, Robert S., to Phillips Petroleum Co. Cement reversing out tool for casingless completions. 3,185,218, 5–25–65, Cl. 166—156.
Hoch, Robert S., to Phillips Petroleum Co. Underwater well completion. 3,211,223, 10–12–65, Cl. 166—66.5.
Hoch, Robert S., and R. W. Elliott, to Phillips Petroleum Co. Well operation. 3,198,250, 8–3–65, Cl. 166—4.
Hoch, William H. Reel. 3,171,610, 3–2–65, Cl. 242—110.1.
Hochberg, Frederick: *See—*
Berkenblit, Melvin, Cheroff, Hochberg, and Reisman. 3,222,216.
Cheroff, George, Hochberg, and Reisman. 3,175,091.
Reisman, Arnold, Berkenblit, Cheroff, and Hochberg. 3,202,609.
Hochberg, Jerome, to E. I. du Pont de Nemours and Co. Sheet of autogenously bonded polytetrafluoroethylene fibers and method of producing same. 3,186,897, 6–1–65, Cl. 161—150.
Hochberg, Jerome, to E. I. du Pont de Nemours and Co. Process for impregnating fabrics with aqueous polymeric impregnating composition. 3,202,541, 8–24–65, Cl. 117—140.
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Hochgraf, Lester, to Bell Telephone Laboratories, Inc. Circuit for interconnecting a number of calling lines. 3,182,134, 5–4–65, Cl. 179—18.
Hochgraf, Lester, to Bell Telephone Laboratories, Inc. Transmission improvement in party-line telephone systems. 3,189,688, 6–15–65, Cl. 179—35.
Hochgraf, Lester, to Bell Telephone Laboratories, Inc. Transmission improvement in party-line telephone systems. 3,189,689, 6–15–65, ,Cl. 179—35.
Hochheiser, Jerome S. Infinite impedance amplifier tube of cathode ray tube type. 3,210,595, 10–5–65, Cl. 315—18.
Hochman, Harry, to United States of America, Navy. Coating composition. 3,169,071, 2–9–65, Cl. 106—15.
Hochmuth, Frank W., to Combustion Engineering, Inc. Black liquor chemical recovery unit having an open gas pass. 3,169,512, 2–16–65, Cl. 122—7.
Hochmuth, Frank W., to Combustion Engineering, Inc. Black liquor chemical recovery unit utilizing gas recirculation. 3,170,442, 2–23–65, Cl. 122—7.
Hochmuth, Frank W., to Combustion Engineering, Inc. Vapor generating apparatus. 3,213,831, 10–26–65, Cl. 122—1.
Hochmuth, Frank W. Chain matrix heat exchanger. 3,224,-498, 12–21–65, Cl. 165—5.
Hochmuth, William R., W. E. Lowrey, and P. J. Natho, to ACF Industries, Inc. Stem-gate connection. 3,223,380, 12–14–65, Cl. 251—284.
Hochstein, Roland, to Zeiss Ikon Aktiengesellschaft. Camera release device. 3,186,319, 6–1–65, Cl. 95—10.
Hochstein, Roland, to Zeiss Ikon Aktiengesellschaft. Motion picture camera with film controlled signal. 3,205,507, 9–7–65, Cl. 352—171.
Hochuli, John H., Jr., and G. H. Lengenfelder, to Diamond Mfg. Corp. Louver retaining clip for jalousie window. 3,196,498, 7–27–65, Cl. 20—62.
Hochwalt, Carroll A., Jr., to The International Nickel Co., Inc. Method for controlling nematodes with nickel salts. 3,214,-332, 10–26–65, Cl. 167—14.
Hochwalt, George C., and H. A. Mayo, Jr., to Allis-Chalmers Mfg. Co. Hydraulic power installation. 3,184,218, 5–18–65, Cl. 253—31.
Hock, Fromund, to Ernst Leitz G.m.b.H. Optical system for analyzing movement of a movable grating. 3,198,061, 8–3–65, Cl. 88—14.
Hock, Lawrence L., to Niagara Machine & Tool Works. Method of forming sheet metal. 3,170,429, 2–23–65, Cl. 113—116.
Hocker, James P., to Corning Glass Works. Electrically heated immersible warming unit. 3,191,004, 6–22–65, Cl. 219—461.
Höcker, Karl H., and F. Wagner, to Siemens-Schuckertwerke Aktiengesellschaft. Fuel element assembly. 3,189,524, 6–15–65, Cl. 176—71.
Hocker, Lon: *See—*
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Hockin, John, and R. J. Charlton, to Consolidated Foundries & Mfg. Corp. Monolithic investment shell casting. 3,206,-810, 9–21–65, Cl. 22—129.
Hocking, Colin S., and N. L. Hultgren, to Electrolux, Aktiebolaget. Thermomagnetic control apparatus. 3,220,463, 11–30–65, Cl. 158—132.
Hockings, William A., D. H. Rose, and A. M. Gaudin, to Copper Range Co. Treatment of sulfidic material. 3,224,-835, 12–21–65, Cl. 23—135.
Hockinson, Gordon H. Incinerator and smoke-consuming apparatus. 3,190,244, 6–22–65, Cl. 110—18.
Hockman, Elroy S., and F. Weidmann, to General Motors Corp. Stretch bending machine and method. 3,172,450, 3–9–65, Cl. 153—3.
Hodak, Louis. Car top carrier for automobiles. 3,220,624, 11–30–65, Cl. 224—42.1.
Hodan, James J.: *See—*
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Baranauckas, Charles F., Carr, and Hodan. 3,184,496.
Hoddinott, William M.: *See—*
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Wahlstrom, Magnus, and Hoddinott. 3,197,219.
Hoddy, George W., G. L. and R. A., to Universal Electric Co. Bearing structure. 3,223,464, 12–14–65, Cl. 308—72.
Hoddy, Gerald L.: *See—*
Hoddy, George W., G. L. and R. A. 3,223,464.
Hoddy, Raymond A.: *See—*
Hoddy, George W., G. L. and R. A. 3,223,464.
Hodgdon, Russell B., Jr., to Monsanto Co. Lithium nitrate as a polymerization catalyst for styrene, acrylamide, and other unsaturated polymers. 3,214,419, 10–26–65, Cl. 260—89.7.
Hodge, Arthur O. A. Multiple-stage sealing assembly. 3,197,-215, 7–27–65, Cl. 277—64.
Hodge, Donald R., E. A. Janicki, and C. F. Meidel, to Cutler-Hammer, Inc. Mold for making a combined electromagnetic armature and contact carrier. 3,224,045, 12–21–65, Cl. 18—36.
Hodge, Edward B., to Commercial Solvents Corp. Petroleum lubricants stabilized with bactericides. 3,183,188, 5–11–65, Cl. 252—49.5.
Hodge, Edward B., to Commercial Solvents Corp. Petroleum lubricants stabilized with bactericides. 3,183,189, 5–11–65, Cl. 252—49.5.
Hodge, Edward B., to Commercial Solvents Corp. Process for the stabilization of petroleum lubricant. 3,192,163, 6–29–65, Cl. 252—49.5.
Hodge, John M., to United States Steel Corp. Production of heat-treated sheets. 3,196,053, 7–20–65, Cl. 148—12.4.
Hodge, Marion C. Reset mechanism for parking meters. 3,178,880, 4–20–65, Cl. 58—142.
Hodge, Paul V., and D. T. Barry, to Texas Instruments Inc. Apparatus for measurement of gravity at sea. 3,194,075, 7–13–65, Cl. 73—382.
Hodge, William F., to General Electric Co. Tubular incandescent lamp. 3,195,001, 7–13–65, Cl. 313—279.
Hodge, William F., to General Electric Co. Radiant energy device. 3,219,872, 11–23–65, Cl. 313—316.
Hodgeman, Herbert H., and P. E. Slaughter, to Daniel Orifice Fitting Co. Integral orifice plate and metal seal. 3,176,723, 4–6–65, Cl. 138—44.
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Crookston, James A., Boyer, and Hodges. 3,208,412.
Hodges, Claude D., and D. L. Frederick. Portable viewing apparatus. 3,185,027, 5–25–65, Cl. 88—24.
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Helmer, John C., Sturrock, and Hodges. 3,214,630.
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Darby, Ronald A., Hodges, and Letsch. 3,167,150.
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Williams, Beverly E. 3,192,056.
Hodges, Robert J.: *See—*
Balcar, Frederick R., Marancik, and Hodges. 3,190,941.
Hodges, Robert T. Stabilizing device for ice skates. 3,181,-879, 5–4–65, Cl. 280—11.12.
Hodgins Combustion Devices Ltd.: *See—*
Hodgins, William. 3,165,285.
Hodgins, George R.: *See—*
Habib, David P., and Hodgins. 3,203,803.
Hodgins, William, to Hodgins Combustion Devices Ltd. Smoke pipe bracket. 3,165,285, 1–12–65, Cl. 248—65.
Hodgkins, Charles E.: *See—*
Carter, Gerard, and Hodgkins. 3,221,228.
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Kaplan, Harry, Hodgkiss, and Trzaskowski. 3,211,670.
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McMillan, Peter W., Hodgson, and Partridge. 3,220,815.
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Caldwell, James, Hodgson, and Hopwood. 3,194,957.
Hodgson, Maurice A. E.: *See—*
Palmer, Keith W., and Hodgson. 3,219,721.

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Hodgson, Reginald H., and F. W. Thomas, to Albermarle Paper Mfg. Co. Sliding door construction for corrugated containers and the like. 3,179,314, 4–20–65, Cl. 222—561.
Hodgson, Robert D., to General Motors Corp. Illuminated cooking range. 3,221,161, 11–30–65, Cl. 240—2.1.
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Hodkinson, Harold, to Dunlop Rubber Co. Ltd. Friction pad retaining means for caliper type disc brakes. 3,220,513, 11–30–65, Cl. 188—73.
Hodnefield, Olaus T., 50% to K. O. Anderson. Fireproofing composition. 3,201,265, 8–17–65, Cl. 106—15.
Hodson, Frederick, to Mannin Engineering Ltd. Pipe coupling with compressible packing. 3,196,897, 7–27–65, Cl. 137—312.
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McDonald, John J. 3,217,999.
Porter, Clive H., McDonald, and Woessner. 3,166,206.
Hoefer, Robert J., to Honeywell Inc. Environmental condition control system. 3,214,098, 10–26–65, Cl. 236—1.
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Hoefle, Milton L., to Parke, Davis & Co. Derivatives of 4-oxo-6-quinazolinesulfonamide. 3,186,992, 6–1–65, Cl. 260—256.5.
Hoefle, Milton L., to Parke, Davis & Co. 4-halo-3-sulfamoylbenzamides and methods of preparing the same. 3,203,987, 8–31–65, Cl. 260—556.
Hoefler, Harry H. Mowing apparatus. 3,183,651, 5–18–65, Cl. 56—25.4.
Hoeft, Edward R.: *See*—
Starer, Robert L., Hoeft, and Dean. 3,218,847.
Hoeft, John E., to Owens-Illinois Glass Co. Flash evaporation of pulp liquor to eliminate calcium salts. 3,216,788, 11–9–65, Cl. 23—49.
Hoeg, Donald F., and A. B. Stryker, Jr., to W. R. Grace & Co. Process for polymerizing propylene wherein the titanium halide particle size is at least 150 microns. 3,168,506, 2–2–65, Cl. 260—93.7.
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Carlstrom, Borge I., and Rumberg. 3,220,970.
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Holder, Floyd P., to United States of America, Air Force. Submodulation systems for carrier re-creation and Doppler correction in single-sideband zero-carrier communications. 3,182,259, 5–4–65, Cl. 325—50.
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Rapprich, David D., and Holewinski. 3,189,942.
Holford, Thelma E. Reversible hat. 3,187,345, 6–8–65, Cl. 2—209.1.
Holga Metal Production Co.: *See*—
Michaelson, Carlyle. 3,164,419.
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Holicky, Donald F.: *See*—
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Holiday, Harry, Jr., and J. W. Wilkinson, to Armco Steel Corp. Blast furnace bleeder valve operation. 3,216,819, 11–9–65, Cl. 75—41.
Holiday Pools, Inc.: *See*—
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Holi-Gay Mfg. Co.: *See*—
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Holinbeck, Dale G., to Bjorksten Research Laboratories for Industry, Inc. High frequency immune squib. 3,185,093, 5–25–65, Cl. 102—28.
Holka, Thomas C., to Ford Motor Co. Battery mounting device. 3,165,163, 1–12–65, Cl. 180—68.5.
Holkeboer, David H., F. Pagano, D. J. Santeler, and W. F. Venneman, to Aero-Vac Corp. Combination trap and baffle for high vacuum systems. 3,175,373, 3–30–65, Cl. 62—268.
Holkesvick, Edgar E., to L. H. Himmelrich. Load-handling bracket. 3,217,840, 11–16–65, Cl. 188—65.4.
Holkesvick, Edgar E., ½ to L. H. Himmelrich. Liquid-cooled descent control device. 3,220,511, 11–30–65, Cl. 188—65.4.
Holkesvick, Edgar E., J. Hudnall, and R. W. Adams, to E. E. Holkesvick. Exercising device. 3,197,204, 7–27–65, 272—79.
Holl, Peter M., to General Electric Co. Combustion system. 3,169,369, 2–16–65, Cl. 260—39.66.
Holl, Robert W. Multiple point pen. 3,205,866, 9–14–65, Cl. 120—42.13.
Sterner, Melvin F., Romeo, Marsee, and Egerer. 3,207,490.
Holl, Walter W., Jr., and R. W. Walton, to Technicon Instruments Corp. Apparatus for treatment of solids for analysis. 3,223,486, 12–14–65, Cl. 23—253.
Holladay, Alfred C., and C. C. Houghton, to Owens-Illinois Glass Co. Automatic controller for tracking of lehr conveyor belts. 3,203,537, 8–31–65, Cl. 198—202.
Holladay, Forrest, to Burroughs, Corp. Line find device. 3,211,271, 10–12–65, Cl. 197—127.
Holladay, Forrest E., and N. R. Robbins, to Burroughs Corp. Front feed apparatus for bookkeeping machines. 3,211,272, 10–12–65, Cl. 197—127.
Holland, Arthur A. Endless belt filter. 3,190,451, 6–22–65, Cl. 210—251.
Holland, Edward R., to Hewlett-Packard Co. Analog to digital transducers. 3,201,781, 8–17–65, Cl. 340—347.
Holland, Edward T., Jr., to Daffin Corp. Roller bed conveyor. 3,189,160, 6–15–65, Cl. 198—37.
Holland, Frank H., to The Clark Controller Co. Electrical control circuits. 3,183,377, 5–11–65, Cl. 307—113.
Holland, Gerald F., W. M. McLamore, and G. D. Laubach, to Chas. Pfizer & Co., Inc. N-substituted p-benzenedisulfonamides. 3,165,550, 1–12–65, Cl. 260—556.
Holland, Herman, to Whittaker Corp. Collapsible antenna with plurality of flexible reflector petals releasably retained. 3,176,303, 3–30–65, Cl. 343—915.
Holland, James C. Steering arrangement for self-propelled cart. 3,208,764, 9–28–65, Cl. 280—87.
Holland, James E., and E. M. Polzin, to Thompson Ramo Wooldridge Inc. Shielded delay line. 3,199,054, 8–3–65, Cl. 333—31.
Holland, John P.: *See*—
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Holland, Kenneth D. Portable refrigeration chest. 3,196,631, 7–27–65, Cl. 62—238.
Holland, Leslie A.: *See*—
Siddall, George, Holland, and Hilliard. 3,171,017.
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Holland, Raymond P., Jr. Induction propeller. 3,226,031, 12–28–65, Cl. 170—159.
Holland, Raymond P., Jr. Multiple span aircraft. 3,226,056, 12–28–65, Cl. 244—2.
Holland, Theron M. Clamp-type rimmed can holder. 3,167,832, 2–2–65, Cl. 24—81.
Holland, Victor B., and M. C. Propst, Jr., to Cannon Mills Co. Towel with non-puckering decorative border. 3,169,557, 2–16–65, Cl. 139—383.
Holland, Warren E.: *See*—
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Holland, Warren E., C. B. Corley, Jr., and W. C. Lindsey, to Jersey Production Research Co. Method of plugging a well bore with a thermosetting resin. 3,170,516, 2–23–65, Cl. 166—23.
Holland, Warren E., and C. L. Prokop, to Esso Production Research Co. Recompletion of wells. 3,208,521, 9–28–65, Cl. 166—25.
Holland, William P.: *See*—
Bell, Locklin S., and Holland. 3,178,503.
Hollander, Harry. Vision trainer. 3,168,894, 2–9–65, Cl. 128—76.5.
Hollander, Jerome, and C. Woolf, to Allied Chemical Corp. Sym-hexafluoroisopropyl acrylate compounds and polymers thereof. 3,177,185, 4–6–65, Cl. 260—89.5.
Hollander, Jerome, and C. Woolf, to Allied Chemical Corp. Sym-tetrafluorodichloroisopropyl acrylate compounds and polymers thereof. 3,177,187, 4–6–65, Cl. 260—89.5.
Hollander, John M., to E.M.S. Electrical Products Ltd. Electric supply means for a travelling tapping. 3,172,511, 3–9–65, Cl. 191—23.
Hollander, Julius, and B. S. Sabreen, to The Denver Chemical Mfg. Co. Germicidal dental pad. 3,203,097, 8–31–65, Cl. 32—2.
Hollander, Lewis E., Jr.: *See*—
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Hollander, Milton B., to American Machine & Foundry Co. Friction welding. 3,212,182, 10–19–65, Cl. 29—470.3.
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Steenberg, Johannes. 3,225,263.
Hollar, George E. Fish feeding device. 3,163,959, 1–5–65, Cl. 43—44.99.
Hollaway, Raymond L., and H. E. Stover, to Anchor Hocking Glass Corp. Container sealing mechanism. 3,169,355, 2–16–65, Cl. 53—88.
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Hollenbeck, Clifford M., and R. W. Brandstetter, to Wisconsin-Zinn Malting Co. Process of producing malt and products produced thereby. 3,168,449, 2–2–65, Cl. 195—70.
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Hollenton, Frank, to American Machine & Foundry Co. Cigar cartoning machine. 3,213,589, 10–26–65, Cl. 53—55.
Hollenton, Frank, to American Machine & Foundry Co. Cigar accumulator. 3,219,201, 11–23–65, Cl. 214—6.
Holler, Howard V., to Shell Oil Co. Preparation of N,N′-hydrocarbon substituted hydrazines. 3,188,314, 6–8–65, Cl. 260—293.
Höller, Paul, to Firma Huttenwerk Oberhausen AG. Process for the extraction of gases from metals. 3,18,180, 6–8–65, Cl. 23—230.
Holleran, Charles R., to International Business Machines Corp. Binary division apparatus. 3,223,831, 12–14–65, Cl. 235—164.
Hollerith, Charles, to Magnochase Corp. Magnetic chase with relative movement between magnet and plate supporting surface. 3,188,951, 6–15–65, Cl. 101—382.
Holley Carburetor Co.: *See*—
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Buike, George W. 3,193,994.
Cameron, Donald J., Ensinger, and Smith. 3,177,812.
Cowles, Warren H., Alberani, and Ensinger. 3,171,420.
Cowles, Warren H., and Ensinger. 3,166,989.
Cowles, Warren H., and Smith. 3,183,957.
Cramer, Thomas F. 3,199,522.
Ensinger, Raymond L. 3,218,800.
Harroun, Richard R. 3,172,749.
Hayman, Dennis J. 3,186,174.
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Herman, Ronald E. 3,180,576.
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Kaminski, Walter R. 3,182,446.
Kaminski, Walter R. 3,212,711.
Karpiej, Chester. Re. 25,848.
Kerr, Fred S. 3,178,612.
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Locher, Ramuald B., Jr., and Nicoletti. 3,194,252.
Londal, Ralph K. 3,225,778.
Marsee, Frederick J., Romeo, and Dirda. 3,168,599.
Manning, William O., Jr. 3,186,691.
Manning, William O., Jr., and McCollough. 3,190,274.
Miesiak, Conrad E. 3,167,960.
Moseley, James T. W. 3,186,692.
Nicoletti, George W., Jr. 3,204,651.
Romeo, Neil M., and Egerer. 3,172,923.
Schneider, Alfred, Frank, and Fichuk. 3,182,648.
Schorn, Carl F. 3,186,306.
Scott, Ian J. C. 3,202,777.
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Holley, George M., Jr., to Holley Carburetor Co. Infinitely variable speed drives. 3,215,042, 11–2–65, Cl. 91—36.
Holley, John D., and E. E. Bode, to Kershaw Mfg. Co., Inc. Ballast removing apparatus. 3,222,803, 12–14–65, Cl. 37—104.
Holley, John M. Ball practicing device. 3,194,557, 7–13–65, Cl. 273—26.
Holley, Leman M., to Schlumberger Well Surveying Corp. Sonic logging in casing. 3,174,577, 3–23–65, Cl. 181—.5.
Holley Plastics Co.: *See*—
Robertson, Duane W. 3,195,770.
Hollichem Corp.: *See*—
Shibe, William J., Jr. 3,164,481.
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Shibe, William J., Jr., and Sittenfield. 3,223,711.
Holliday, George H.: *See*—
Wallace, Eugene W., Pryor, Bradley, and Holliday. 3,193,009.
Holliday, Stanley R. System for combustion engine. 3,204,621, 9–7–65, Cl. 123—119.
Holliday, Warren G., to Brown Oil Tools, Inc. Pipe cleaning machine. 3,210.788, 10–12–65, Cl. 15—88.
Hollifield, Lawrence R. Filling device. 3,191,644, 6–29–65, Cl. 141—302.
Hollings, John S., and G. W. Moore, to Rolls-Royce and Associates Ltd. Valve assembly. 3,175,576, 3–30–65, Cl. 137—510.
Hollingsworth, Albert A., to Woodward Iron Co. Pipe joint packing. 3,222,076, 12–7–65, Cl. 277—34.
Hollingsworth, Clinton A., and J. J. Lewis, to The Borden Co. Method of agglomerating phosphate material. 3,189,433, 6–15–65, Cl. 71—37.

Hollingsworth, Ernest H., to Aluminum Co. of America. Surface treatment of aluminum base alloys and resulting product. 3,180,806, 4–27–65, Cl. 204—29.
Hollingsworth, Henry L., and V. H. Lausen; said Hollingsworth assor. to Phelps Dodge Copper Products Corp. High-speed production of magnet wire. 3,181,326, 5–4–65, Cl. 72—46.
Hollingsworth, James W., and M. R. Horton, to Radio Corp. of America. Indirectly heated cathode. 3,225,246, 12–21–65, Cl. 313—270.
Hollingsworth, John H.: *See*—
Hughes, Robert L., Hollingsworth, and Garside. 3,221,730.
Hollingsworth, R. Lee. Washing machines for dishes, tableware and the like, and fluid valve controls therefor. 3,177,880, 4–13–65, Cl. 134—58.
Hollingsworth, R. Lee. Air-land-sea-space transportation craft. 3,193,214, 7–6–65, Cl. 244—12.
Hollingsworth, Robert R., to Probe and Develop, Inc. Carrying and storage case for reel of film or the like. 3,169,682, 2–16–65, Cl. 224—45.
Hollins College Corp.: *See*—
Steinhardt, Ralph G., Jr. 3,195,620.
Hollins, Peter H.: *See*—
Gurney, William A., Stubbs, and Hollins. 3,168,367.
Hollis, Clinton R., to International Paper Co. Bag closure. 3,194,481, 7–13–65, Cl. 229—62.
Hollis, Clinton R., and R. O. Baxter, to International Paper Co. Valve bag. 3,187,984, 6–8–65, Cl. 229—62.5.
Hollis, Frank, Jr., and B. Borders, to General Foods Corp. Process for preparing dehydrated potatoes. 3,220,857, 11–30–65, Cl. 99—207.
Hollis Heels Ltd.: *See*—
Powell, Peter H. 3,196,560.
Hollis, Hubert B. Motor speed control apparatus for steel slitting machine. 3,185,908, 5–25–65, Cl. 318—6.
Hollis, Jack L., to The Firestone Tire & Rubber Co. Tire machine. 3,196,066, 7–20–65, Cl. 156—405.
Hollis, John C., to Giddings & Lewis Machine Tool Co. Controls for machine tools. 3,200,921, 8–17–65, Cl. 192—142.
Hollis, Raymond, and E. E. Scheibe, to Graymills Corp. Portable pump assembly. 3,199,745, 8–10–65, Cl. 222—324.
Hollis, Wilmer B., to Startron Corp. Performance testing device and method for internal combustion engines. 3,186,218, 6–1–65, Cl. 73—116.
Hollister, Allen R.: *See*—
Whitney, Charles A., Hollister, and Tatro. 3,213,671.
Hollister, Allen R., to Pratt & Whitney Inc. Fluid gage adjusting unit. 3,182,488, 5–11–65, Cl. 73—37.5.
Hollister, Allen R., and W. J. Blaiklock, to Pratt & Whitney, Inc. Noncontacting fluid gage. 3,174,328, 3–23–65, Cl. 73—37.7.
Hollister, Edwin S., to General Electric Co. Adjusting screw spring clip. 3,183,738, 5–18–65, Cl. 74—526.
Hollister, Inc.: *See*—
Landau, William L., and Burkholder. 3,205,151.
Schneider, John D., and Nolan. 3,190,293.
Hollmann, Fritz, to Fritz Driescher Spezialfabrik fur Elektrizitatswerksbedarf. High-voltage multiphase circuit breaker with arc quenching chambers. 3,218,423, 11–16–65, Cl. 200—149.
Hollmann, Fritz, and H. Emmerich, to Fritz Driescher Spezialfabrik fur Elektrizitaelswerkbedarf. Cartridge fuse. 3,166,656, 1–19–65, Cl. 200—120.
Hollmann, Fritz, and H. Emmerich, to Fritz Driescher Spezialfabrik fur Elektrizitatswerks-bedarf. Fuse cartridge. 3,196,521, 7–27–65, Cl. 29—155.5.
Hollmann, Hans E., to Dresser Industries, Inc. Devices for minimizing the effects of friction. 3,167,958, 2–2–65, Cl. 73—231.
Hollmann, Hans E., to Dresser Industries, Inc. Servo type integrator with means for minimizing the effects of friction. 3,201,669, 8–17–65, Cl. 318—30.
Hollmann, Julius Z.: *See*—
Cacossa, Frank G., and Hollmann. 3,216,888.
Hollmann, Walter G., to The Frederick Post Co. Production of encapsulated light-sensitive diazo-type compositions and coatings. 3,202,510, 8–24–65, Cl. 96—75.
Holloman, William H. Releasable connector for connecting structural elements in buildings, furniture and other articles. 3,196,993, 7–27–65, Cl. 189—36.
Holloway, Don C., to Hough Mfg., Corp. Acoustic type folding door. 3,223,147, 12–14–65, Cl. 160—84.
Holloway, James A., C. R. Johnson, and J. R. Nevins. Combination tackle box and seat. 3,206,266, 9–14–65, Cl. 312—216.
Holloway, Joe S. Flame thrower for cultivating purposes. 3,164,927, 1–12–65, Cl. 47—1.44.
Holloway, Kenneth D.: *See*—
Reynolds, James E., and Holloway. 3,183,130.
Holloway, Kenneth J., G. W. C. Taylor, and A. T. Thomas, to Minister of Aviation, in Her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Manufacture of dextrinated lead azide. 3,173,818, 3–16–65, Cl. 149—35.
Holloway, Paul W.: *See*—
Baker, Chester L., and Holloway. 3,208,822.
Holloway, Robert E.: *See*—
Norton, James A., and Holloway. 3,226,251.
Holloway, Robert L., to American Machine & Foundry Co. Differential drive. 3,169,597, 2–16–65, Cl. 180—76.
Holloway, Robert L., to American Machine & Foundry Co. Air cushion vehicle. 3,209,848, 10–5–65, Cl. 180—7.
Holloway, Robert L., and A. E. Levendoski, to American Machine & Foundry Co. Friction welding. 3,185,368, 5–25–65, Cl. 228—2.
Holloway, Robert L., and J. A. Grom, to American Machine & Foundry Co. Machine for building a tread on pneumatic tires. 3,223,572, 12–14–65, Cl. 156—394.
Holloway, Thomas M.: *See*—
Chapman, William P., and Holloway. 3,216,252.
Holloway, Thomas M., to Johnson Service Co. Pneumatic relays. 3,166,085, 1–19–65, Cl. 137—82.
Holloway, Thomas M., to Johnson Service Co. Heat transfer meters. 3,216,248, 11–9–65, Cl. 73—193.
Holloway, Thomas M., and J. E. Fleckenstein, to Johnson Service Co. Controls for combination heating and cooling systems. 3,226,024, 12–28–65, Cl. 236—1.
Hollowell, Joseph L., to E. I. du Pont de Nemours and Co. Crosslapping method and apparatus. 3,183,557, 5–18–65, Cl. 19—163.
Hollub, Jean, B. Lange, and A. Maeder, to Ciba Ltd. Setting lotion for hair. 3,206,362, 9–14–65, Cl. 167—87.1.
Holly Computer Products: *See*—
Irvine, James M., Jr. 3,164,083.
Holly, Sandor, to International Business Machines Corp. Cylindrical lasers utilizing internal reflection techniques. 3,222,615, 12–7–65, Cl. 331—94.5.
Holly, Sterling R.: *See*—
Brunell, Richard L., and Holly. 3,193,916.
Hollyday, James H., to Sperry Rand Corp. Hitch. 3,181,892, 5–4–65, Cl. 280—477.
Hollyday, James H., to Sperry Rand Corp. Trip device. 3,195,443, 7–20–65, Cl. 100—4.
Hollyday, Joseph S., to Heinemann Electric Co. Circuit breaker having an improved linkage. 3,193,643, 7–6–65, Cl. 200—106.
Hollyday, Joseph S., to Heinemann Electric Co. Electromagnetic circuit for circuit breakers. 3,193,736, 7–6–65, Cl. 317—177.
Hollymatic Corp.: *See*—
Fetzer, Frederick. 3,222,935.
Hollyoak, William H., to The Proprietors of Hay's Wharf Ltd. Dredge with nozzle means for mixing air and water before emission thereof from said nozzle. 3,187,447, 6–8–65, Cl. 37—78.
Hollywood Products Corp.: *See*—
Pagliuso, Robert J. 3,208,711.
Holm, Donald R.: *See*—
Mulcahy, Harry W., and Holm. 3,176,855.
Holm, Donald R., and W. D. Wallace, to W. H. Miner, Inc. Draft gear. 3,202,300, 8–24–65, Cl. 213—22.
Holm, LeRoy W.: *See*—
Csaszar, Albert K., and Holm. 3,175,609.
Holm, LeRoy W., to Union Oil Co. of California. Solvent flood oil recovery method. 3,220,473, 11–30–65, Cl. 166—9.
Holm, LeRoy W., to Union Oil Co. of California. Olefin and/or aromatic miscible slug secondary recovery process. 3,220,474, 11–30–65, Cl. 166—9.
Holm, LeRoy W., and A. K. Csaszar, to The Pure Oil Co. Secondary recovery process using gas-liquid drive fluids. 3,177,939, 4–13–65, Cl. 166—9.
Holm, Luther E., to Holm's Mfg. Co. Head and knee rest operating drives for hospital beds and the like. 3,191,196, 6–29–65, Cl. 5—68.
Holm, Melvin M. Xylene isomerization with hydrogenation. Re. 25,753, 4–6–65, Cl. 260—668.
Holm, Torkil O., to Kefalas A/S. Dihydroanthracene compounds. 3,177,209, 4–6–65, Cl. 260—240.
Holm, Torkil O., to Kefalas A/S. Method of producing 9,10-dihydroanthracenes. 3,190,893, 6–22–65, Cl. 260—351.
Holm, Torkil O., to Kefalas A/S. Method of producing dibenzo [a.d] cyclohepta [1,4] dienes. 3,215,739, 11–2–65, Cl. 260—570.8.
Holm, Vernon C. F., and D. M. Blackburn, to Phillips Petroleum Co. Supported olefin conversion catalysts. 3,211,801, 10–12–65, Cl. 260—683.2.
Holman, Charles G. Theft prevention device for automobile wheels. 3,222,976, 12–14–65, Cl. 85—56.
Holman, David R.: *See*—
Holman, James O. 3,168,118.
Holman, Gordon E. Cabinets. 3,219,402, 11–23–65, Cl. 312—209.
Holman, Howard E., J. R. Brand, and M. Korinke, to The Wurlitzer Co. Electronic organ having tone generators with two different outputs. 3,204,507, 9–7–65, Cl. 84—1.19.
Holman, Howard E., J. H. Hearne, and M. C. Korinke, to The Wurlitzer Co. Rhythm device. 3,207,835, 9–21–65, Cl. 84—1.03.
Holman, James O., to D. R. Holman. Wire twisting device. 3,168,118, 2–2–65, Cl. 140—118.
Holman, John L. M., to The Trane Co. Heat exchanger. 3,212,570, 10–19–65, Cl. 165—162.
Holman, Keith L., to United States Steel Corp. Adjustable side stake. 3,225,708, 12–28–65, Cl. 105—380.
Holman, Merle R.: *See*—
Moodie, Ernest W., Holman, and Stanback. 3,187,086.
Holman, Robert E., Jr. Slide buckle with roller. 3,193,898, 7–13–65, Cl. 24—196.
Holman, Rudolph G., to W. J. Voit Rubber Corp. Method of building a tread on pneumatic tires. 3,177,918, 4–13–65, Cl. 152—330.
Holman, Rudolph G. Machine for winding a ball. 3,224,690, 12–21–65, Cl. 242—3.

Holman, Willis E.: *See*—
Patton, John T., and Holman. 3,208,526.
Holmberg, Emil G. Biased plug valve. 3,216,697, 11–9–65, Cl. 251—184.
Holmberg, John C.: *See*—
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Holme, Leroy M., to Capella Corp. Integral structure. 3,215,583, 11–2–65, Cl. 161—53.
Holmen, Reynold E., to Minnesota Mining and Mfg. Co. Photosensitive materials comprising diazonium salts of bisphenol esters. 3,169,864, 2–16–65, Cl. 96—75.
Holmes, Alfred, to Birfield Engineering Ltd. Machine tools. 3,209,627, 10–5–65, Cl. 82—2.7.
Holmes, Allie B. Closure for pressurized fluid tank. 3,211,321, 10–12–65, Cl. 220—44.
Holmes, Donald C.: *See*—
Cavanaugh, Ronald C., and Holmes. 3,204,451.
Holmes Electric Protective Co.: *See*—
Armstrong, David J. 3,174,003.
Holmes, Gene C. Means for controlling flight of a helicopter or autogiro. 3,171,614, 3–2–65, Cl. 244—17.19.
Holmes, George S., to Continental Can Co., Inc. Bottle carrier with double high center cell. 3,166,213, 1–19–65, Cl. 220—115.
Holmes, George S., to Continental Can Co., Inc. Full depth partition bottle carrier. 3,187,938, 6–8–65, Cl. 220—113.
Holmes, Horace D. Locknut and stud device. 3,208,493, 9–28–65, Cl. 151—8.
Holmes, Jack H., to The James C. Heintz Co. Collapsible tire retreading rim. 3,207,649, 9–21–65, Cl. 156—417.
Holmes, Lambert, to Standard Machine & Mfg. Co. Fluid mixing device. 3,166,086, 1–19–65, Cl. 137—217.
Holmes, Marion B., and A. G. Bossert, Jr., deceased (by M. A. Bossert, executrix). Crimping tool. 3,199,334, 8–10–65, Cl. 72—410.
Holmes, Marion B., and A. G. Bossert, Jr., deceased (by M. A. Bossert, administratrix). Crimping tool. 3,199,335, 8–10–65, Cl. 72—410.
Holmes, Marjorie V.: *See*—
Holmes, William V. 3,169,771.
Holmes, Peter D.: *See*—
Bourne, Kenneth H., and Holmes. 3,215,751.
Pitkethly, Robert C., and Holmes. 3,215,640.
Holmes, Phyllis A.: *See*—
Holmes, William V. 3,169,771.
Holmes, Raynor M., to Riegel Paper Corp. Egg carton or the like. 3,179,324, 4–20–65, Cl. 229—28.
Holmes, Raynor M., to Riegel Paper Corp. Top opening ice cream carton. 3,197,114, 7–27–65, Cl. 229—51.
Holmes, Raynor M., to Riegel Paper Corp. Cellular carton. 3,206,097, 9–14–65, Cl. 229—28.
Holmes, Raynor M., to Riegel Paper Corp. Sealed end ice cream carton. 3,206,101, 9–14–65, Cl. 229—51.
Holmes, Raynor M., to Riegel Paper Corp. Leakproof carton. 3,219,255, 11–23–65, Cl. 229—39.
Holmes, Robert R., to United Aircraft Corp. Liquid metal probe. 3,183,715, 5–18–65, Cl. 73—304.
Holmes, Ronald L. W.: *See*—
Keel, Leo F., Hoffman, McCullough, McCormack, and Holmes. 3,174,200.
Holmes, Stanley H. Method of manufacturing a reciprocal four-way spool valve. 3,206,837, 9–21–65, Cl. 29—157.1.
Holmes, Sterling W. Globe valve adapter. 3,176,705, 4–6–65, Cl. 137—269.
Holmes, Theodore R., and R. J. Musel, to Burroughs Wellcome & Co. (U.S.A.) Inc. Dispenser. 3,207,374, 9–21–65, Cl. 222—80.
Holmes, Thomas H., and O. A. Itria, to Texaco Inc. Acoustical well logging tool. 3,205,970, 9–14–65, Cl. 181—.5.
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Holmes, Trent H., and C. A. Glenn, to United Aircraft Corp. Thrust control. 3,168,809, 2–9–65, Cl. 60—35.6.
Holmes, William V., to M. V. and P. A. Holmes. Tethered ball and means to mark ball impact area on club head. 3,169,771, 2–16–65, Cl. 273—186.
Holmgren, Carl R., and W. G. Bearden, to Pan American Petroleum Corp. Low temperature cementing composition. 3,179,528, 4–20–65, Cl. 106—90.
Holmgren, Carl R., and W. G. Bearden, to Pan American Petroleum Corp. High-temperature well cement. 3,180,748, 4–27–65, Cl. 106—104.
Holmgren, Marvin E., to Imperial-Eastman Corp. Hose coupling. 3,177,016, 4–6–65, Cl. 285—247.
Holmgren, Marvin E., to Imperial-Eastman Corp. Hose structure. 3,186,438, 6–1–65, Cl. 138—121.
Holmgren, Marvin E., to Imperial-Eastman Corp. Brazed seal connector. 3,201,154, 8–17–65, Cl. 285—286.
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Holmstrom, Ernest R., D. K. Slosberg, and M. M. Smith, to American Biltrite Rubber Co. Inc. Vinyl sponge laminate. 3,220,901, 11–30–65, Cl. 156—79.
Holmstrom, Georg H. S., to Forsvarets Fabriksstyrelse (Directorate of Defence Factories). 3,190,222, 6–22–65, Cl. 102—73.
Holmstrom, John G., to Pacific Car and Foundry Co. Vehicle spring suspension employing torsion spring mechanism. 3,183,018, 5–11–65, Cl. 280—104.5.
Holmstrom, John G., to Pacific Car and Foundry Co. Automotive vehicle having means for making active or inactive at will both driving propeller shaft and planetary reduction final drive. 3,221,832, 12–7–65, Cl. 180—44.
Holmstrom, Kjell I. Container. 3,190,531, 6–22–65, Cl. 229—7.
Holmstrom, Le Roy E. Line supply device for fishing pole. 3,199,242, 8–10–65, Cl. 43—25.
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Holper, Frank, to Molon Motor & Coil Corp. Multiple rotor induction motor unit. 3,168,665, 2–2–65, Cl. 310—112.
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Holsman, Henry T. Tubular multiwire reinforcing member and method of making. 3,185,414, 5–25–65, Cl. 245—2.
Holstebroe, Kaye B., to Emhart Corp. Apparatus for stacking articles on pallets. 3,172,547, 3–9–65, Cl. 214—6.
Holstein, Alvin W., C. B. Adams, and C. D. Visos, to Universal Match Corp. Vending machine. 3,167,215, 1–26–65, Cl. 221—6.
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Holt, Arthur W., to Control Data Corp. Core correlation matrix reader. 3,184,712, 5–18–65, Cl. 340—146.3.
Holt, Arthur W., to Control Data Corp. Reading machine with time-spatial data extraction. 3,193,799, 7–6–65, Cl. 340—146.3.
Holt, Arthur W. J. D. Hill, and H. Hironaka, to Control Data Corp. Sequential scan system having parallel to serial conversion. 3,164,805, 1–5–65, Cl. 340—146.3.
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Holt, Drew S., and N. P. Worden, to C. M. Hall Lamp Co. Mirror retaining means and method of assembly. 3,171,886, 3–2–65, Cl. 88—96.
Holt, Eugene L., and B. L. Tarmy, to Esso Research and Engineering Co. Electrolytic redox process for chemical production. 3,214,357, 10–26–65, Cl. 204—80.
Holt, Francis R., and J. Avins, to Radio Corp. of America. Multiplicative stereophonic sound signalling system. 3,167,614, 1–26–65, Cl. 179—15.
Holt, Francis R., to Radio Corp. of America. Dynamic limiter for stereophonic broadcast receiver. 3,178,514, 4–13–65, Cl. 179—15.
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Holt, Herbert B. W., and P. D. Saw, to Tyer and Co. Ltd. Instrument for the measurement of temperature. 3,180,147, 4–27–65, Cl. 73—39.
Holt, John M., and E. S. Szekeres, to United States Steel Corp. Torsion testing device. 3,212,326, 10–19–65, Cl. 73—99.
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Holt, Pliny G., and L. S. Guarino, to United States of America, Navy. Loft-bombing system. 3,218,928, 11–23–65, Cl. 89—1.5.
Holt, Richard E.: *See*—
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Holton, Robert J., to Tinnerman Products, Inc. Method of making a fastener. 3,206,967, 9–21–65, Cl. 72—325.
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Holtschmidt, Hans, to Farbenfabriken Bayer Aktiengesellschaft. Nitroarylamido-phosphoric acid esters and a process for their production. 3,175,001, 3–23–65, Cl. 260—543.
Holtschmidt, Hans, to Farbenfabriken Bayer Aktiengesellschaft. Method of preparing polyethers. 3,188,353, 6–8–65, Cl. 260—615.
Holtschmidt, Hans, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of chloro-substituted methyl isocyanide dichlorides. 3,190,918, 6–22–65, Cl. 260—566.
Holtschmidt, Hans, and O. Bayer, to Farbenfabriken Bayer Aktiengesellschaft. Isocyanates and isothiocyanates and a process for producing the same. 3,178,391, 4–13–65, Cl. 260—46.5.
Holtschmidt, Hans, E. Degener, and G. Braun, to Farbenfabriken Bayer Aktiengesellschaft. Condensation products containing phosphonic acid diester groups. 3,187,034, 6–1–65, Cl. 260—453.
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Holtz, Jacob. Furniture leg attaching bracket. 3,179,365, 4–20–65, Cl. 248—188.
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Holtz, Maurice, to Acme Process Equipment Co. Continuous process of cooking meat. 3,224,881, 12–21–65, Cl. 99—107.
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Holz, Robert G., to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Apparatus for the measurement of the relative axial displacement of a rotor and a stator. 3,190,125, 6–22–65, Cl. 73—432.
Holzenthal, Leo L., E. A. Gastrock, and W. T. Gentry, Jr., to United States of America, Agriculture. Apparatus for individualizing cottonseed. 3,169,277, 2–16–65, Cl. 19—65.
Holzer, Gerold, N. Walker, and H. Wilcock, to Votronics, Inc. Vote tallying machine. 3,218,439, 11–16–65, Cl. 235—61.7.
Holzer, Johann, to United States of America, Army. Differential code modulator. 3,225,315, 12–21–65, Cl. 332—11.
Holzer, Johann, R. F. Grantges, and M. Weinstock, to United States of America, Army. Tune division multiplex digital communication system employing delta modulation. 3,165,588, 1–12–65, Cl. 179—15.
Holzer, Walter. Driving means of a program control apparatus for washing machines. 3,164,729, 1–5–65, Cl. 307—141.
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Holzer, Walter. Electrical contact device. 3,168,634, 2–2–65, Cl. 200—166.
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Holzer, Walter. Printed circuit timer with arc-preventing auxiliary contacts. 3,189,697, 6–15–65, Cl. 200—23.
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Holzer, Walter. Electrically driven time switch mechanism. 3,192,330, 6–29–65, Cl. 200—38.
Holzer, Walter K. J. Push-button or key actuated switch, particularly for controlling tool machines. 3,192,327, 6–29–65, Cl. 200—5.
Holzer, Walter. Pressure operated switch with bearing member plate. 3,210,486, 10–5–65, Cl. 200—18.
Holzer, Walter. Apparatus comprising a timing mechanism and an intermittent switching mechanism. 3,210,487, 10–5–65, Cl. 200—36.
Holzer, Walter. Device for a stepwise switching action of a program switching. 3,210,574, 10–5–65, Cl. 307—141.
Holzer, Walter. Drive motor for a program control apparatus. 3,210,633, 10–5–65, Cl. 318—466.
Holzer, Walter. Program delay control device. 3,213,217, 10–19–65, Cl. 200—38.
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Holzwarth, Herbert, to Siemens & Halske Aktiengesellschaft. Amplification of short and ultra short electromagnetic waves. 3,214,704, 10–26–65, Cl. 330—10.
Holzwarth, Henry A., P. Schladermundt, and J. D. Wark, to Philip Morris Inc. Flat article dispenser. 3,215,309, 11–2–65, Cl. 221—2.
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Honda, Soichiro. Motor vehicle with independently mounted drive wheels and load carrier therebetween. 3,175,637, 3–30–65, Cl. 180—72.
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Honey, Robert L. Cushioning carrier for pneumatic tube systems. 3,187,886, 6–8–65, Cl. 206—1.
Honeychurch, Robert W., to Dorr-Oliver Inc. Three-product nozzle-type centrifuge. 3,204,868, 9–7–65, Cl. 233—14.
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Hopkins, Robert A., to Bell Intercontinental Corp. (Balcrank Division). Web-to-tube fastening clip. 3,170,215, 2–23–65, Cl. 24—265.
Hopkins, Robert A., to Bell Intercontinental Corp. Chaise lounge. 3,186,757, 6–1–65, Cl. 297—28.
Hopkins, Robert K., to Firth Sterling, Inc. Procedure and apparatus for ingot forming. 3,220,067, 11–30–65, Cl. 22—57.
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Hopkins, Thomas R., and J. W. Pullen, to Gulf Oil Corp. 4-halo-2-butynyl carbamates. 3,203,949, 8–31–65, Cl. 260—207.1.
Hopkins, Thomas R., A. N. Arakelian, and A. Rhodes, to The Lubrizol Corp. Lubricants containing metal hydrocarbonoxy-alkyl and hydrocarbon oxy-aryl phosphorothioate-epoxide reaction products. 3,211,648, 10–12–65, Cl. 252—32.7.
Hopkins, Thomas R., A. N. Arakelian, and A. Rhodes, to The Lubrizol Corp. Lubricants containing metal phosphorothioate-thioepoxide reaction products. 3,211,649, 10–12–65, Cl. 252—32.7.
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Hopkins, Thomas R., A. N. Arakelian, and A. Rhodes, to The Lubrizol Corp. Lubricants containing metal phosphinothioate-epoxide reaction products. 3,213,020, 10–19–65, Cl. 252—32.7.
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Hopkins, Thomas R., A. N. Arakelian, and A. Rhodes, to The Lubrizol Corp. Lubricants containing metal phosphorodithioate-epoxide reaction products. 3,213,022, 10–19–65, Cl. 252—32.7.
Hopkins, Thomas R., A. N. Arakelian, and A. Rhodes, to The Lubrizol Corp. Lubricants containing metal phosphorodithioatehaloepoxide reaction products. 3,213,023, 10–19–65, Cl. 252—32.7.
Hopkins, Thomas R., and P. D. Strickler, to Gulf Oil Corp. 4-hydroxy-2-butynyl carbamates. 3,226,426, 12–28–65, Cl. 260—471.
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Hopkinson, Eric C., to Dresser Industries, Inc. Pulse transmission over a long cable in the presence of a low frequency power. 3,192,386, 6–29–65, Cl. 250—83.3.
Hopkinson, John C., to Hosiery and Allied Trades Research Assn. Knitting machines. 3,204,432, 9–7–65, Cl. 66—132.
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Hoppe, Walter, and E. Schlatter, to El-Re-Ma S.A. per lo sfruttamento di brevetti. Devices for testing the carrying out of switching operations in synchronised relay groups. 3,176,197, 3–30–65, Cl. 317—157.
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Hopper, Edward T. Shower stool. 3,217,668, 11–16–65, Cl. 108—25.
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Horan, John J., J. R. Brown, Jr., and M. F. Pressler, to United States of America, Navy. Process for reinforcing open hemispherical transducers. 3,202,736, 8–24–65, Cl. 264—61.
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Horberg, Charles, Jr., to Paramount Textile Machinery Co. Sealed electrical switching control unit using linear cam actuator. 3,192,350, 6–29–65, Cl. 200—153.
Horberg, Charles, Jr., to Paramount Textile Machinery Co. Methods and apparatus for handling, transporting and assembling multi-component articles. 3,201,860, 8–24–65, Cl. 29—431.
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Horn, Christian F., to Union Carbide Corp. Dyeable linear polyesters modified by a metallosulfo-phenoxy-substituted benzoic acid or ester. 3,164,567, 1–5–65, Cl. 260—49.
Horn, Christian F., to Union Carbide Corp. Dyeable linear polyesters modified by a metallosulfofluorenyl-substituted alkanoic acid or ester. 3,164,570, 1–5–65, Cl. 260—75.
Horn, Christian F., to Union Carbide Corp. Dyeable polyesters modified by a (metallosulfophenoxy) alkoxy-substituted aromatic monocarboxylic acid or ester. 3,166,531, 1–19–65, Cl. 260—49.
Horn, Christian F., to Union Carbide Corp. Fluorene sulfonic acid containing dyeable polyesters. 3,184,434, 5–18–65, Cl. 260—75.
Horn, Christian F., to Union Carbide Corp. Acyloxymetallosulfophthalate containing dyeable polyesters. 3,185,671, 5–25–65, Cl. 260—75.
Horn, Christian F., and H. Vineyard, to Union Carbide Corp. Polyamides stabilized with organo-tin compounds. 3,189,-575, 6–15–65, Cl. 260—45.75.
Horn, Edward P., to Combustion Engineering, Inc. Rotary regenerator seal positioning means. 3,189,084, 6–15–65, Cl. 165—9.
Horn, Erwin A. Apparatus for installing sheet insulation in industrial-type buildings. 3,218,771, 11–23–65, Cl. 52—479.
Horn, Harrison S., to General Precision, Inc. Digital to analog signal conversion. 3,182,302, 5–4–65, Cl. 340—347.
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Horn, Klaus, to Siemens & Halske Aktiengesellschaft. Arrangement for transforming the angular position of an adjustment member in contact combinations. 3,214,752, 10–26–65, Cl. 340—347.
Horn, Kurt, to VLM W. Murjahn K.G. Fixture for attachment with electric conduits, cables and the like. 3,171,676, 3–2–65, Cl. 285—222.
Horn, Leon, to United States of America, Army. Space sensing device. 3,201,998, 8–24–65, Cl. 73—505.

Horn, Lutz, and F. Philipp, to Varta Aktiengesellschaft. Sealed miniature storage battery. 3,170,818, 2–23–65, Cl. 136—6.
Horn, Lutz, and F. Philipp, to Varta Aktiengesellschaft. Method of making a sintered electrode. 3,174,219, 3–23–65, Cl. 29—420.5.
Horn, Lutz, and F. Philipp, to Varta Aktiengesellschaft. Compressed electrode assembly and process for making the same. 3,178,314, 4–13–65, Cl. 136—21.
Horn, Lutz, and F. Phillipp, to Varta Aktiengesellschaft. Electrochemical cell electrode containing an expanded metal grid. 3,180,761, 4–27–65, Cl. 136—51.
Horn, Lutz, F. Philipp, S. Dickfeldt, and R. Dieberg, to Accumulatoren-Fabrik Aktiengesellschaft. Method of making active mass for positive electrodes for alkaline accumulators. 3,214,297, 10–26–65, Cl. 136—29.
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Hornaday, James R., Jr., E. J. Miller, and C. W. Vigor, to General Motors Corp. Surface cooking unit. 3,167,638, 1–26–65, Cl. 219—368.
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Hornbarger, Earl H., and N. Onjanow, to Westinghouse Electric Corp. Plural cascade motor control with stall prevention. 3,210,629, 10–5–65, Cl. 318—46.
Hornberger, Clarence L., and E. W. Stanley, to Armstrong Cork Co. Rotary printing press with movable transfer cylinder. 3,196,786, 7–27–65, Cl. 101—154.
Hornberger, Harry M., Sr., to Wm. G. Leininger Knitting Co. Surplus thread removing apparatus. 3,182,620, 5–11–65, Cl. 112—252.
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Hornbostel, Lloyd, Jr., to Beloit Corp. Expanded pulp article and method of making same. 3,201,306, 8–17–65, Cl. 162—213.
Hornbostel, Lloyd, Jr., to Beloit Corp. Method and apparatus for applying a plastic sheet to a pulp molded article on the mold. 3,205,123, 9–7–65, Cl. 162—103.
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Horne, Einar D., and D. A. Morgan, to Minnesota Mining and Mfg. Co. Electrolytic recording sheets. 3,174,856, 3–23–65, Cl. 96—1.
Horne, George B., to Watts Regulator Co. Thermostat. 3,180,150, 4–27–65, Cl. 73—368.1.
Horne, George H., and M. Ludwig, to California Research Corp. Pipeline heating system. 3,191,671, 6–29–65, Cl. 165—84.
Horne, Ronald, to Monsanto Co. Device for measuring the temperature of a running threadline. 3,204,462, 9–7–65, Cl. 73—359.
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Horne, Shaffer E., to Monsanto Co. Stabilization of polyethylene with calcium silicate and an amine or phenol. 3,218,292, 11–16–65, Cl. 260—45.9.
Horne, Walter B., to United States of America, National Aeronautics and Space Administration. Aircraft wheel spray drag alleviator. 3,169,001, 2–9–65, Cl. 244—103.
Horner, Alan A., and F. R. Edwards, to Canada Packers Ltd. Purification of heparin. 3,179,566, 4–20–65, Cl. 167—74.
Horner, Charles R., and W. F. Gray, to United States of America, Navy. Case for phosphor glass dosimeter. 3,169,188, 2–9–65, Cl. 250—83.
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Horner, Frank W., Jr., to General American Transportation Corp. Dry-seal pressure-type gasholders. 3,167,412, 1–26–65, Cl. 48—174.
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Horner, Hugh, and T. C. Grenfell, to Chas. Pfizer & Co. Inc. Pill container. 3,204,758, 9–7–65, Cl. 206—42.
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Houk, Richard D., to Consolidated Electronics Industries Corp. Door and control system therefor. 3,224,493, 12–21–65, Cl. 160—189.
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Howard, Frank A. deceased; I. A. and F. A. Howard, Jr., and The Chase Manhattan Bank, executors. Tire pressure alarm. 3,185,960, 5–25–65, Cl. 340—58.
Howard, Frank A., deceased; I. A. Howard, F. A. Howard, Jr., and The Chase Manhattan Bank, executors. Elastomer plug dual valve. 3,217,733, 11–16–65, Cl. 137—226.
Howard, Frank A., deceased; I. A. Howard and F. A. Howard, Jr., and The Chase Manhattan Bank, executors. Safety tire. 3,219,092, 11–23–65, Cl. 152—340.

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Howard, George C., to Pan American Petroleum Corp. Marine well completion apparatus. 3,217,805, 11–16–65, Cl. 166—66.5.

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Howard, George H. Turntable for automobiles and the like. 3,170,411, 2–23–65, Cl. 104—40.

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Howard, Hartley W., W. B. Jacobsen, J. Hsueh, R. C. Selby, and T. W. Workman, to The Borden Co. Low calorie diet. 3,219,454, 11–23–65, Cl. 99—28.

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Howard, James E., and W. I. Gibbs. Trepanning drill machine for industrial use. 3,186,261, 6–1–65, Cl. 77—13.

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Howard, John W. Pressure gauge for a pressurized vessel. 3,222,933, 12–14–65, Cl. 73—418.

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Hribar, Leo A., Jr. Tilting dump truck and tilting dump trailer. 3,193,330, 7–6–65, Cl. 298—8.

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Hsieh, Henry L., and C. W. Strobel, to Phillips Petroleum Co. Shortstopping organometallic polymerized butadiene with an oxirene compound or anhydride. 3,218,306, 11–16–65, Cl. 260—94.3.

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Huffman, George W., to The Quaker Oats Co. Storage-stable ester-quality tetrahydrofurfuryl alcohol and process for producing the same. 3,221,031, 11–30–65, Cl. 260—347.8.

Huffman, George W., and E. K. Stigger, to The Quaker Oats Co. Preparation of levulinic acid esters from furfuryl alcohol. 3,203,964, 8–31–65, Cl. 260—347.4.
Huffman, Harold W., to The Hamilton Tool Co. Screw pile and batch delivery. 3,219,202, 11–23–65, Cl. 214—6.
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Hulbert, Reed O., to The Smash-Proof Co., Inc. Material handling apparatus. 3,208,768, 9–28–65, Cl. 280—408.
Hulbert, Warren D., to Spectrol Electronics Corp. Potentiometer. 3,197,726, 7–27–65, Cl. 338—164.
Hulbert, Warren D., to Spectrol Electronics Corp. Potentiometer. 3,197, 727, 7–27–65, Cl. 338—175.
Hulbert, Warren D., to Spectrol Electronics Corp. Variable resistor. 3,200,359, 8–10–65, Cl. 338—152.
Hulen, Claude K. Punching apparatus having means to center workpiece. 3,196,725, 7–27–65, Cl. 83—389.
Hulett, Henry R., to American Radiator & Standard Sanitary Corp. Photosensitive star tracking system. 3,194,966, 7–13–65, Cl. 250—203.
Hulett, Jack, to Kar-Trol Signal Co. Inc. Frost, snow and ice detector. 3,164,820, 1–5–65, Cl. 340—234.
Huling, James K., to The Clayton Corp. of Delaware. Tamper proof nozzle assembly for pressurized dispensers. 3,184,-116, 5–18–65, Cl. 222—182.
Hull, Charles H.: *See*—
Ashfield, Herbert E., Hull, and Horsfall. 3,172,479.
Hull, David C., H. J. Hagemeyer, Jr., and M. B. Edwards, to Eastman Kodak Co. Densificationof poly-α-olefins. 3,189,-588. 6–15–65, Cl. 260—93.7.
Hull, David C., and H. J. Hagemeyer, Jr., to Eastman Kodak Co. Removal of metal contaminants from polymeric materials. 3,220,996, 11–30–65, Cl. 260—93.7.
Hull, Edward M., and V. J. Lyons, to International Business Machines Corp. Vapor growth with smooth surfaces by introducing cadmium into the semiconductor material. 3,179,541, 4–20–65, Cl. 148—175.
Hull, Ezekiel H., J. M. Leach, and B. E. Tate, to Chas. Pfizer & Co., Inc. Water-insoluble itaconic acid interpolymers and process for separating cations in solution. 3,219,596, 11–23–65, Cl. 260—2.2.
Hull, Frederick C., to Westinghouse Electric Corp. Crack resistant stainless steel alloys. 3,201,233, 8–17–65, Cl. 75—128.
Hull, Fredric N.: *See*—
Harper, Ernest A., Karbosky, and Hull. 3,212,277.
Hull, Henry E.: *See*—
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Hull, Jerry R.: *See*—
Hull, R. Dell, R. L. and J. R. 3,217,349.
Hull, John W.: *See*—
Leonard, James D., and Hull. 3,205,500.
Hull, Joseph F., to Litton Precision Products, Inc. Backward wave oscillator having anode-sole spacing of 0.05 wavelength. 3,192,434, 6–29–65, Cl. 315—39.3.
Hull, Maurice E., to Armour and Co. Recovery of lactose and protein from whey. 3,166,486, 1–19–65, Cl. 204—180.
Hull, R. Dell. Spinning reel having a combined feathering and like pick-up means. 3,185,405, 5–25–65, Cl. 242—84.2.
Hull, R. Dell, R. L. and J. R. Brush cleaner. 3,217,349, 11–16–65, Cl. 15—311.
Hull, Raymond J., to Gas Processors, Inc. Oil absorption process. 3,188,287, 6–8–65, Cl. 208—346.
Hull, Robert L.: *See*—
Miller, Charles A., and Hull. 3,183,245.
Hull, Roy L.: *See*—
Hull, R. Dell, R. L. and J. R. 3,217,349.
Hull, Walter C. Tester for electrical power tools and the like having a three contact plug and three contact socket. 3,181,060, 4–27–65, Cl. 324—51.
Hull, William T., Jr., and E. H. Parets, to Monsanto Co. Yarn winding apparatus. 3,198,445, 8–3–65, Cl. 242—18.
Hüller, Adolf, to Karl Hüller, G.m.b.H. Arrangement for moving components of machine tools and the like. 3,183,-783, 5–18–65, Cl. 90—58.
Hüller, Karl, G.m.b.H.: *See*—
Holzl, Horst. 3,203,017.
Hüller, Adolf. 3,183,783.
Huller, Karl. 3,215,012.
Huller, Karl, to Karl Huller G.m.b.H. Machine for machining form rings on all sides thereof. 3,215,012, 11–2–65, Cl. 82—14.
Hullmann, Heinrich, and K. Baumann, to Wyss, Escher, Aktiengesellschaft. Limiting the speed of the starting turbine of a pump-turbine or accumulator pump. 3,185,440, 5–25–65, Cl. 253—59.
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Canfor, Kenneth, and Hulls. 3,194,036.
Hulls, Leonard R., D. H. Lennox, and G. H. Samuel, to Canadian Westinghouse Co., Ltd. Rolling mill control system. 3,208,251, 9–28–65, Cl. 72—11.
Hulman, Julius, B. Beaman, and M. Isaacson, to United Systems Corp. Hydraulic pump or motor. 3,173,376, 3–16–65, Cl. 103—162.
Hulme, John H., J. F. W. Hemmings, and A. Turley, to Vono Ltd. Spring unit lacing machines. 3,182,689, 5–11–65, Cl. 140—93.
Hulse, Bruce T., and M. W. Jeter, to The Boeing Co. Damped-resonator acoustical panels. 3,166,149, 1–19–65, Cl. 181—33.
Hulse, Clinton V.: *See*—
Johanson, Donald L., and Hulse. 3,201,528.
Hulse, Thomas H. J., to The Quaker Oats Co. Automatic depositing machine for ice cream or the like. 3,166,025, 1–19–65, Cl. 107—8.
Hulsey, Eldon E., 5% to Drilling Tools, Inc., and 10% to R. L. Erwin. Rotary sleeve valves. 3,208,719, 9–28–65, Cl. 251—207.
Hulsing, Kenneth L.: *See*—
Conover, George W., Hulsing, and Koehler. 3,223,197.
Hulsmann, Hans-Leo: *See*—
Renckhoff, Gustav, and Hulsmann. 3,211,722.
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Hult, Cheever A., and J. Bebel., to Weston Instruments, Inc. Adjustable resistor. 3,188,595, 6–8–65, Cl. 338—148.
Hult, Gunnar L., to Svenska Aeroplan Aktiebolaget. Female fastener component for bolt. 3,174,523, 3–23–65, Cl. 151—41.7.
Hultgreen, Odd. Apparatus for drying moving webs. 3,199,-222, 8–10–65, Cl. 34—155.
Hultgren, Arnold P., and C. J. Tellen, to Amerline Corp. Locking means for reel case. 3,208,585, 9–28–65, Cl. 206—52.
Hultgren, Nils L.: *See*—
Hocking, Colin S., and Hultgren. 3,220,463.
Hultgren, Nils L., and A. J. Eriksson, to Electrolux, Aktiebolaget. Means for igniting a gaseous fuel burner. 3,220,-462, 11–30–65, Cl. 158—130.
Hultgren, Ralph J., and J. Gutierrez; said Gutierrey assor., to Ralph J. Hultgren. Sprayer construction. 3,198,438, 8–3–65, Cl. 239—318.
Hultgren, Simon: *See*—
Bergfelt, Allan, and Hultgren. 3,216,243.
Hulthen, Sven I., and Y. Wahlberg, to Hoganasmetoder, Akbolaget. Method for the production of iron powder from sponge iron. 3,212,876, 10–19–65, Cl. 75—.5.
Hulton, Charles S., W. T. Fleming, J. D. Bruning, and W. G. Stalker, to The Kirk and Blum Mfg. Co. Metal scarfing apparatus. 3,176,971, 4–6–65, Cl. 266—23.
Hultquist, John F.: *See*—
Martin, John W., Hultquist, and MacGlashan. 3,181,157.
Hultsman, Waldo E.: *See*—
Smith, Donald P., Zuercher, Luck, Hultsman, and Cook. 3,222,844.
Hulverson, Adrian F.: *See*—
Bernstein, Robert, and Hulverson. 3,201,141.

Hum, Jack K. Y., and A. L. Donlevy, to Stauffer Chemical Co. Grain refined beryllium alloy. 3,174,850, 3–23–65, Cl. 75—150.

Human, Arthur. Tool for removing and replacing threaded fasteners. 3,209,802, 10–5–65, Cl. 145—54.

Humane Restraint Co.: *See*—
Sommer David R. 3,187,398.

Humber, Leslie G., to American Home Products Corp. 1,4-bis (benzylaminomethyl) cyclohexanes. 3,168,563, 2–2–65, Cl. 260—570.5.

Humber, Leslie G., to American Home Products Corp. Amino spiro[3,3]heptane derivatives. 3,168,564, 2–2–65, Cl. 260—570.5.

Humber, Leslie G., to American Home Products Corp. 1,4-bis(O-chlorobenzylamino)-cyclohexane and salt thereof. 3,202,703, 8–24–65, Cl. 260—501.

Humber, Leslie G., to American Home Products Corp. 1-cyclohexene-4-bis(O-chlorobenzylaminomethyl) and derivatives. 3,202,712, 8–24–65, Cl. 260—570.5.

Humber, Leslie G., to American Home Products Corp. Cyclohexane derivatives and their preparation. 3,210,361, 10–5–65, Cl. 260—296.

Humber, Leslie G., to American Home Products Corp. 1,4-bis(substituted-benzylaminomethyl) cyclohexanes. 3,217,039, 11–9–65, Cl. 260—570.5.

Humber, Leslie G., G. S. Myers, and T. Massiah, to American Home Products Corp. 1,4-(unsymmetrically-benzylamino- and cyclohexylaminomethyl)-cyclohexanes. 3,202,709, 8–24–65, Cl. 260—563.

Humber Ltd.: *See*—
Batten, James D. 3,188,964.
Caine, Frank A. 3,188,880.

Humbert, Kingsley E., Jr., to Wix Corp. Filter unit. 3,184,062, 5–18–65, Cl. 210—130.

Humbert, Kingsley E., Jr., to Wix Corp. Fluid by-pass filter with anti-drainback valve. 3,193,101, 7–6–65, Cl. 210—130.

Humbert, Kingsley E., Jr., and T. Kafitz, to Wix Corp. Disposable filter breather cap. 3,167,416, 1–26–65, Cl. 55—498.

Humbert, Kingsley E., Jr., and P. L. Francois, to Wix Corp. Filter unit. 3,217,942, 11–16–65, Cl. 222—189.

Humble, David R. Decoration structure. 3,185,207, 5–25–65, Cl. 160—382.

Humboldt Co., The: *See*—
McIntyre, Maurice J. 3,195,695.

Humby, Edward T., to The Magnavox Electronics Co. Ltd. Phonographs. 3,167,316, 1–26–65, Cl. 274—10.

Hume, Roger E., to General Electric Co. Ballast apparatus. 3,225,255, 12–21–65, Cl. 315—232.

Humenick, William: *See*—
Belk, Samuel A., and Humenick. 3,181,297.

Humenik, Michael, Jr., and D. Moskowitz, to Ford Motor Co. Metallic compositions. Re. 25,815, 7–6–65, Cl. 29—182.7.

Humes, Carl E. Truck assembly. 3,181,914, 5–4–65, Cl. 298—17.

Humes, Carl E. Steering assembly for trailers. 3,195,922, 7–20–65, Cl. 280—426.

Humes, Harold L., Jr., to Parametrics Research & Development Co., Inc. Honeycomb hat. 3,169,251, 2–16–65, Cl. 2—177.

Humes, William H., and M. M. Stewart, to Gulf Research & Development Co. Reactivation of catalysts by impregnation of silica. 3,226,335, 12–28–65, Cl. 252—412.

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Johnson, Warren C. 3,178,159.

Humiston, John H., to Scovill Mfg. Co. One-way snap fastener combination. 3,210,820, 10–12–65, Cl. 24—208.

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Layne, Gilbert S., and Huml. 3,198,627.
Layne, Gilbert S., and Huml. 3,198,628.
Layne, Gilbert S., and Huml. 3,198,629.
Layne, Gilbert S., Huml, and Smith. 3,183,079.

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Pilz, Werner, Hummel, and Steidle. 3,197,065.

Hummel, Floyd A., to Corning Glass Works. Ceramic bodies and their production. 3,169,072, 2–9–65, Cl. 106—39.

Hummel, Frederick S., to Atomic Energy of Canada Ltd. Nuclear reactor fuelling machine. 3,169,647, 2–16–65, Cl. 214—23.

Hummel, Frederick S., to Atomic Energy of Canada Ltd. Nuclear reactor fuelling machine. 3,169,909, 2–16–65, Cl. 176—30.

Hummel, Frederick S., to Atomic Energy of Canada Ltd. Nuclear reactor fuelling machine. 3,169,910, 2–16–65, Cl. 176—31.

Hummel, Harry J.: *See*—
Eness, Orville M., and Hummel. 3,191,123.

Hummel, John M.: *See*—
Kleist, Dale, and Hummel. 3,218,844.

Hummel, John P.: *See*—
Harris, Stanton A., and Hummel. 3,211,697.

Hummel, Max. Apparatus for mounting of antennas on boats. 3,224,003, 12–14–65, Cl. 343—709.

Hummel, Raymond J., to H & H Plastics Mfg. Co. Plastic bib construction. 3,221,341, 12–7–65, Cl. 2—49.

Hummel, Richard L. Means for increasing the heat transfer coefficient between a wall and boiling liquid. 3,207,209, 9–21–65, Cl. 165—1.

Hummel, Robert J., T. D. Rembert, and H. L. Dennis, to Houdaille Industries, Inc. Apparatus for manufacturing pre-tensioned reinforced concrete slabs. 3,224,064, 12–21–65, Cl. 25—41.

Hummel, Wiley M., to General Electric Co. Adjustable contact spacing for differential switch. 3,210,503, 10–5–65, Cl. 200—139.

Hummel, Wiley M., to General Electric Co. Electrical device. 3,210,714, 10–5–65, Cl. 338—301.

Hummell, John D.: *See*—
Hazard, Herbert R., Hummell, and Schulz. 3,180,417.

Hummer, Ralph G., to Folding Carrier Corp., Division of Union Asbestos & Rubber Co. Baby seats for telescoping grocery carts. 3,184,248, 5–18–65, Cl. 280—33.99.

Humpherys, Allan S., to United States of America, Agriculture. Sinking float-operated irrigation gate. 3,208,225, 9–28–65, Cl. 61—25.

Humpherys, Allan S., and J. A. Bondurant, to United States of America, Agriculture. Automatic irrigation gate. 3,217,497, 11–16–65, Cl. 61—25.

Humpherys, Bernarr H., to United States of America, Navy. IFF system defruiter modification. 3,171,122, 2–23–65, Cl. 343—6.5.

Humpherys, Bernarr H. IFF system defruiter. 3,182,310, 5–4–65, Cl. 343—6.5.

Humpherys, Bernarr H., to United States of America, Navy. Decoder-readout and degarbler. 3,188,629, 6–8–65, Cl. 343—6.5.

Humpherys, Bernarr H., to United States of America, Navy. Delay line synchronizer. 3,226,716, 12–28–65, Cl. 343—6.5.

Humphlett, Wilbert J., G. M. Haist, and J. R. King, to Eastman Kodak Co. Thiosugar silver halide solubilizing agents. 3,220,838, 11–30–65, Cl. 96—29.

Humphrey, Delby C. Basketball goal. 3,194,555, 7–13–65, Cl. 273—1.5.

Humphrey, Howard C., to Texaco Inc. Weighted drill collar. 3,167,137, 1–26–65, Cl. 175—320.

Humphrey, John F.: *See*—
Kopf, Rowland J., Humphrey, and Shoup. 3,221,966.

Humphrey, John G., to General Electric Co. Automatic gain control circuit with optimum delayed and amplified A.G.C. for R.F. stage. 3,192,316, 6–29–65, Cl. 178—7.3.

Humphrey, John H., to Dashew Business Machines, Inc. Data transmitting and recording device and system. 3,187,334, 6–1–65, Cl. 346—34.

Humphrey, Leslie F., M. C. Chapman, and W. D. Weatherup, to Reed Paper Group Ltd. Lined container. 3,206,094, 9–14–65, Cl. 229—14.

Humphrey, Paul E. Gimbal-less rate gyro. 3,194,079, 7–13–65, Cl. 74—5.6.

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Humphrey, Robert P. 3,165,030.

Humphrey, Robert P., to Humphrey Products Division General Gas Light Co. Rotary fluid pressure pump and motor. 3,165,030, 1–12–65, Cl. 91—202.

Humphrey, Robert P., to General Gas Light Co. Mechanical energy transducing device. 3,173,378, 3–16–65, Cl. 103—174.

Humphrey, Troy G.: *See*—
Engel, William N., Cockran, and Humphrey. 3,192,715.

Humphrey, Warren A.: *See*—
Helm, Mark W., Humphrey, and Ripple. 3,212,795.

Humphrey, Warren A., to The Hoover Co. Suction cleaners. 3,212,119, 10–19–65, Cl. 15—391.

Humphrey, Watts S., Jr.: *See*—
Terzian, John, Humphrey, and Bosch. 3,210,733.

Humphrey, Watts S., Jr., to Sylvania Electric Products, Inc. Method and apparatus for testing marginal failure of electronic systems. 3,168,697, 2–2–65, Cl. 324—73.

Humphreys, Donald M., to Ex-Cell-O Corp. Magnetic recording. 3,171,130, 2–23–65, Cl. 346—74.

Humphreys, John W., to Johnson Products, Inc. Crankcase ventilation system. 3,189,012, 6–15–65, Cl. 123—119.

Humphreys, Kenneth K., to United States Steel Corp. Method and apparatus for determining coke strength. 3,184,952, 5–25–65, Cl. 73—12.

Humphreys, Thomas W., J. R. Wagner, and D. F. Hinkley, to Merck & Co., Inc. Meat curing process and composition therefor. 3,201,262, 8–17–65, Cl. 99—222.

Humphreys, Thomas W., and D. F. Hinkley, to Merck & Co., Inc. Meat curing process and composition therefor. 3,201,263, 8–17–65, Cl. 99—222.

Humphries, John B., to The Excelsior Hardware Co. Latch for luggage and like cases. 3,188,839, 6–15–65, Cl. 70—70.

Humphries, L. Lee: *See*—
Branning, George G. 3,207,253.

Humphries, Richard L.: *See*—
Stenger, Richard C., and Humphries. 3,206,098.

Hunckler, Paul J. Parts storage and merchandising device. 3,220,788, 11–30–65, Cl. 312—234.1.

Hundley, Delmar D. Tractor tester. 3,180,138, 4–27–65, Cl. 73—117.

Hundley, John G.: *See*—
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Hundley, John G., to Standard Oil Co. Continuous oxidation process for production of benzoic acid. 3,187,038, 6–1–65, Cl. 260—524.

Hundstad, Richard L.: *See*—
Way, Stewart, and Hundstad. 3,214,616.

Hundstad, Richard L., to Westinghouse Electric Corp. Magnetohydrodynamic generator. 3,211,932, 10–12–65, Cl. 310—11.

Hundt, Donald D., and E. W. Merrill, to W. R. Grace & Co. Method of making a bottle closure. 3,220,907, 11–30–65, Cl. 156—245.

Hunegs, James, to The Gillette Co. Dispensing container with contents indicator. 3,185,345, 5–25–65, Cl. 222—45.
Hunerwadel, Jean L.: *See*—
Vess, Albert, Phipps, and Hunerwadel. 3,183,814.
Hunger, Alfred: *See*—
Hoffmann, Karl, and Hunger. 3,178,425.
Hunger, Alfred, J. Kebrle, A. Rossi, and K. Hoffmann, to Ciba Corp. 1-(β-dimethylamino-ethyl) - 2 - (p-ethoxy-benzyl)-5,6-dichloro-benzimidazoles. 3,221,022, 11–30–65, Cl. 260 309.2.
Hunger, Helen R.: *See*—
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Hunger, Helen R., and D. Kolts. Reminder device. 3,207,-421, 9–21–65, Cl. 229—72.
Hunger, Helmut. Adapter lamp for use with underwater television cameras. 3,220,327, 11–30–65, Cl. 95—11.5.
Hunger, Richard H., P. H. Spennetta, T. G. Campbell, and M. M. Coker, to Caterpillar Tractor Co. Hydraulic system for a universal bucket of a tractor mounted loader. 3,211,-065, 10–12–65, Cl. 91—412.
Hungerford, Ernest T., to Shell Oil Co. Electromagnetic well surveying method and apparatus for obtaining both a dip and conductivity anisotropy of a formation. 3,187,252, 6–1–65, Cl. 324—6.
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Fackler, Richard B., and Davis. 3,167,506.
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Scott, Loyce B. 3,165,373.
Scott, Loyce B. 3,222,682.
Hunke & Jochheim: *See*—
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Hunkeler, Ernst J., to The Gleason Works. Gear generator. 3,192,831, 7–6–65, Cl. 90—5.
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Hunnebeck, Emil M. Device for installing and removing truss frames, girders, and the like. 3,209,508, 10–5–65, Cl. 52—632.
Hunsaker, Rollo N., and S. E. Johansson, to Kennecott Copper Corp. Apparatus for preventing premature shifting of gears. 3,169,616, 2–16–65, Cl. 192—4.
Hunstiger, Francis, to Harris-Intertype Corp. Electrophotographic apparatus. 3,223,008, 12–14–65, Cl. 95—1.7.
Hunt, A. H., (Capacitors) Ltd.: *See*—
Robinson, Frederick C. 3,212,163.
Hunt, Charles A., and L. E. Schoonmaker, to The Sessions Clock Co. Adjustable cycle percentage timer. 3,185,874, 5–25–65, Cl. 310—69.
Hunt, Charles d'A., to Temescal Metallurgical Corp. High vacuum observation apparatus. 3,170,383, 2–23–65, Cl. 98—1.
Hunt, Charles d'A., and H. R. Smith, Jr., to Temescal Metallurgical Corp. Method of purifying refractory sulfides. 3,199,947, 8–10–65, Cl. 23—14.5.
Hunt, Charles F.: *See*—
Lavin, Edward, Markhart, and Hunt. 3,190,770.
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Hunt, Charles J.: *See*—
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Heggs, Kenneth, and Hunt. 3,196,471.
Hunt, Charles J., to Vulcan Corp. Shoe last construction. 3,181,186. 5–4–65, Cl. 12—136.
Hunt, Charles J., and E. R. Swanson, to Beattie-Coleman, Inc. Roll film magazine. 3,223,011, 12–14–65, Cl. 95—34.
Hunt, Charles R., and H. Stewart. Process for making cores and molds, articles made thereby and binder compositions therefor. 3,203,057, 8–31–65, Cl. 22—193.
Hunt, Charles W., to Industrial Coal and Minerals Ltd. Impact mill. 3,173,620, 3–16–65, Cl. 241—284.
Hunt, David A., to United States of America, Atomic Energy Commission. Membrane double wall interconnected pressure vessel. 3,191,792, 6–29–65, Cl. 220—3.
Hunt, Earl R.: *See*—
Weiss, Robert L., and Hunt. 3,192,549.
Hunt, Edgar G.: *See*—
Tyler, Stanley R., Hunt, and Bootle. 3,168,102.
Hunt Electronics Co.: *See*—
Hoff, Frederick B. Jr. 3,189,747.
Hoff, Frederick B., Jr., and Hutson. 3,188,490.
Hutson, Jearld L. 3,188,487.
Hutson, Jearld L. 3,210,571.
Hutson, Jearld L. 3,210,641.
Hunt, Elton B., to Pan American Petroleum Corp. Bottomhole catalytic heater using heat transfer liquid. 3,223,081, 12–14–65, Cl. 126—360.
Hunt, Elton B., and H. Grekel, to Pan American Petroleum Corp. Method of controlled catalytic heating of a subsurface formation. 3,223,166, 12–14–65, Cl. 166—38.
Hunt Foods and Industries, Inc.: *See*—
Brown, Arthur J. 3,179,230
Haller, Belmont L. 3,177,912
Haller, Belmont L., and Waterrs. 3,167,169.
Hunt, Frederick V. Flint. 3,164,447, 1–5–65, Cl. 29—193.
Hunt, Geoffrey H., to Minister of Aviation, in her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Oscillating gyroscopic device. 3,191,-443, 6–29–65, Cl. 73—505.
Hunt, George D., to The Ohio Thermometer Co. Direct reading psychrometer. 3,174,339, 3–23–65, Cl. 73—338.
Hunt, Guilbert M., to Bonnar-Vawter Inc. Machine for making a coded record from a composite business form. 3,196,-448, 7–20–65, Cl. 346—24.
Hunt, Harold R. Frame and wheel suspension arrangement for self-propelled plant sprayer. 3,179,194, 4–20–65, Cl. 180—1.
Hunt, Heman D., to E. I. du Pont de Nemours and Co. Process of forming images. 3,183,088, 5–11–65, Cl. 96—27.
Hunt, Heman D., to E. I. du Pont de Nemours and Co. Radiation-sensitive emulsions and elements and their preparation. 3,189,456, 6–15–65, Cl. 96—102.
Hunt, Howard S.: *See*—
Miller, Austin V., Hunt, and Thompson. 3,199,826.
Hunt, Jack W.: *See*—
Glover, Harold G., Hunt, and Kenyon. 3,218,252.
Hunt, James R. Apparatus for extruding plastic material. 3,164,863, 1–12–65, Cl. 18—12.
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Paufve, Eldred H., and Hunt. 3,172,046.
Hunt, John M., to General Precision, Inc. Magneto-resistive device. 3,172,032, 3–2–65, Cl. 323—66.
Hunt, Mack W., to Continental Oil Co. Preparation of diborane. 3,185,547, 5–25–65, Cl. 23—204.
Hunt, Mack W., to Continental Oil Co. Preparation of alpha-olefins from aluminum alkoxides. 3,217,058, 11–9–65, Cl. 260—682.
Hunt, Mack W., L. M. Carter, and R. M. Tillman, to Continental Oil Co. Manufacture of diborane. 3,219,412, 11–23–65, Cl. 23—204.
Hunt, Paul R., and C. DuBois, to Outboard Marine Corp. Thermostatic choke valve. 3,210,004, 10–5–65, Cl. 236—101.
Hunt, Paulmer D., and J. R. Goerke, to The Bendix Corp. Compensated flyweight. 3,181,372, 5–4–65, Cl. 73—497.
Hunt, Philip M., to Orbit Industries, Inc. Telephone isolation device. 3,183,309, 5–11–65, Cl. 179—35.
Hunt, Richard H., and D. E. Nagy, to American Cyanamid Co. Poly((methylolacrylamides). 3,214,420, 10–26–65, Cl. 260—89.7.
Hunt, Robert A., to Xerox Corp. Record card feeding apparatus. 3,180,637, 4–27–65, Cl. 271—54.
Hunt, Robert A., to Xerox Corp. Xerographic developing apparatus. 3,190,264, 6–22–65, Cl. 118—637.
Hunt, Robert A., to Xerox Corp. Xerographic fusing apparatus. 3,219,326, 11–23–65, Cl. 263—6.
Hunt, Robert E., to Sylvania Electric Products Inc. Semiconductor device and method of manufacture. 3,186,065, 6–1–65, Cl. 29—155.5.
Hunt, Robert E., to Sylvania Electric Products Inc. Apparatus for attaching filamentary material. 3,186,446, 6–1–65, Cl. 140—93.
Hunt, Robert G., to Marco Products Co. Feed means for plumbers' tool. 3,224,024, 12–21–65, Cl. 15—104.3.
Hunt, Robert W.: *See*—
Scarr, Robert W. A., Aleksander, and Hunt. 3,181,005.
Hunt, Robert W. G., and P. B. Watt, to Eastman Kodak Co. Printing apparatus for color photography. 3,199,402, 8–10–65, Cl. 88—24.
Hunt, Rodney, Machine Co.: *See*—
Belcher, Harold H., and Rogers. 3,180,398.
Belcher, Harold H., and Rogers. 3,180,399.
Hunt, Russell G., and M. Fabre. Dispensing arrangement. 3,198,402, 8–3–65, Cl. 222—251.
Hunt, Stanley: *See*—
Allenden, Dennis, Boddy, Freck, and Hunt. 3,209,151.
Hunt, William A., to Joseph Cook Sons & Co. (1930) Ltd. Transporter means. 3,164,104, 1–5–65, Cl. 104—166.
Hunt, William G. Timed fluid dispensing device. 3,187,948, 6–8–65, Cl. 222—70.
Hunt, William R., to General Electric Co. Bearing support and lubrication arrangement for use in a dynamoelectric machine. 3,224,819, 12–21–65, Cl. 308—132.
Hunter, Ben E.: *See*—
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Hunter, Bernard A. Closure for top perforated cans. 3,169,-679, 2–16–65, Cl. 222—484.
Hunter, Charley W.: *See*—
Shontz, Loran A., Offutt, and Hunter. 3,200,923.
Hunter, Daniel M.: *See*—
Zenz, Frederick A., and Hunter. 3,179,378.
Hunter, Don L., to United States Borax & Chemical Corp. Quaternary ammonium glycol monoborate salts. 3,169,983, 2–16–65, Cl. 260—462.
Hunter, Donald N., to Artrite Resins Ltd. Inorganic co-polymeric materials and process. 3,179,524, 4–20–65, Cl. 106—39.
Hunter Douglas Holland: *See*—
Vermeulen, Gerardus C., and Lips. 3,209,505.
Hunter Douglas International (Quebec) Ltd.: *See*—
Blok, Dirk E. 3,199,260.
Hennequin, Petrus J. 3,189,082.
Hensel, Erich E. 3,194,366.
Hurkmans, Jozefus C. 3,191,664.
Hurkmans, Jozefus C. 3,221,417.
Hurkmans, Jozefus C. 3,221,802.
Pender, John G. 3,181,595.
Rau, Dieter. 3,180,400.
Spangenberg, Robbert E. 3,188,695.
Spangenberg, Robbert E. 3,212,224.
Taylor, Alfred C. 3,212,164.
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Jagger, Ernest T., and Hunter. 3,195,180.
Hunter, Edwin J., to Moist O'Matic, Inc. Selector valve for automatic sprinklers. 3,219,061, 11–23–65, Cl. 137—625.11.
Hunter, Everest C.: *See*—
Cappotto, Samuel D., and Hunter. 3,223,219.

Hunter, Frank H., and G. W. Widner, to Esso Production Research Co. Well completion and logging method. 3,193,005, 7–6–65, Cl. 166—4.
Hunter, Henry M., to Hunter Products Corp. Automatic spray mist dispenser. 3,216,618, 11–9–65, Cl. 222—70.
Hunter, Howard B. Game baton. 3,216,727, 11–9–65, Cl. 273—102.
Hunter, Howard B. Puzzle coin bank. 3,218,754, 11–23–65, Cl. 46—2.
Hunter, Ian G.: *See*—
Woodcock, Edward C., and Hunter. 3,203,311.
Hunter, Jack A.: *See*—
Mangieri, John B., and Hunter. 3,190,806.
Hunter, Jack A., to Martin-Marietta Corp. Zero drift inertial reference. 3,200,510, 8–17–65, Cl. 33—204.
Hunter, James H., to The Upjohn Co. Process for transforming 1-β-D-xylofuranosyl-uracil nucleosides into 1-β-D-arabinofuranosyluracil nucleosides. 3,183,226, 5–11–65, Cl. 260—211.5.
Hunter, Jonathan, to Litton Systems, Inc. Tape guide for magnetic recorders. 3,223,303, 12–14–65, Cl. 226—197.
Hunter, Joseph L., and A. E. Jensen, to American Metal Climax, Inc. Billet log. 3,177,052, 4–6–65, Cl. 29—187.
Hunter, Larry C., and J. A. Stewart, to General Telephone and Electronics Laboratories, Inc. Echo suppressor. 3,215,789, 11–2–65, Cl. 179—170.6.
Hunter, Lee. Vehicle wheel alignment apparatus. 3,199,208, 8–10–65, Cl. 33—203.18.
Hunter, Lee. Vehicle wheel alignment apparatus. 3,206,862, 9–21–65, Cl. 33—203.18.
Hunter, Lee. Means for centering tire tread to vehicle wheel aixs of rotation. 3,207,557, 9–21–65, Cl. 301—5.
Hunter, Lee. Vehicle service rack. 3,216,530, 11–9–65, Cl. 187—8.71.
Hunter, Lloyd P., to International Business Machines Corp. Logical signal processing apparatus. 3,196,284, 7–20–65, Cl. 307—88.5.
Hunter, Milford J. Amphibious vehicle. 3,199,127, 8–10–65, Cl. 9—1.
Hunter, Paul H., to Union Carbide Corp. Blow molded container. 3,198,375, 8–3–65, Cl. 220—60.
Hunter, Paul H., to Union Carbide Corp. Aluminum-titanium dioxide filled thermoplastic resin compositions. 3,224,997, 12–21–65, Cl. 260—41.
Hunter, Paul H., and R. L. Boysen, to Union Carbide Corp. Container and closure therefor. 3,204,799, 9–7–65, Cl. 215—31.
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Hunter, Robert H., to Atlas Chemical Industries, Inc. Purification of hydroxymethyl furfural. 3,201,331, 8–17–65, Cl. 202—39.5.
Hunter, Robert H., and R. S. Damon; said Damon assor. to said Hunter. Thermostatically controlled multiple fuel burner. 3,173,467, 3–16–65, Cl. 158—28.
Hunter, Robert S.: *See*—
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Hunting Engineering Ltd.: *See*—
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Hunting, Harold B., Jr., to Lockheed Aircraft Corp. Induction heating detachable work coil. 3,204,074, 8–31–65, Cl. 219—10.79.
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Huntington, Morgan G., to Huntington Chemical Corp. Apparatus for the heating of carbonaceous materials by their partial combustion to carbon dioxide. 3,190,245, 6–22–65, Cl. 110—28.
Huntington, Morgan G., to RNB Corp. Self-limiting radiant nuclear boiler and superheater. 3,210,253, 10–5–65, Cl. 176—18.
Huntington, Morgan G., to Huntington Oil Refining Co. Multivapor petroleum refining and apparatus thereof. 3,223,616, 12–14–65, Cl. 208—89.
Huntington Oil Refining Co.: *See*—
Huntington, Morgan G. 3,223,616.
Huntington, Richard B. Extension telephone system and actuator. 3,217,110, 11–9–65, Cl. 179—81.
Huntington, Robert G., to Carrier Corp. Thermoelectric temperature and humidity control. 3,165,900, 1–19–65, Cl. 62—3.
Huntley, Allan R., and S. T. Synodis, to Esso Research and Engineering Co. Fluidized solids technique. 3,169,835, 2–16–65, Cl. 23—288.
Huntley, Earl B., J. M. Kruse, and J. W. Way, to E. I. du Pont de Nemours and Co. Catalyst compositions consisting of group IV metal salts and/or oxides. 3,184,415, 5–18–65, Cl. 252—461.
Huntley, Ernest M.: *See*—
Makowski, Thomas G., Verdoodt, and Huntley. 3,223,031.
Huntley, Keith G., A. T. Starr, and V. A. Gault, to The Rank Organisation Ltd. Measuring and recording arrangements. 3,222,791, 12–14–65, Cl. 33—174.
Huntley, Roy A. Composite bow and hand grip for the same. 3,182,651, 5–11–65, Cl. 124—24.
Hunton, James K., and R. B. Riley, to Hewlett-Packard Co. Transmission line apparatus having a non-linear detector element and a direct-coupled line-terminating resistor in close electrical proximity. 3,191,125, 6–22–65, Cl. 329—162.
Huntress, Charles B., and H. Gabrielian, to Electronic Engineering Co. of California. Subminiature sealed thumbwheel switch with indicator and stop means. 3,222,465, 12–7–65, Cl. 200—11.
Huntress, Charles B., and H. Gabrielian, to Electronic Engineering Co. of California. Sealed thumbwheel switch with indicator and removable illuminating means. 3,222,490, 12–7–65, Cl. 200—167.
Huntting, William D.: *See*—
Smith, Wallace L., Huntting, and Frey. 3,220,352.
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Hunziker, Werner. Fold or seam closing machine. 3,213,817, 10–26–65, Cl. 113—54.
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Kirk, Thomas E., and Huntzinger. 3,173,077.
Hupfer, Heinz, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. Process for the production of phenylhydrazine hydrochloride. 3,203,989, 8–31–65, Cl. 260—569.
Hupin, Christian A., to Manufacture de Produits Pharmaceutiques A. Christiaens Societe Anonyme. New derivative of gitoxin, the use and preparation thereof. 3,184,383, 5–18–65, Cl. 167—65.
Hupp Corp.: *See*—
Bauer, Konrad E., and Carlson. 3,225,815.
Fannon, John J., Jr. 3,215,418.
Grady, George M. 3,164,229.
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La Pointe, Joseph L., and Fannon. 3,196,928.
Patrick, Malcolm W. 3,198 500.
Patrick, Malcolm W. 3,204,685.
Prince, Fred J. 3,212,706.
Prince, Fred J., and Szell. 3,219,097.
Smith, Horace L, Jr. 3,174,228.
Smith, Horace L., Jr. 3,177,932.
Smith, Horace L., Jr. 3,181,605.
Smith, Horace L., Jr. 3,189,460.
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Stilwell, William E., Jr. 3,186,104.
Szell, Charles. 3,167,110.
Wilkie, Robert M. 3,213,479.
Hupp, Robert C. Sectional fluid manifold assembly. 3,219,053, 11–23–65, Cl. 137—269.
Hupp, Ross E. Indexed motion toy. 3,201,127, 8–17–65, Cl. 273—109.
Huppert, Roger E. Apparatus for the automatic reproduction of tape recordings. 3,206,555, 9–14–65, Cl. 179—100.1.
Huppke, Glen P., to Fiber Products Research Center, Inc. Infrared absorbent aluminum phosphate coatings and method of manufacture. 3,198,674, 8–3–65, Cl. 148—6.15.
Hura, Michael: *See*—
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Barrett, David M., Bastin, and Hura. 3,173,011.
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Graham, Geoffroy, Hure, and Saint-James. 3,204,934.
Graham, Geoffroy, Hure, and Saint-James. 3,226,092.
Hurewitz, Arthur, to A. G. Adler and S. H. Landy. Transparent container. 3,221,979, 12–7–65, Cl. 229—57.
Hurkamp, Charles H. Foldable building structure. 3,189,949, 6–22–65, Cl. 20—2.
Hurkmans, Jozefus C., to Hunter Douglas International (Quebec) Ltd. Locking device for lift means, such as for example lift cords or lift tapes of a Venetian blind, a curtain or the like. 3,191,664, 6–29–65, Cl. 160—173.
Hurkmans, Jozefus C., to Hunter Douglas International (Quebec) Ltd. Locking device lift cords of a Venetian blind. 3,221,802, 12–7–65, Cl. 160—173.
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Kirschke, Norman W., and Hurko. 3,172,995.
Hurlburt, Arthur F.: *See*—
Padelt, Johannes G., and Hurlburt. 3,168,025.
Hurlburt, Charles E., to The Bendix Corp. Pendulous rate gyroscope system. 3,187,587, 6–8–65, Cl. 74—5.7.
Hurlburt, George R., to United States of America, Interior. Automatic water control gate. 3,168,814, 2–9–65, Cl. 61—25.
Hurlburt, Joseph C., to Sperry Rand Corp. Mounting structure. 3,181,686, 5–4–65, Cl. 198—87.
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Deeken, Carl L. 3,177,310.
Rhodes, Chester R. 3,175,063.
Hurley, Alan F.: *See*—
Racy, Joseph E., and Hurley. 3,218,574.

Hurley, Forrest R.: *See*—
MacCallum, Robert B., and Hurley. 3,198,603.
MacCallum Robert B., and Hurley. 3,198,743.
Hurley, Gerald I. Rifle bolt and sleeve for a receiver having an oval bore. 3,191,331, 6–29–65, Cl. 42—16.
Hurley, Mark L.: *See*—
White, Edward G. 3,166,778.
Hurley, Michael G., to General Electric Co. Information checking apparatus for data transfer system. 3,189,871, 6–15–65, Cl. 340—146.1.
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Hurley, Robert E., to Radio Corp. of America. Flyback transformers. 3,213,399, 10–19–65, Cl. 336—212.
Hurley, Robert M., to Container Corp. of America. Collapsible folding carton with odd number of uncreased side walls. 3,184,146, 5–18–65, Cl. 229—41.
Hurlow, John B. Push-pull type remote control cable. 3,176,538, 4–6–65, Cl. 74—501.
Hurney, Thomas J., to Acme Visible Records, Inc. Record holder device. 3,195,254, 7–20–65, Cl. 40—124.
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Evans, Elmer H. 3,187,581.
Evans, Elmer H. 3,218,867.
Howlett, Charles L. 3,191,998.
Hurry, James A., to Deere & Co. Crop-engaging tine means. 3,192,696, 7–6–65, Cl. 56—400.
Hurschman, Alfred A., to Ampoules, Inc. Drop or spray dispenser. 3,174,655, 3–23–65, Cl. 222—215.
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Wilterdink, Meredith W., and Hursen. 3,175,289.
Hursh, Francis I.: *See*—
Hursh, Samuel R., and Reigh. 3,167,282.
Hursh, Samuel R., and Reigh. 3,167,282.
Hursh, Samuel R., deceased (F. J. Hursh, J. R. Hursh, and Provident Tradesmen Bank and Trust Co., executors), and C. J. Reigh; said Reigh assor. to said Hursh. Railroad warning device. 3,167,282. 1–26–64, Cl. 246—124.
Hurst, Arnold U., and G. V. Mack, to Reynolds Metals Co. Heat-exchanger having selectively spaced heat-exchange shelving integrally formed therein. 3,165,150, 1–12–65, Cl. 165—75.
Hurst, Charles L., to Manufacturers Machine Co. Rim clamp for truck wheels. 3,199,920, 8–10–65, Cl. 301—13.
Hurst, Edmond C., to United States of America, Atomic Energy Commission. Method of heat treating tungsten wire or ribbon. 3,165,427, 1–12–65, Cl. 148—20.3.
Hurst, Eric. Fraction increasing means for vehicles. 3,215,218, 11–2–65, Cl. 180—7.
Hurst, Frank E. Device for baiting fish hooks. 3,164,067, 1–5–65, Cl. 43—4.
Hurst, George H., Jr., and W. G. Campbell. Gear shift. 3,172,301, 3–9–65, Cl. 74—473.
Hurst, George H., Jr., and W. G. Campbell. Gear shift. 3,192,793, 7–6–65, Cl. 74—476.
Hurst, George H., Jr., and W. G. Campbell. Gear shift. 3,216,274, 11–9–65, Cl. 74—476.
Hurst, Harry. Thermionic converters. 3,202,843, 8–24–65, Cl. 310—4.
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Hurst, Ira N., to Hurst Mfg. Corp. Synchronous hysteresis electric motor. 3,205,383, 9–7–65, Cl. 310—162.
Hurst, James W. Automatic fruit picking machine. 3,200,575, 8–17–65, Cl. 56—328.
Hurst, Justin, to Russell Constructions Ltd. Straining and sifting apparatus. 3,206,029, 9–14–65, Cl. 209—366.5.
Hurst, Kerney J.: *See*—
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Hurst, Kerney J., and W. G. Pearson. Article counting device. 3,215,310, 11–2–65, Cl. 221—7.
Hurst Mfg. Corp.: *See*—
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Hurst, Mowatt M., to S. C. Johnson & Son, Inc. Automobile positioning device. 3,199,783, 8–10–65, Cl. 238—4.
Hurst, Robert N., to Radio Corp. of America. Pulse-width discriminator. 3,219,838, 11–23–65, Cl. 307—88.5.
Hurst, Robert W.: *See*—
Ketterer, Richard J., and Hurst. 3,209,196.
Hurst, Thomas L., A. W. Turner, and R. T. Gaudlitz, to A. E. Staley Mfg. Co. Method of producing dried starch conversion product. 3,197,338, 7–27–65, Cl. 127—40.
Hurst, Tim. Outrigger fishing line guide. 3,193,964, 7–13–65, Cl. 43—43.12.
Hurt, Francis N., and D. Reynolds, to The Hosiery and Allied Trades Research Assn. Apparatus for treating tubular knitted fabric. 3,204,317, 9–7–65, Cl. 26—55.
Hurt, Robert D.: *See*—
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Hurter, Max, and E. J. Nielsen, to Square D Co. Electromagnetic relay and contact carrier assembly therefor. 3,215,800, 11–2–65, Cl. 200—104.
Hurth, Carl: *See*—
Rogg, Otto. 3,200,711.
Hurth, Carl, Maschinen- und Zahnradfabrik: *See*—
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Hurth, Fritz. 3,169,447.
Hurth, Fritz. 3,182,557.
Hurth, Fritz. 3,220,090.
Hurth, Fritz, and Erhardt. 3,213,754.
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Hurth, Fritz, to Carl Hurth Maschinen- und Zahnradfabrik. Gear finishing tool having hunting tooth action and a plurality of zones each with helically arranged cutting edges. 3,169,447, 2–16–65, Cl. 90—1.6.
Hurth, Fritz, to Carl Hurth Maschinen- und Zahnradfabrik. Apparatus for shaving gears. 3,182,557, 5–11–65, Cl. 90—1.6.
Hurth, Fritz, to Schiess Aktiengesellschaft. Machine for hobbing and shaving gearwheels. 3,188,915, 6–15–65, Cl. 90—1.6.
Hurth, Fritz, to Carl Hurth-Maschinen-und Zahnradfabrik. Shaving cutter. 3,220,090, 11–30–65, Cl. 29—103.
Hurth, Fritz, and M. Erhardt, to Carl Hurth Maschinen- und Zahnradfabrik. Method and apparatus for treating gears and similar workpieces. 3,213,754, 10–26–65, Cl. 90—1.6.
Hurtner, Thomas A., to Adirondack Steel Casting Co. Railway truck. 3,190.237, 6–22–65, Cl. 105—182.
Hurvitz, Hyman. Pure fluid amplifiers. 3,208,463, 9–28–65, Cl. 137—81.5.
Hurwitt, Steven D. Rotary vacuum seal. 3,179,476, 4–20–65, Cl. 308—36.1.
Hurwitz, Henry, Jr., to General Electric Co. Electric generation. 3,183,379, 5–11–65, Cl. 310—11.
Hurwitz, Henry, Jr., and G. W. Sutton, to General Electric Co. Electrode structure for magnetohydrodynamic device. 3,183,380, 5–11–65, Cl. 310—11.
Hurwitz, Henry, Jr., and H. R. Koenig, to General Electric Co. Magneto hydrodynamic fluid accelerator and compressor. 3,183,403, 5–11–65, Cl. 315—111.
Hurwitz, Marvin J., and E. M. Beavers, to Rohm & Haas Co. Bis-neopentyl glycols. 3,201,479, 8–17–65, Cl. 26—635.
Hurwitz, Mathew, to Dynatech Corp. Ignition system. 3,208,443, 9–28–65, Cl. 123—148.
Hurwitz, Melvin D.: *See*—
Balmer, Clifford E., Brown, Hurwitz, and Masterson. 3,224,996.
Hurwitz, Melvin D., to Rohm & Haas Co. Non-aqueous solutions of acrylic ester/acid copolymers and thermosetting alkylated aminoplast resin-forming condensate. 3,183,282, 5–11–65, Cl. 260—856.
Hurwitz, Melvin D., to Rohm & Haas Co. Pill resistant nonwoven textile fabric. 3,203,847, 8–31–65, Cl. 161—82.
Husa, Howard W., to Standard Oil Co. Method and apparatus for automatically controlling purge rates. 3,177,885, 4–13–65, Cl. 137—3.
Husak, William. Ski construction. 3,190,668, 6–22–65, Cl. 280—12.
Husband, Reed J. Timed cycle circuit. 3,200,301, 8–10–65, Cl. 317—141.
Husby, Donald E., to Westinghouse Electric Corp. Luminaire. 3,218,450, 11–16–65, Cl. 240—25.
Husby, Donald E., C. W. Eberhart, and E. L. Izzi, to Westinghouse Electric Corp. Luminaire. Re. 25,900, 11–9–65, Cl. 240—25.
Huse, Arthur E., to American Bosch Arma Corp. Variable speed governor. 3,217,700, 11–16–65, Cl. 123—140.
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Hushebeck, Henry R., to Joseph Bancroft & Sons Co. Process of partially methylenating cellulose textiles. 3,165,374, 1–12–65, Cl. 8—116.4.
Hushebeck, Henry R., to Joseph Bancroft & Sons Co. Methylenation catalyst. 3,183,195, 5–11–65, Cl. 252—428.
Hushebeck, Henry R., to Joseph Bancroft & Cons Co. Catalyst system for heat curing of fabrics. 3,186,954, 6–1–65, Cl. 252—428.
Hushebeck, Henry R., to Joseph Bancroft & Sons Co. Catalyst system for fabric finishing process. 3,212,928, 10–19–65, Cl. 117—139.4.
Husher, John D.: *See*—
Stelmak, John P., and Husher. 3,165,708.
Husher, John D., and S. L. Iannazzo, to Westinghouse Electric Corp. Integrated circuit semiconductor narrow band notch filter. 3,212,033, 10–12–65, Cl. 333—70.
Husher, John D., and B. T. Murphy, to Westinghouse Electric Corp. Detector circuitry and semiconductor device therefor. 3,213,380, 10–19–65, Cl. 329—101.
Husimi, Kazuo: *See*—
Kiyasu, Zeniti, and Husimi. 3,221,181.
Husimi, Kazuo, and T. Koshiba, to Nippon Telegraph and Telephone Public Corp. High speed memory bistable dynatron circuit. 3,198,957, 8–3–65, Cl. 307—88.5.
Huska, Paul: *See*—
Pamplin, James B. 3,192,799.
Huska, Paul. Electrical terminal block. 3,187,295, 6–1–65, Cl. 339—149.
Husko, Waino L., to General Motors Corp. Hinge stop. 3,211,494, 10–12–65, Cl. 296—76.
Husko, Waino L., and L. Pappas, to General Motors Corp. Extensible step for station wagon and like vehicles. 3,164,394, 1–5–65, Cl. 280—166.
Husni, Saleem Y., Jr., to Radio Corp. of America. Method of sealing and joining and articles made thereby. 3,188,720, 6–15–65, Cl. 29—155.5.
Husome, Robert G., and H. Trigger, to TRW Semiconductors, Inc. Fusion apparatus. 3,187,973, 6–8–65, Cl. 228—42.
Husqvarna Vapenfabriks Aktiebolag: *See*—
Eriksson, Allan H. 3,200,780.
Ojelid, Goran A. R. 3,188,441.
Ojelid, Göran A. R. 3,225,267.
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Ojelid, Göran A. R. 3,225,302.

Huss, Donald E.: *See*—
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Hussell, Donald E., to Creative Packaging, Inc. Hinge for containers. 3,212,125, 10–19–65, Cl. 16—171.
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Hussey, Clyde V., to Seismograph Service Corp. Communication system for shielded areas. 3,191,122, 6–22–65, Cl. 325—54.
Hussey, Forrest A., to The O. K. Tool Co., Inc. Cutting tool. 3,209,431, 10–5–65, Cl. 29—96.
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Husted, Donald M., to Sperry Rand Corp. Synchronism for punched card reading system. 3,222,502, 12–7–65, Cl. 235—61.11.
Husted, Norris C. Mid-span service takeoff. 3,194,874, 7–13–65, Cl. 174—43.
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Huston, Elmo F., to The Ohio Brass Co. Electrical apparatus housing and joint therefore. 3,181,722, 5–4–65, Cl. 220—2.3.
Huston, Milton D., to Controls Co. of America. Oil burner and improved ignition baffling means therefor. 3,176,752, 4–6–65, Cl. 158—91.
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Huston, William D., to American Radiator & Standard Sanitary Corp. Pressure gage. 3,213,688, 10–26–65, Cl. 73—411.
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Hutchinson, Harold D., and W. C. Gregge. Lead bending guide device. 3,212,368, 10–19–65, Cl. 81—5.1.
Hutchinson, Irving N., and M. H. Peterssen, to Sperry Rand Corp. Automatic trim system. 3,178,133, 4–13–65, Cl. 244—77.
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Hutchison, Williston E. Invertible deep-submergence power supply. 3,166,446, 1–19–65, Cl. 136—6.
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Hutson, Jearld L., to Hunt Electronics Co. Power control circuit utilizing control rectifiers with adjustable reactance in the gating circuit. 3,210,571, 10–5–65, Cl. 307—88.5.
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Hutt, Philip, to General Electric Co. Control system for electric cooking ovens. 3,201,564, 8–17–65, Cl. 219—398.
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Huttenlocher, Dietrich F., and W. M. Sweeney, to Texaco Inc. Process for treating synthetic ester lubricants with aromatic isocyanates or aromatic thioisocyanates. 3,189,629, 6–15–65, Cl. 260—404.8.
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Hutto, Frank C., to Ford Motor Co. Fabricated piston rings. 3,195,908, 7–20–65, Cl. 277—206.
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Isaac, Peter. Retractable airfoils and hydrofoils. 3,184,187, 5–18–65, Cl. 244—43.
Isaac, Peter. Safety belt systems for vehicles. 3,190,694, 6–22–65, Cl. 297—388.
Isaac, Peter. Ski and boot relative torque indicators. 3,222,-922, 12–14–65, Cl. 73—133.
Isaac, Peter. Combination ski-boot holder and torque indicator. 3,224,261, 12–21–65, Cl. 73—133.
Isaac, Szlechter. Apparatus and method for developing mechanical power from a liquid. 3,169,370, 2–16–65, Cl. 60—51.
Isaacman, Morris. Traction device for vehicle wheels. 3,190,-335, 6–22–65, Cl. 152—216.
Isaacs, Anthony: *See*—
Corney, John V., and Isaacs. 3,207,998.
Isaacs, Charles W., and H. Wade. Magnetic game apparatus. 3,223,419, 12–14–65, Cl. 273—131.
Isaacs, Elias, and N. Munro, to Imperial Chemical Industries Ltd. Process for manufacturing polymeric polymethylene terephthalates. 3,171,828, 3–2–65, Cl. 260—75.
Isaacs, Marcus M. Length adjustment means for garments. 3,170,167, 2–23–65, Cl. 2—269.
Isaacs, Philip K.: *See*—
Nimoy, Melvin, Dearborn, and Isaacs. 3,183,207.
Isaacs, Philip K., N. G. Tompkins, M. Nimoy, and R. L. Haden, Jr., to W. R. Grace & Co. Printing plate compositions. 3,168,491, 2–2–65, Cl. 260—31.6.
Isaacs, Robert O.: *See*—
Richardson, William F., McQuitty, and Isaacs. 3,195,-955.
Isaacs, Robert O., to Flex-O-Lators, Inc. Spring base for seat backs. 3,173,672, 3–16–65, Cl. 267—102.
Isaacson, Calvin, to Leesona Corp. Automatic foam fluxing. 3,218,193, 11–16–65, Cl. 117—113.
Isaacson, Harold B. Adjustable microwave attenuator having broad-band frequency compensation. 3,215,958, 11–2–65, Cl. 333—81.
Isaacson, Max: *See*—
Hulman, Julius, Beaman, and Isaacson. 3,173,376.
Isaacson, Max, and J. Flatt; said Flatt assor. to said Isaacson. Vibrator. 3,173,664, 3–16–65, Cl. 259—72.
Isaacson, Milton S., to Globe Industries, Inc. Ball bearing toy. 3,175,326, 3–30–65, Cl. 46—61.
Isachsen, Henning: *See*—
Lymburner, Douglas H., and Isachsen. 3,204,705.
Lymburner, Douglas H., and Isachsen. 3,219,126.
Isacks, Albert J., Jr., to Monsanto Co. Process for the purification of hexamethylenediamine. 3,193,472, 7–6–65, Cl. 202—57.
Isacsson, Sven-Eric, to Aktiebolaget Electrolux. Braking roller for conveyor. 3,180,472, 4–27–65, Cl. 193—37.
Isago, Masao: *See*—
Machida, Jyusaku, Hagiwara, Yamada, Isago, and Sugishita. 3,226,334.
Isaksen, Per-Christian. Arrangement of rollers for conveyors. 3,202,258, 8–24–65, Cl. 198—1.
Isaksson, Erik H., to Gotaverken, Aktiebolaget. Latching device for hatch covers or the like. 3,200,785, 8–17–65, Cl. 114—203.
Isbell, Dwight E., to The University of Illinois Foundation. Frequency independent unidirectional antennas. 3,210,767, 10–5–65, Cl. 343—792.5.
Isbrandtsen Co., Inc.: *See*—
Betjemann, Christopher. 3,182,424.
Krabbenschmidt, Henry. 3,211,311.
Isch, Hans, and K. Schiess, to Albiswerk Zuerich A.G. Transmit-receive polarization filter. 3,217,273, 11–9–65, Cl. 333—13.
Isch, Hans W., to Albiswerk Zurich A.G. Sum-difference direction-finding device. 3,221,328, 11–30–65, Cl. 343—16.
Ischer, Hans: *See*—
Benz, Jakob, and Ischer. 3,218,310.
Benz, Jakob, Ischer, Kaegi, Siegrist, and Uehlinger. 3,213,078.
Ischer, Hans, and H. Siegrist, to Sandoz Ltd. Monoazo reactive dyes. 3,169,124, 2–9–65, Cl. 260—163.
Ischer, Hans, and C. Ryffel, to Sandoz Ltd. Water-soluble disazo dyes containing reactive groups. 3,169,125, 2–9–65, Cl. 260—181.
Isch-Wall, Maxime, and C. Ausset, to General American Transportation Corp. Systems for treating agglomerated products. 3,220,118, 11–30–65, Cl. 34—57.
Isco Optische Werke G.m.b.H.: *See*—
Solisch, Rudolf, and Woltche. 3,217,597.
Solisch, Rudolf, and Woltche. 3,217,598.
Iseli & Co.: *See*—
Lehacque, Raymond E. T. 3,181,322.
Isemura, Shinichi, to Daiei Presscorder Co. Ltd. Visual and aural type sound recording and reproducing device. 3,193,-295, 7–6–65, Cl. 274—9.
Isemura, Shinichi, to Daiei Presscorder Co. Ltd. Apparatus for transducing from a stationary record. 3,224,782, 12–21–65, Cl. 274—14.
Isenbarger, Robert O., to Chicago Rawhide Mfg. Co. Hub cap assembly. 3,177,041, 4–6–65, Cl. 301—108.
Isenbarger, Robert O., and W. I. Buchanan, to Chicago Rawhide Mfg. Co. Seal installation tool with aligning means. 3,214,829, 11–2–65, Cl. 29—254.
Isenberg, Albert G., to Eastman Kodak Co. Plastic bird house. 3,177,849, 4–13–65, Cl. 119—23.
Isenberg, Lionel: *See*—
Gary, Wright W., Jr., Isenberg, Jones, and Nader. 3,180,448.
Isenberger, William J. Ski sled. 3,173,703, 3–16–65, Cl. 280—21.
Isensee, Otto, Jr.: *See*—
Waller, Arthur, and Isensee. 3,208,780.
Iserson, Hyman: *See*—
Haszeldine, Robert N., and Iserson. 3,182,092.
Isgriggs, Damon C., F. M. Lothman, and D. H. Ellerbrock, to R. C. Can Co. Dispensing gun. 3,193,146, 7–6–65, Cl. 222—82.
Isham, Clyde G., to The Bendix Corp. Actuating mechanism. 3,188,874, 6–15–65, Cl. 74—110.
Isherwood, Thomas H., to Gibbons (Dudley) Ltd. Method of producing ceramic articles and the articles produced by this method. 3,219,466, 11–23–65, Cl. 106—58.
Ishibashi, Akira, to Nippon Reizo Kabushiki Kaisha. Automatic egg-laying recording apparatus. 3,183,514, 5–11–65, Cl. 346—25.
Ishibashi, Joichi, and K. Ito, to Takeda Chemical Industries, Ltd. Crystalline sodium salt of 5′-guanylic acid and a method for preparing the same. 3,190,877, 6–22–65, Cl. 260—211.5.
Ishibashi, Kanichiro, Y. Kitamoto, T. Tezuka, A. Mori, H. Yoshitomi, and F. Okawa, to Bridgestone Tire Co. Ltd. Air cushion suspension device with variable throttling means. 3,212,769, 10–19–65, Cl. 267—65.
Ishida, Hajime: *See*—
Yanagita, Seikichi, Ikeda, and Ishida. 3,203,403.
Ishida, Hajime, to Pairotto Man-New-Hitsu Kabushiki Kaisha. Clip mounting device for writing tools. 3,175,261, 3–30–65, Cl. 24—11.
Ishida, Moriyoshi: *See*—
Takahashi, Masahiro, Miura, Okumura, and Ishida. 3,198,712.
Ishida, Shinichi, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for the polymerization of aldehydes. 3,198,768, 8–3–65, Cl. 260—67.
Ishida, Tsuyoshi: *See*—
Mori, Leo, Nikura, and Ishida. 3,165,939.
Ishiguro, Yasunosuke. Time delay mercury switch with gas equalization means. 3,166,657, 1–19–65, Cl. 200—122.
Ishihara, Mitsuo: *See*—
Olson, Roger L., and Ishihara. 3,210,760.
Ishii, Atsushi: *See*—
Okamoto, Takashi, and Ishii. 3,168,628.
Ishii, Kinji, to Kabushikikaisha Yokogawa Denki Seisakusho (Yokogawa Electric Works Ltd.). Rotameter transmitter. 3,182,500, 5–11–65, Cl. 73—209.
Ishii, Ryosuke: *See*—
Iizuka, Hiroshi, Katsuya, Shiio, Komagata, Otsuka, Yamada, and Ishii. 3,222,258.

Ishikawa, Hiroaki: *See*—
Nakazima, Masaya, and Ishikawa. 3,200,845.
Ishikawa, Kazuo, and K. Iwaki, to Jeco Co., Ltd. Magnetic escapement. 3,208,287, 9–28–65, Cl. 74—1.5.
Ishikawa, Shogo, to Kabushiki Kaisha Kito Seisakusho. Reversible polyphase motor with phase protective device. 3,214,664, 10–26–65, Cl. 318—207.
Ishikawajima-Harima Jukogyo Kabushiki Kaisha: *See*—
Nakamura, Hajime. 3,178,279.
Nakamura, Hajime. 3,180,726.
Takagi, Keitaro. 3,200,781.
Ishiki, Isao, to Kabushiki Kaisha Ebara Seisakusho President: Isei Hatakeyama. Means for laying submarine cables. 3,217,499, 11–16–65, Cl. 61—72.4.
Ishimoto, Kunio, H. Watanabe, and T. Sato, to Nippon Electric Co. Ltd. Continuous operable negative feedback amplifier. 3,202,927, 8–24–65, Cl. 330—84.
Ishimoto, Kunio, and K. Nakamura, to Nippon Electric Co., Ltd. Monitor for a feedback amplifier. 3,226,651, 12–28–65, Cl. 330—2.
Ishimoto, Tokusaburo: *See*—
Fujishima, Shohei, and Ishimoto. 3,184,012.
Ishiwara, Tatsuya, K. Ogawa, S. Komaki, and Y. Yamamoto, to Kabushiki Kaisha Daini Seikosha. Time measuring instrument. 3,168,803, 2–9–65, Cl. 58—79.
Ishizaki, Yasutoshi: *See*—
Kagawa, Yoichi, and Ishizaki. 3,202,989.
Toyoda, Ryosuke, and Ishizaki. 3,210,761.
Ishizuka, Yoshio, Y. Taneda, and Y. Ohno, to Teijin Ltd. Process for purifying α-methyl glutamate N-carboxy anhydride. 3,184,469, 5–18–65, Cl. 260—307.
Ishoy, Albert D.: *See*—
Scott, William F., and Ishoy. 3,190,447.
Isle of Man, The: *See*—
Adcock, Frederick A. 3,191,457.
Isley, Maynard J. Multiple unit endless track suspension system. 3,207,247, 9–21–65, Cl. 180—9.58.
Isley, Walter F.: *See*—
Bachle, Carl F., and Isley. 3,190,273.
Isley, Walter F., to Continental Aviation and Engineering Corp. Piston for internal combustion engine. 3,189,010, 6–15–65, Cl. 123—41.35.
Isley, Walter F., to Continental Aviation and Engineering Corp. Piston construction. 3,221,718, 12–7–65, Cl. 123—32.
Isley, Walter F., and F. C. Druzynski, to Continental Aviation and Engineering Corp. Fuel viscosity responsive control. 3,170,503, 2–23–65, Cl. 158—36.
Isley, Walter F., and F. C. Druzynski, to Continental Aviation and Engineering Corp. Fuel viscosity control device. 3,204,623, 9–7–65, Cl. 123—140.
Isobe, Takashi, and Y. Yamane. Apparatus for determining the weight of cargo on board a ship. 3,190,119, 6–22–65, Cl. 73—302.
Isoda, Haruo, to Y. Yasuhito, deceased (by Y. Tadai, successor by agreement of heirs). Automatic noncompression starting device. 3,223,076, 12–14–65, Cl. 123—182.
Isolation Systems, Inc.: *See*—
Kerley, James J., Jr. 3,204,943.
Isole, Joseph J., Jr.: *See*—
Butler, Richard A., Cadwallader, Isole, and Park. 3,171,114.
Isomet Corp.: *See*—
Ruderman, Irving W. 3,213,752.
Isora Illuminating Ceilings Ltd.: *See*—
Blood, Peter B. 3,186,129.
Ispen Industries, Inc.: *See*—
Glenn, Perry A. 3,171,759.
Israel, Michael: *See*—
Green, Joseph, Fein, and Israel. 3,201,377.
Israel Mining Industries-Institute for Research and Development: *See*—
Baniel, Avraham M., Lavie, and Heimann. 3,194,632.
Shorr, Leonard M. 3,196,099.
Israel, the State of: *See*—
Lewin, Menachem, Elsner, Mielcharek, and Bernstein. 3,172,884.
Isreeli, Jack, to Technicon Instruments Corp. Spectral flame burners and burner apparatus. 3,177,758, 4–13–65, Cl. 88—14.
Isreeli, Jack, and T. Bilichniansky, to Technicon Instruments Corp. Continuously operable apparatus and method for counting particles in successive portions of a flowing fluid stream. 3,165,692, 1–12–65, Cl. 324—71.
Isreeli, Jack, and T. Bilichniansky, to Technicon Instruments Corp. Continuously operable apparatus and method for counting particles in successive portions of a flowing fluid stream. 3,165,693, 1–12–65, Cl. 324—71.
Istag A.G.: *See*—
Bonetti, Giulio. 3,221,552.
Klinger-Lohr, Hubert. 3,211,418.
Klinger-Lohr, Hubert. 3,211,419.
Istag A.G. Suhr/AG: *See*—
Klinger-Lohr, Hubert. 3,185,489.
Istel, Erich: *See*—
Schnegg, Robert, Istel, and Gold. 3,205,202.
Istituto de Angeli, S.p.A.: *See*—
Casadio, Silvano. 3,223,720.
Italiano, Lawrence, to National Die and Button Mold Co., Inc. Apparatus for applying nail heads to fabrics and the like. 3,191,840. 6–29–65, Cl. 227—114.
Itaya, Minoru: *See*—
Naka, Morio, Umebayashi, and Itaya. 3,202,748.
Itaya, Minoru, Y. Umebayashi, T. Okuda, and Y. Takeda, to Ajinomto Co., Inc. and Fuji Spinning Co., Ltd. Cellulose-polyglutamic acid blend fibers and process for production. 3,218,181, 11–16–65, Cl. 106—163.
Itek Corp.: *See*—
Berman, Elliot, French, Most, Murray, and Roberts. 3,169,067.
Berman, Elliott, and Pian. 3,220,859.
Breitbord, Jacob L. 3,221,099.
Campbell, Maxwell S. 3,168,858.
Gallagher, Leo H. 3,220,417.
Kriebel, Anthony R. 3,220,261.
Kuehnle, Manfred R. 3,174,354.
Kuehnle, Manfred R. 3,207,827.
Leighton, Thomas C. 3,221,625.
Nielsen, Jack N., and Burnell. 3,188,020.
Rittinger, Adam N. 3,177,792.
Troll, John H. 3,165,045.
Wright, Malor. 3,181,449.
Wright, Malor. 3,221,755.
Wright, Malor. 3,192,846.
Zeutschel, Heinz M. 3,178,178.
Zeutschel, Heinz M., and Cooper. 3,178,020.
Ithaca Gun Co., Inc.: *See*—
Woodcock, Fletcher H. 3,208,180.
Ito, Jack J., to Minnesota Mining and Mfg. Co. Presensitized positive-acting diazotype printing plate. 3,211,553, 10–12–65, Cl. 96—75.
Ito, Kazuo, and T. Yanaka, to Kabushikikaisha Nihondenshi Kogaku Kenkyusho. Two stage electron beam magnification device comprising plural adjustable magnetic lens system. 3,188,465, 6–8–65, Cl. 250—49.5.
Ito, Kikuo: *See*—
Ishibashi, Joichi, and Ito. 3,190,877.
Ito, Kinichi. Screw locking device. 3,179,142, 4–20–65, Cl. 151—25.
Ito, Kohei: *See*—
Inaba, Seiuemon, Ito, and Shirafuji. 3,185,439.
Ito, Kunimoto: *See*—
Miyake, Yasutomo, Suyama, Shinada, and Ito. 3,175,168.
Robbins, Daniel H., Craft, Pierce, and Kane. 3,173,577.
Ito, Masatomo: *See*—
Teramoto, Koji, Oga, and Ito. 3,206,378.
Ito, Shigeo: *See*—
Yoshida, Seijiro, Naito, Ito, and Tajima. 3,203,917.
Ito, Shoe, to Asahi Optical Co., Ltd. Electric exposure meter capable of reading picture contrast. 3,177,762, 4–13–65, Cl. 88—23.
Ito, Tadanori: *See*—
Fukaya, Toshitada, Kato, and Ito. 3,175,910.
Ito, Takao, to Nippon Seiko Kabushiki Kaisha. Spindle insert. 3,224,820, 12–21–65, Cl. 308—155.
Ito, Teiichiro: *See*—
Ogawa, Hiroshi, and Ito. 3,176,004.
Ito, Yosoji, S. Niinobe, and H. Asano, to Teikoku Hormone Mfg. Co., Ltd. Physiologically active proteinic substance and method of preparing same from animal salivary glands. 3,178,349, 4–13–65, Cl. 167—74.
Ito, Yoshikazu, to Toyo Rayon Kabushiki Kaisha. Method of producing nitroso compounds or oximes. Re. 25,937, 12–7–65, Cl. 204—162.
Ito, Yoshikazu, and S. Torimitsu, to Toyo Rayon Kabushiki Kaisha. Photochemical method of producing cycloalkanoneoime hydrochlorides. 3,218,247, 11–16–65, Cl. 204—162.
Itoh, Kiyohiko: *See*—
Mabuchi, Shigeaki, and Itoh. 3,219,745.
Itoh, Takao, to Kajima Construction Co., Ltd. Umbrella type frame structures. 3,195,274, 7–20–65, Cl. 50—49.
Itoh, Takao, to Kajima Construction Co., Ltd. Method of assembling shell strcutures consisting of trusses having twisted surface. 3,195,276, 7–20–65, Cl. 50—55.
Itoi, Kazuo, to Kurashiki Rayon Co., Ltd. Spinning solutions of a mixture of polyvinyl alcohol and a vinyl acetate-vinylidene cyanide copolymer in dimethyl sulfoxide and fibers therefrom. 3,165,488, 1–12–65, Cl. 260—30.8.
Itoya, Kunio. Heating conveyor belt. 3,187,152, 6–1–65, Cl. 219—10.69.
Itria, Oswald A.: *See*—
Holmes, Thomas H., and Itria. 3,205,970.
Ittner, William B., III, to International Business Machines Corp. Thin-cryotron with critical gate thickness. 3,196,282, 7–20–65, Cl. 307—88.5.
Itzkan, Irving, to Sperry Rand Corp. Automatic plotting of perturbation measurements in electromagnetic wave structures. 3,217,248, 11–9–65, Cl. 324—58.
Ivanchich, Peter G., to Ford Motor Co. Steering gear. 3,170,338, 2–23–65, Cl. 74—499.
Ivanchich, Peter G., to Ford Motor Co. Multiple speed ratio power transmission mechanism with fully synchronized speed ratio shifts. 3,202,005, 8–24–65, Cl. 74—333.
Ivanko, Michael F.: *See*—
Ketterer, Stanley J., Busch, and Ivanko. 3,196,816.
Ketterer, Stanley J., Ivanko, Dolney, and Strait. 3,194,197.
Ivanoff, Alexander, to Tyler, Hayward, & Co. Ltd. Stirrers or mixers. 3,182,970, 5–11–65, Cl. 259—95.
Ivanoff, Victor, to Tyler, Hayward & Co. Ltd. Means for preventing or limiting interchange of liquids between communciating vessels. 3,186,345, 6–1–65, Cl. 103—87.

Ivanov, Sergei K., to Donetsky Gosudarstvenny Proektno-Konstruktorsky i Eksperimentalny Institute Kompleksnoi Mekhanizatsii Shakht-"Dongiprouglemash." Axial blower. 3,189,260, 6–15–65, Cl. 230—120.
Ivanto, Osmo J., to Spinner Osakeyhtio. Thread advancing device for thread machines. 3,172,187, 3–9–65, Cl. 28—71.3.
Ivany, George R. Wall construction and module. 3,222,830, 12–14–65, Cl. 52—98.
Ivarson, Nemo S. M., to Kooperativa Forbundet Ekonomisk Forening. Dough beater. 3,207,089, 9–21–65, Cl. 107—4.
Iven, Wilhelm, to International Harvester Co. Hay conditioner supporting and operating means. 3,165,873, 1–19–65, Cl. 56—1.
Ivens, William R. C.: *See*—
Jubb, Albert, Johnson, and Ivens. 3,175,358.
Iverson, Elizabeth M., H. E. Pohl, and C. E. Workman, to General Mills, Inc. Process for producing a decorative coating and products produced by said process. 3,219,735, 11–23–65, Cl. 264—73.
Iverson, Marlowe L.: *See*—
Woods, William G., Iverson, and Kitasaki. 3,184,418.
Iverson, Monrad E. Hydraulic control system. 3,214,901, 11–2–65, Cl. 60—19.
Iverson, Ronald J., and A. T. Safford. Ski binding release. 3,216,737, 11–9–65, Cl. 280—11.35.
Ives, Clifford E., to Tee-Pak, Inc. Shirring method. 3,184,786, 5–25–65, Cl. 17—45.
Ives, H. B., Co., The: *See*—
Benson, Fritz C. 3,174,179.
Ivie, James O. Wind direction and turbulence indicator. 3,221,570, 12–7–65, Cl. 74—126.
Ivins, Herbert L.: *See*—
De Caro, Charles J., Henning, and Ivins. 3,171,131.
Ivins, Lawrence E., to Ex-Cell-O Corp. Electronic switch. 3,196,403, 7–20–65, Cl. 340—172.5.
Ivins, Nelson J., to The Bastien-Blessing Co. Bracket hold-down device. 3,226,139, 12–28–65, Cl. 287—20.
Ivosic, Ante: *See*—
Car, Tony, Machnik, Milkovich, and Ivosic. 3,221,455.
Ivy, Daniel C. Apparatus for farm cultivating and harvesting. 3,200,889, 8–17–65, Cl. 172—26.
Ivy, Jessie T. Revolver cylinders for multiple calibers. 3,173,221, 3–16–65, Cl. 42—65.
Iwai, Issei: *See*—
Oguchi, Masanobu, Kuwabara, Iwai, and Yura. 3,212,900.
Iwai, Issei, and B. Shimizu, to Sankyo Co., Ltd. New 3-azabicyclo[3.3.1]nonane compounds and a process for preparing these compounds. 3,167,562, 1–26–65, Cl. 260—294.3.
Iwai, Issei, and T. Nishimura, to Sankyo Co., Ltd. Process for preparing purine and pyrimidine nucleosides. 3,208,997, 9–28–65, Cl. 260—211.5.
Iwai, Rinzo: *See*—
Kaiwa, Toshimasa, and Iwai. 3,204,136.
Iwai, Tomiro, to Sakae Food Stuff Industry Co., Ltd. Process for the production of alkali metal cyanates. 3,197,275, 7–27–65, Cl. 23—75.
Iwaki, Koichi: *See*—
Hirose, Masakazu, and Iwaki. 3,216,188.
Ishikawa, Kazuo, and Iwaki. 3,208,287.
Iwaki, Tsutomu: *See*—
Hirai, Taketsugu, and Iwaki. 3,207,600.
Iwamoto, Hiroyasu: *See*—
Uotani, Hiroshi, and Iwamoto. 3,164,193.
Iwamoto, Yoshiteru, to Takuma Boiler Mfg. Co. Deaeration installation for a boiler. 3,174,465, 3–23–65, Cl. 122—459.
Iwanaga, Mitsuji, and H. Idemitsu, to said Iwanaga assor. to said Idemitsu. Gas purification apparatus. 3,224,170, 12–21–65, Cl. 55—256.
Iwantscheff, George, and R. Dotzer, to Siemens-Schuckertwerke Aktiengesellschaft. Method of producing gallium from the residues from chemical production of aluminum alkyls and aluminum alkyl derivatives. 3,167,422, 1–26–65, Cl. 75—84.5.
Iwasaki, Kanesuke, to Sankyo Co., Ltd. Microbalance with low-friction bearing. 3,185,231, 5–25–65, Cl. 177—190.
Iwasaki, Kanesuke, to Sankyo Co., Ltd. Spring balance. 3,185,232, 5–25–65, Cl. 177—225.
Iwasaki, Shinjro: *See*—
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Iwasaki, Yasuhiro: *See*—
Taniyoma, Masakazu, Kawakatsu, Sawa, Iwasaki, and Yoshida. 3,202,640.
Iwata, Junzo: *See*—
Miura, Takeo, and Iwata. 3,191,017.
Iwata, Namio: *See*—
Goto, Eizo, Iwata, and Takahashi. 3,195,325.
Goto, Eizo, Iwata, and Takahashi. 3,208,246.
Iwata, Naoyuki: *See*—
Takei, Hisao, Hattori, and Iwata. 3,186,458.
Iwaya, Keikichi, and S. Kuramochi, to Louis Marx & Co., Inc. Walking toy figure. 3,163,960, 1–5–65, Cl. 46—247.
Iwaya, Keikichi, and S. Kuramochi, to Louis Marx & Co., Inc. Animated figure toy. 3,164,924, 1–12–65, Cl. 46—232.
Iwer, Herbert W: *See*—
Thomas, Clifford B., and Iwer. 3,215,955.
Iwerks, Marvin C., to United States of America, Navy. Rate-aided manual tracking circuit. 3,195,127, 7–13–65, Cl. 343—7.
Iwersen, John E.: *See*—
Edwards, Roger, Iwersen, Loar, and Ross. 3,189,973.
Iwnicki, Kurt, and D. B. Miller, to British Nylon Spinners Ltd. Apparatus and method for crimping yarn. 3,167,846, 2–2–65, Cl. 28—1.
Iwnicki, Kurt, and D. B. Miller, to British Nylon Spinners Ltd. Process of crimping and setting textile strands. 3,200,467, 8–17–65, Cl. 28—72.
Iwnicki, Kurt, and D. B. Miller, to British Nylon Spinners Ltd. Apparatus for crimping textile strands. 3,205,554, 9–14–65, Cl. 28—1.
Iyoi, Hitosi. Toothed profiles of rotors of gear pump. 3,164,099, 1–5–65, Cl. 103—128.
Iyoi, Hitosi. Teeth profiles of rotors for gear pumps of rotary type. 3,209,611, 10–5–65, Cl. 74—462.
Izard, Emmette F.: *See*—
Brill, John L., and Izard. 3,192,184.
Izenour, George C. Versatile display apparatus. 3,181,274, 5–4–65, Cl. 50—24.
Izumi, John Y. Geometric instrument. 3,224,097, 12–21–65, Cl. 33—1.
Izumi, Shinjiro. Bottle-feeding apparatus. 3,221,910, 12–7–65, Cl. 214—309.
Izumi, Sumio: *See*—
Ototani, Tohei, Maruyama, Matsumoto, and Izumi. 3,203,883.
Ototani, Tohei, Maruyama, Matsumoto, and Izumi. 3,210,183.
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Akabori, Shiro, and Izumi. 3,203,905.
Izzi, Edmund L.: *See*—
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Izzo, Patrick T., and S. R. Safir, to American Cyanamid Co. 1-phenyl-1,2-cyclopropane dicarboximides. 3,166,571, 1–19–65, Cl. 260—326.5.
J-B-T Instruments, Inc.: *See*—
Umile, Louis J., and Fitzgerald. 3,173,088.
JFD Electronics Corp.: *See*—
Goodman, Jack, and Wallace. 3,206,659.
Mermelstein, Seymour, Berman, and Hirschberg. 3,191,107.
Seiden, Hugo. 3,226,616.
J. & M. Co., The: *See*—
Sherman, Harold W. 3,164,063.
J.R.H. Products & Co. Ltd.: *See*—
Heygate, John T. N. 3,180,649.
J & S Carburetor Co.: *See*—
Jones, Sam P. 3,176,709.
J & S Engineers Ltd.: *See*—
Prestige, Harry T. 3,195,227.
Prestige, Harry T. 3,217,398.
Jab Co., Inc.: *See*—
Gdovichin, George G., and Berezansky. 3,172,973.
Jabczynski, Hans J., U. Korber, and D. Voegtlen, to Siemens and Halske Aktiengesellschaft. Coupling field selection system. 3,175,043, 3–23–65, Cl. 179—22.
Jablonski, Edward R.: *See*—
Clark, Philip B., and Jablonski. 3,184,199.
Jablonski, Edward R., to McGraw-Edison Co. Street lighting luminaire. 3,204,092, 8–31–65, Cl. 240—25.
Jablonski, Eugene, to Westinghouse Electric Corp. Apparatus for preparing molded articles. 3,193,874, 7–13–65, Cl. 18—4.
Jablonski, Eugene, to Westinghouse Electric Corp. Apparatus for coating and dispensing particles. 3,217,691, 11–16–65, Cl. 118—303.
Jablonski, Eugene, and J. A. Redmond, to Westinghouse Electric Corp. Apparatus for zone heating. 3,211,881, 10–12–65, Cl. 219—10.67.
Jablonski, Richard J., to Burroughs Corp. Read-in mechanism for settable type wheels. 3,168,035, 2–2–65, Cl. 101—110.
Jablonsky, Erich, to Zahnradfabrik Friedrichshafen Aktiengesellschaft. Power steering device effecting road reaction. 3,180,233, 4–27–65, Cl. 91—374.
Jabsco Pump Co.: *See*—
Parrett, Robert E. 3,218,983.
Jabsen, Felix S., to The Babcock & Wilcox Co. Reactor fuel hold-down assemblies. 3,205,144, 9–7–65, Cl. 176—50.
Jaccarino, Vincent, and M. Peter, to Bell Telephone Laboratories, Inc. High field superconducting devices. 3,185,900, 5–25–65, Cl. 317—158.
Jache, Otto, to Accumulatorenfabrik Sonnenschein G.m.b.H. Storage battery. 3,172,782, 3–9–65, Cl. 136—6.
Jache, Otto, to Accumulatorenfabrik Sonnenschein G.m.b.H. Electrical accumulator. 3,177,096, 4–6–65, Cl. 136—6.
Jachimowicz, Ludwik, to General Cable Corp. Sheathed electrical cable. 3,206,541, 9–14–65, Cl. 174—105.
Jachimowicz, Ludwik, and J. A. Olszewski, to General Cable Corp. Electrical cable having a laminated corrugated sheath. 3,183,300, 5–11–65, Cl. 174—106.
Jack, Charles A. Coil spring joint. 3,190,633, 6–22–65, Cl. 267—1.
Jack, Charles A. Record holder. 3,214,029, 10–26–65, Cl. 211—40.
Jack, Harry: *See*—
Arentzen, Einar M., and Jack. 3,190,698.
Jack, John R.: *See*—
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Jack, Stanton E.: *See*—
Rochester, Stanley H., and Jack. 3,163,896.
Jack, William A.: *See*—
Swanson, Vernon L., and Jack. 3,202,561.
Jack, William A., and G. W. Constantin, to Johns-Manville Corp. Acoustical panel. 3,167,151, 1–26–65, Cl. 181—33.

Jack, William, Jr., to Baker Perkins Jaxons Ltd. Ironing machines. 3,191,325, 6–29–65, Cl. 38—56.
Jacke, Stanley E., to Branson Instruments, Inc. Transducer. 3,218,488, 11–16–65, Cl. 310—8.2.
Jacke, Stanley E., and R. J. DiCamillo, to Branson Instruments, Inc. Sonic transducer. 3,179,381, 4–20–65, Cl. 259—72.
Jackes-Evans Mfg. Co.: *See*—
Cornwell, Alexander M., Jr. 3,219,182.
Miller, Joseph N. 3,225,557.
Sheets, Ray H. 3,185,134.
Jacklin, Clarence, to Nalco Chemical Co. Pellet forming apparatus. 3,189,944, 6–22–65, Cl. 18—2.7.
Jackman, John A., to Lewis Engineering Co. Electrical indicator device. 3,185,979, 5–25–65, Cl. 340—373.
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Jackman, Warren H., and R. H. Johanson, to Eastman Kodak Co. Method for slitting and splicing film. 3,184,356, 5–18–65, Cl. 156—159.
Jackoboice, Edward W., to Monarch Road Machinery Co. Garden tractor hydraulic system. 3,179,183, 4–20–65, Cl. 172—303.
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Jackson, Alan F.: *See*—
Buchner, Bernard, and Jackson. 3,207,723.
Jackson, Albert, to The United Steel Companies Ltd. Open-hearth furnace. 3,169,159, 2–9–65, Cl. 266—34.
Jackson, Alfred R.: *See*—
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Burke, Oliver W., Jr., and Jackson. 3,172,727.
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Jackson, Carl F.: *See*—
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Jackson, Charles H. Missile guidance system. 3,169,726, 2–16–65, Cl. 244—14.
Jackson, Charles H., to Hi-Shear Corp. Charge material. 3,203,843, 8–31–65, Cl. 149—19.
Jackson, Clyde E. Can carrier. 3,188,034, 6–8–65, Cl. 248—203.
Jackson, David A. Concrete comprising galena ore aggregate, calcium aluminum hydraulic binder and standard aggregates. 3,173,884, 3–16–65, Cl. 252—478.
Jackson, David J.: *See*—
Rakowicz, Jan A., and Jackson. 3,197,152.
Jackson, Donald, to Pye Ltd. Cameras. 3,172,344, 3–9–65, Cl. 95—11.
Jackson, Donald E., and G. Rand, to Sperry Rand Corp. Electronic signal storage and display system. 3,178,680, 4–13–65, Cl. 340—6.
Jackson, Donald R., to Wyandotte Chemicals Corp. Detergent compositions comprising inorganic esters of epoxyhydrocarbon polymers. 3,173,877, 3–16–65, Cl. 252—138.
Jackson, Donald R., and L. G. Lundsted, to Wyandotte Chemicals Corp. Surface active mixtures of polyoxyalkylene compounds having a single heteric polyoxypropylene-polyoxyethylene chain. 3,203,955, 8–31–65, Cl. 260—247.7.
Jackson, Donald R. P., to The Molins Organisation Ltd. Feeding of webs of material. 3,226,282, 12–28–65, Cl. 156—519.
Jackson, Earl V., and M. P. Matthew, to Bausch & Lomb Inc. Instrument table. 3,179,364, 4–20–65, Cl. 248—162.
Jackson, Francis C., to Texas A & M Research Foundation. Immunological agent. 3,197,373, 7–27–65, Cl. 167—78.
Jackson, George H. Milk carton closure fastener. 3,217,967, 11–16–65, Cl. 229—17.
Jackson, George M., deceased; C. M. Jackson, executor. Pouring spout. 3,219,237, 11–23–65, Cl. 222—78.
Jackson, George R., to The De Havilland Aircraft of Canada Ltd. Dual purpose retractable undercarriage. 3,184,189, 5–18–65, Cl. 244—101.
Jackson, George W., to Utah Hydro Corp. Controlled draft device for combustion heaters for enclosed vehicular structures. 3,168,091, 2–2–65, Cl. 126—307.
Jackson, George W., to General Motors Corp. Valve for vehicle suspension system. 3,200,843, 8–17–65, Cl. 137—614.19.
Jackson, George W., to General Motors Corp. Snap action valving mechanism. 3,200,844, 8–17–65, Cl. 137—625.2.
Jackson, George W. Shoring jack. 3,210,047, 10–5–65, Cl. 254—98.
Jackson, George W., to General Motors Corp. Fluid supply system. 3,215,339, 11–2–65, Cl. 230—52.
Jackson, Glenn A., and D. E. Lupfer, to Phillips Petroleum Co. Crystallized solids content control system. 3,212,283, 10–19–65, Cl. 62—58.
Jackson, Glenn W.: *See*—
Luce, Walter A., and Jackson. 3,177,074.
Luce, Walter A., and Jackson. 3,222,161.
Jackson, Harold: *See*—
Weisman, Sorrell D., Jackson, and Boxer. 3,220,008.
Jackson, Harold E.: *See*—
Price-Stephens, Douglas, and Jackson. 3,224,801.
Jackson, Harold E., and T. F. Moss, to Imperial-Eastman Corp. Flexible and semi-flexible tubular conduits. 3,172,427, 3–9–65, Cl. 138—125.
Jackson, Harold E., and D. R. Dean, to Tecalemit (Engineering) Ltd. Atomising liquid fuel burner. 3,200,872, 8–17–65, Cl. 158—76.
Jackson, Harold S.: *See*—
Murtland, James B., Jr., Rebhun, and Jackson. 3,186,043.
Murtland, James B., Jr., Rebhun, and Jackson. 3,187,077.
Murtland, James B., Jr., Rebhun, and Jackson. 3,187,078.
Jackson, Herbert N., to Eclipse Fuel Engineering Co. Intertube gas burner for a coal or oil-fired waterwall boiler. 3,170,443, 2–23–65, Cl. 122—236.
Jackson, Homer E. Alignment control and seal for spline drives. 3,197,216, 7–27–65, Cl. 277—137.
Jackson, James H.: *See*—
Gunkel, William F., Willey, Christianson, Kirner, Jackson, Cordry, Papanicolaou, Bath, and Visher. 3,185,981.
Jackson, James H. Scaffold bracket with spacers. 3,165,288, 1–12–65, Cl. 248—226.
Jackson, James M. Shrimp net door. 3,201,889, 8–24–65, Cl. 43—9.
Jackson, James R. Toy lifting device for child's vehicle. 3,222,034, 12–7–65, Cl. 254—139.1.
Jackson, James S., and W. J. Bartik, to Sperry Rand Corp. Circuit mounting assembly. 3,221,285, 11–30–65, Cl. 339—17.
Jackson, John: *See*—
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Skidmore, Richard H., and Jackson. 3,214,127.
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Fielder, Eric C. W., and Jackson. 3,192,808.
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Grace, Billy J., and Jackson. 3,179,747.
Jackson, John E. Method of and apparatus for air-liquid drilling. 3,179,184, 4–20–65, Cl. 173—3.
Jackson, John G., and V. Smith, to Gas Drilling Services Co. Large bore hole drilling apparatus. 3,195,661, 7–20–65, Cl. 175—95.
Jackson, John G., Jr.: *See*—
Rhodes, Allen F., Jackson, and Triplett. 3,186,486.
Jackson, John G., Jr., to McEvoy Co. Valves with enhanced pressure actuated seals. 3,181,552, 5–4–65, Cl. 137—246.12.
Jackson, John M.: *See*—
Carpenter, Victor W., Jackson, and Squibb. 3,196,054.
Carpenter, Victor W., Jackson, and Squibb. 3,201,293.
Jackson, John T., to Mandrels, Inc. Mandrel for forming insulator casing. 3,165,789, 1–19–65, Cl. 18—45.
Jackson, Justin M., K. R. Ono, W. J. Superior, and C. W. Thornthwaite, to United States of America, Navy. Electrical automatic dew point hygrometer. 3,166,928, 1–26–65, Cl. 73—17.
Jackson Mfg. Co.: *See*—
Millar, John, Jr., and Garber. 3,170,707.
Jackson, Martin A., to van Zelm Associates Inc. Energy absorption device. 3,211,260, 10–12–65, Cl. 188—1.
Jackson, Melvin F., to J. I. Case Co. Fluid drive tractor. 3,185,241, 5–25–65, Cl. 180—53.
Jackson, Mildred J. Pillow construction. 3,216,027, 11–9–65, Cl. 5—337.
Jackson & Moreland, Inc.: *See*—
Vann, Harold E., and Crowley. 3,178,354.
Jackson, Nolan C., to Wichita Precision Tool Co., Inc. Front shell loader. 3,204,518, 9–7–65, Cl. 86—43.
Jackson, Norman F., to The Plessey Co. Ltd. Tantalum capacitor electrolyte. 3,196,111, 7–20–65, Cl. 252—62.2.
Jackson, Paul D., to Durametallic Corp. Lapping tool. 3,210,893, 10–12–65, Cl. 51—170.
Jackson, Percy, and W. E. Hoseason, to William Doxford & Sons (Engineers) Ltd. Lubricating system for an internal combustion engine. 3,205,975, 9–14–65, Cl. 184—6.
Jackson, Remington R.: *See*—
Remington, William F., and Jackson. 3,222,104.
Jackson, Robert E., to Challenge-Cook Bros., Inc. Loading hopper for a transit mixer. 3,175,811, 3–30–65, Cl. 259—162.
Jackson, Robert E., and A. B. Mewhinney, to General Motors Corp. Magnetic reed adjustable switching means. 3,210,498, 10–5–65, Cl. 200—87.
Jackson, Robert G., to Conch International Methane Ltd. Method of gasifying a liquid gas while producing mechanical energy. 3,183,666, 5–18–65, Cl. 60—38.
Jackson, Robert J., to County Laboratories Ltd. Containers for viscous liquids. 3,165,242, 1–12–65, Cl. 222—495.
Jackson, Robert N. Apparatus for watering poultry. 3,195,512, 7–20–65, Cl. 119—78.
Jackson, Robert V., to McCulloch Corp. Arc welder load control. 3,204,173, 8–31–65, Cl. 322—28.
Jackson, Squire R.: *See*—
Clarke, John S., and Jackson. 3,189,416.

Jackson, Squire R., and J. Smith, to Joseph Lucas (Industries) Ltd. Exhaust gas systems for internal combustion engines. 3,188,798, 6–15–65, Cl. 60—30.
Jackson, Stuart P., to North Electric Co. Current supply apparatus. 3,218,540, 11–16–65, Cl. 321—18.
Jackson, Theodore A., to Control Data Corp. Assembly of small photosensitive fragile elements. 3,185,853, 5–25–65, Cl. 250—239.
Jackson, Thomas J. Column structure erection method. 3,218,775, 11–23–65, Cl. 52—745.
Jackson, Thomas S., to Expandolite, Inc. Container. 3,191,-791, 6–29–65, Cl. 217—25.5.
Jackson Vibrators, Inc.: *See*—
Anderson, James E. 3,203,359.
Hagerman, Charles J. 3,167,140.
Jackson, Walter L., to Rex Chainbelt Inc. Self-releasing form for casting concrete slabs. 3,204,316, 9–7–65, Cl. 25—121.
Jackson, Wilbur. Remote station signal system. 3,188,567, 6–8–65, Cl. 325—163.
Jackson, William E. Vent valve for preventing excess crankcase pressure or vacuum. 3,179,097, 4–20–65, Cl. 123—119.
Jackson, William G., to Burdick and Jackson Laboratories, Inc. Reaction control device. 3,201,615, 8–17–65, Cl. 307—116.
Jackson, William W., to Deere & Co. Rod weeder. 3,186,-494, 6–1–65, Cl. 172—44.
Jackson, Willis F.: *See*—
Perkins, Beauregard, Jr., and Jackson. 3,164,983.
Jackson, Willman E., and W. T. Johns, to Ford Motor Co. Unicycle lift. 3,195,859, 7–20–65, Cl. 254—2.
Jackson, Wilton C. Weed burning device. 3,172,459, 3–9–65, Cl. 158—79.
Jackson, Winston J., Jr.: *See*—
Caldwell, John R., and Jackson. 3,184,435.
Caldwell, John R., and Jackson. 3,215,667.
Caldwell, John R., Jackson, and Hill. 3,213,070.
Caldwell, John R., Poe, and Jackson. 3,213,061.
Jackson, Winston J., Jr., K. P. Perry, and J. R. Caldwell, to Eastman Kodak Co. Polycarbonate purification. 3,213,-060, 10–19–65, Cl. 260—47.
Jackson, Winston J., Jr., and J. R. Caldwell, to Eastman Kodak Co. Linear polyesters from 4,4'-(cyclohexylmethylene) diphenols. 3,220,977, 11–30–65, Cl. 260—47.
Jackson, Winston J., Jr., and J. R. Caldwell, to Eastman Kodak Co. Polyamides from alicyclic bisphenyleneoxydicarboxylic acids. 3,226,362, 12–28–65, Cl. 260—47.
Jackwig, Roy R., to Rowe Mfg. Co. Door control mechanism. 3,165,143, 1–12–65, Cl. 160—189.
Jacky, Germaine F., R. Sorenson, D. W. Shannon, and W. E. Tragert, to United States of America, Atomic Energy Commission. Method for determining the adhesion of metal plating. 3,223,598, 12–14–65, Cl. 204—1.
Jacob, Bart M., to Bart M. Jacob. A-frame construction. 3,177,618, 4–13–65, Cl. 50—64.
Jacob, Carlyle W. Matrix controlled light valve display apparatus. 3,210,757, 10–5–65, Cl. 340—373.
Jacob, Charles E. Method and apparatus for producing fresh water or petroleum from underground reservoir formations without contamination of underlying heavier liquid. 3,195,-633, 7–20–65, Cl. 166—42.
Jacob, Charles E. Method and apparatus for producing fresh water or petroleum from underground reservoir formations and to prevent coning. 3,199,592, 8–10–65, Cl. 166—42.
Jacob, Don M.: *See*—
Sorkin, Morris, and Jacob. 3,226,713.
Jacob, Ezekiel J., to Becton, Dickinson, and Co. Hypodermic needle mounting. 3,186,408, 6–1–65, Cl. 128—221.
Jacob, Frederic C., R. J. Romani, and C. M. Sprock, to The Regents of the University of California. Method and apparatus for sorting objects. 3,216,568, 11–9–65, Cl. 209—111.7.
Jacob, Herbert, and J. Nickl, to Wacker-Chemie G.m.b.H. Process for predetermined doping of highly pure substances. 3,211,654, 10–12–65, Cl. 252—62.3.
Jacob, John E. B., and J. M. Sowerby, to British Aircraft Corp. Ltd. Control mechanisms. 3,181,467, 5–4–65, Cl. 102—83.
Jacob, Norman B., to Keystone Ferrule & Nut Corp. Film reel. 3,167,271, 1–26–65, Cl. 242—74.
Jacob, Robert M., and G. L. Regnier, to Societe des Usines Chimiques Rhone-Poulenc. Phenthiazine derivatives. 3,176,015, 3–30–65, Cl. 260—243.
Jacob, Walter E. W., to Telefonaktiebolaget L M Ericsson. Time-multiplexing telephone system. 3,188,393, 6–8–65, Cl. 179—15.
Jacobaeus, Anton C., to Telefonaktiebolaget L M Ericsson. Exchange for automatic data transmission in telephone systems. 3,183,306, 5–11–65, Cl. 179—2.
Jacobel, Herbert, Jr.: *See*—
Scharf, Beverly W., and Jacobel. 3,177,483.
Jacobi, Arno M., to Walter Jacobi & Sons, Inc. Apparatus for finishing wood and the like. 3,167,889, 2–2–65, Cl. 51—141.
Jacobi, Arno M., to Walter Jacobi & Sons, Inc. Church kneeler. 3,190,695, 6–22–65, Cl. 297—426.
Jacobi, Edward N., to Briggs & Stratton Corp. Tumbler spring retainer for pin tumbler cylinder lock. 3,176,488, 4–6–65, Cl. 70—373.
Jacobi, Edward N., to Briggs & Stratton Corp. Compartment door latch. 3,204,994, 9–7–65, Cl. 292—227.
Jacobi, Haireddin: *See*—
Kunz, Wilhelm, and Jacobi. 3,203,992.
Jacobi, Heinrich: *See*—
Kuch, Heiner, and Jacobi. 3,180,280.
Jacobi, Otto K., to Kolmar Laboratories, Inc. Process for removing and purifying water soluble constituents from a keratin structure. 3,194,737, 7–13–65, Cl. 167—90.
Jacobi, Walter, & Sons, Inc.: *See*—
Jacobi, Arno M. 3,167,889.
Jacobi, Arno M. 3,190,695.
Jacobs, Alan. Fog-projecting fire extinguisher construction. 3,199,600, 8–10–65, Cl. 169—9.
Jacobs, Alfred: *See*—
Brichard, Edgard, Plumat, Eloy, Jacobs, and Boffe. 3,190,625.
Jacobs, Arthur W. Gland type coupling for tubes. 3,195,-933, 7–20–65, Cl. 285—247.
Jacobs, Arthur W. Torpedo. 3,214,920, 11–2–65, Cl. 61—72.1.
Jacobs, Arthur W. Cabinet roller assembly. 3,215,476, 11–2–65, Cl. 308—3.8.
Jacobs, Charles D. Apparatus for producing dust. 3,223,-335, 12–14–65, Cl. 241—109.
Jacobs, Clyde L.: *See*—
Breslav, Jack, Bradley, and Jacobs. 3,213,808.
Jacobs, Edward E.: *See*—
Lutjens, Robert D., Jacobs, and Marshall. 3,188,055.
Jacobs, Henry R. Method of cleaning glass. 3,193,507, 7–6–65, Cl. 252—170.
Jacobs, Herbert. Automatic feeding, sewing, cutting and stacking apparatus. 3,223,059, 12–14–65, Cl. 112—2.
Jacobs, Ivan M., to General Electric Co. Reactor leak detector using filters. 3,178,355, 4–13–65, Cl. 176—19.
Jacobs, James D., and W. P. Carr; said Carr assor. to said Jacobs. Book rack. 3,171,542, 3–2–65, Cl. 211—43.
Jacobs, James W.: *See*—
Brucken, Byron L., Jacobs, and Long. 3,216,126.
Jacobs, James W., to General Motors Corp. Timer. 3,171,-045, 2–23–65, Cl. 307—141.
Jacobs, James W., to General Motors Corp. Impulse time adapted for remote starting. 3,177,380, 4–6–65, Cl. 307—141.8.
Jacobs, James W., to General Motors Corp. Self cleaning variable filter for a dishwasher. 3,179,116, 4–20–65, Cl. 134—56.
Jacobs, James W., to General Motors Corp. Dry cleaning attachment for clothes washer. 3,183,689, 5–18–65, Cl. 68—23.
Jacobs, James W., to General Motors Corp. Refrigerating apparatus. 3,202,211, 8–24–65, Cl. 165—179.
Jacobs, James W., to General Motors Corp. Method of insulating refrigerator cabinets and other insulation spaces. 3,209,056, 9–28–65, Cl. 264—25.
Jacobs, James W., to General Motors Corp. Refrigerating apparatus. 3,213,635, 10–26–65, Cl. 62—77.
Jacobs, James W., to General Motors Corp. Method of manufacture of cellular foam. 3,216,849, 11–9–65, Cl. 117—93.31.
Jacobs, James W., to General Motors Corp. Apparatus for lining a hollow member. 3,217,362, 11–16–65, Cl. 18—26.
Jacobs, James W., to General Motors Corp. Timing circuit with means for selectively alternating the timing pulses. 3,221,174, 11–30–65, Cl. 307—41.
Jacobs, James W., to General Motors Corp. Dry cleaning apparatus with solvent recovery. 3,221,525, 12–7–65, Cl. 68—18.
Jacobs, James W., and G. B. Long, to General Motors Corp. Washer and dryer with means in the washer for removing lint from the dryer. 3,220,230, 11–30–65, Cl. 68—19.
Jacobs, James W., and G. B. Long, to General Motors Corp. Domestic appliance using a filter. 3,221,524, 12–7–65, Cl. 68—12.
Jacobs, John, III: *See*—
Cottell, Eric C., and Jacobs. 3,176,964.
Jacobs, John H., to Consolidated Electrodynamics Corp. Rapid latensification of silver halide photographic materials. 3,224,877, 12–21–65, Cl. 96—27.
Jacobs, Joseph J.: *See*—
Smith, William A., Downey, Jacobs, Krugman, Buehler, and Huillet. 3,211,525.
Jacobs, Lewis W., and R. J. Sabatella, to General Electric Co. Cable connector assembly. 3,165,372, 1–12–65, Cl. 339—198.
Jacobs, Louis J., and C. J. Cherry, to The S. Obermayer Co. Refractory composition and method for producing same. 3,197,315, 7–27–65, Cl. 106—65.
Jacobs Mfg. Co.: *See*—
Haviland, Girard S. 3,202,182.
Jacobs, Maxwell E., and C. Anselmo, to Detecto Scales, Inc. Scale. 3,167,144, 1–26–65, Cl. 177—225.
Jacobs, Melvin A.: *See*—
Norling, Thomas B., and Jacobs. 3,177,290.
Jacobs, Norman A., to Teletype Corp. Type wheel actuating mechanism for telegraphic page printer. 3,176,068, 3–30–65, Cl. 178—28.
Jacobs, Percy C., to United States Steel Corp. Gage for measuring the flange height of structural shapes. 3,218,-722, 11–23–65, Cl. 33—172.
Jacobs, Philip F. Receptacle. 3,202,346, 8–24–65, Cl. 232—43.3.
Jacobs, Robert B.: *See*—
Rhodes, Joseph C., and Jacobs. 3,165,921.
Van Gundy, Donald A., Richards, Steward, and Jacobs. 3,207,533.

Jacobs, Robert C. L.: *See*—
Wahlfeld, James A., and Jacobs. 3,222,733.
Jacobs, Robert C. L., to Wahlfeld Mfg. Co. Treadway and method of forming. 3,172,343, 3–9–65, Cl. 94—5.
Jacobs, Robert L., to Industrial Nucleonics Corp. Automatic cutting device. 3,167,986, 2–2–65, Cl. 83—160.
Jacobs, Robert V., and M. L. Siegel, to Babyline Furniture Corp. Folding playpen. 3,183,528, 5–18–65, Cl. 5—99.
Jacobs, Sigmund J., to United States of America, Navy. Motion picture camera using focal plane shutters. 3,165,752, 1–12–65, Cl. 352—84.
Jacobs, Stanley C.: *See*—
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Jacobs, William A., to Sun Chemical Corp. Process for embossing foamed thermoplastic sheets. 3,170,974, 2–23–65, Cl. 264—284.
Jacobs, William A., and K. A. Hornung, to Sun Chemical Corp. Forming machine and process. 3,189,399, 6–15–65, Cl. 18—19.
Jacobs, William F., to Quality Park Envelope Co. Multicompartment envelope. 3,195,802, 7–20–65, Cl. 229—72.
Jacobs, William H., E. Nahikian, and A. Armstrong, to Product R & D, Inc. Apparatus and method for carbonating and dispensing beverages. 3,206,069, 9–14–65, Cl. 222—1.
Jacobs, William H., E. Nahikian, and A. Armstrong, to Product R. & D. Inc. Apparatus for carbonating and dispensing beverages. 3,225,965, 12–28–65, Cl. 222—129.1.
Jacobsen, Calvin R. Cartridge case trimmer. 3,174,390, 3–23–65, Cl. 86—24.
Jacobsen, Edward H.: *See*—
Brison, Robert L., and Jacobsen. 3,166,277.
Jacobsen, Edward H., to Hiller Aircraft Co., Inc. Foldable rotary wing aircraft. 3,185,409, 5–25–65, Cl. 244—17.11.
Jacobsen, Edward H., and H. E. Lemont, to Hiller Aircraft Co., Inc. Rotating mounting system for helicopter auxiliary equipment. 3,203,485, 8–31–65, Cl. 170—135.4.
Jacobsen, Ernst S. Fishing worm harness. 3,193,965, 7–13–65, Cl. 43—44.4.
Jacobsen, Gordon O. Electrical switch for warning systems. 3,180,950, 4–27–65, Cl. 200—61.41.
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Stryker, Ole H. 3,219,303.
Jacobsen, Jacob, and J. C. Krogsrud, to Jac. Jacobsen, A/S. Equipoised lamp structure. 3,226,073, 12–28–65, Cl. 248—280.
Jacobsen, Jens H. Self-sealing and lubricating cutting nut and locking washer. 3,216,475, 11–9–65, Cl. 151—15.
Jacobsen, Johannes, to Solar Aircraft Co. Engine mount. 3,164,342, 1–5–65, Cl. 248—3.
Jacobsen, John K., to Milton Roy Co. Analyzer for determining hydrogen content of gas. 3,221,537, 12–7–65, Cl. 73—23.
Jacobsen, Julius E., to Allis-Chalmers Mfg. Co. Static control panel. 3,184,677, 5–18–65, Cl. 323—89.
Jacobsen, Lance R., deceased (by C. E. Stimson, Jr., administrator), to United States of America, Army. Radio-frequency oscillator amplifier and converter. 3,165,701, 1–12–65, Cl. 325—440.
Jacobsen Mfg. Co.: *See*—
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Jacobsen, Robert K.: *See*—
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Jacobson, Carl H.: *See*—
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Jacobson, David E., and S. Y. Ek, to Wegematic Corp. Wear reduction additives. 3,204,558, 9–7–65, Cl. 102—38.
Jacobson, Edwin B., to Jervis Corp. Remote control for rear-view mirror. 3,183,736, 5–18–65, Cl. 74—501.
Jacobson, Harry. Adjustable garment closure. 3,187,346, 6–8–65, Cl. 2—234.
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Jacobson, Howard W., to E. I. du Pont de Nemours and Co. Process for producing metal oxides in predetermined physical forms. 3,190,723, 6–22–65, Cl. 23—140.
Jacobson, Howard W., to E. I. du Pont de Nemours and Co. Fluidized process for producing carbides. 3,205,042, 9–7–65, Cl. 23—208.
Jacobson, Irvin D., to Perfection Pine Nipple Co. Drain valves and the like. 3,181,555, 5–4–65, Cl. 137—375.
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Jacobson, Leo V., and B. W. Taylor. Amusement and educational device for selectively displaying pictures behind a transparent container containing loose, shiftable pieces. 3,191,340, 6–29–65, Cl. 46—37.
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Jacobson, Ralph S. Strawberry picking thimbles. 3,191,302, 6–29–65, Cl. 30—298.
Jacobson, Robert E., to Radiant Mfg. Corp. Portable projection screen. 3,211,210, 10–12–65, Cl. 160—24.
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Jacobus, Louis. Electrical plug connection protectors. 3,187,293, 6–1–65, Cl. 339—103.
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Jacomet, Arthur H., to The Garrett Corp. Fire retarder and oil barrier. 3,178,153, 4–13–65, Cl. 253—39.
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Robert, Roger A., and Matge. 3,194,119.
Jacuzzi Bros., Inc.: *See*—
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Jaderbrandt, Thorsten, to Aktiebolaget Svenska Flaktfabriken. Electrostatic precipitators. 3,165,388, 1–12–65, Cl. 55—112.
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Lamberton, Ralph E., Lowther, and Redding. 3,186,631.
Jaeken, Jan, to Gevaert Photo-Producten N.V. Photographic colour images from amino substituted phenols. 3,222,176, 12–7–65, Cl. 96—55.

Jaeschke, Ralph L., to Eaton Mfg. Co. Coupling apparatus. 3,170,079, 2–16–65, Cl. 310—105.
Jaeschke, Ralph L., to Eaton Mfg. Co. Electrical couplings. 3,176,175, 3–30–65, Cl. 310—105.
Jaeschke, Ralph L., to Eaton Mfg. Co. Bearing shunt. 3,214,618, 10–26–65, Cl. 310—90.
Jaeschke, Ralph L., and H. E. Wiltsey, to Eaton Mfg. Co. Coupling device for clutch or brake use. 3,221,854, 12–7–65, Cl. 192—84.
Jafelice, Victor M. Pencil sharpening device. 3,208,435, 9–28–65, Cl. 120—94
Jafelice, Victor M. Pillar bracket attachment. 3,223,467, 12–14–65, Cl. 312—253.
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Jaffa, Matthew L. and D. Screen printing method and apparatus. 3,199,447, 8–10–65, Cl. 101—123.
Jaffa, Matthew L. and D. Screen printer in which the squeegee is moved in direction opposite to stencil movement. 3,199,448, 8–10–65, Cl. 101—123.
Jaffa, Matthew L. and D. Method and apparatus for screen printing. 3,199,449, 8–10–65, Cl. 101—129.
Jaffe, Fred. Preparing trioxane epoxide copolymers with trialkyloxonium cocatalysts. 3,207,726, 9–21–65, Cl. 260—67.
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Jaffe, Joseph, to Monsanto Co. Catalyst composition consisting of a plurality of oxides supported on a zirconia and/or hafnia base and process of preparing same. 3,202,618, 8–24–65, Cl. 252—469.
Jaffe, Myron, and L. Bricker, to Admiral Chair Co. Temporary floor construction. 3,192,574, 7–6–65, Cl. 20—8.
Jaffee, Daniel L., to Vitro Corporation of America. Control mechanism. 3,199,482, 8–10–65, Cl. 114—16.
Jaffee, Edward E., and R. L. Sweet, to E. I. du Pont de Nemours and Co. Process for preparing quinocridonequinones. 3,185,694, 5–25–65, Cl. 260—279.
Jaffee, Robert I., D. N. Williams, E. S. Bartlett, and E. F. Bradley, to United Aircraft Corp. High temperature columbium base alloys. 3,193,385, 7–6–65, Cl. 75—174.
Jaffee, Robert I., H. R. Ogden, and D. J. Maykuth, to Crucible Steel Co. of America. Titanium-high aluminum alloys. 3,203,794, 8–31–64, Cl. 75—175.5.
Jaffree, John H., and D. A. Sutton, to Caps (Research) Ltd. Mountings for adjusting the location of a source of light in an optical path. 3,168,986, 2–9–65, Cl. 240—44.2.
Jafs, Daniel, to A. Ahlstrom Osakeyhtio. Procedure for evaporating waste lye from pulp. 3,179,159, 4–20–65, Cl. 159—47.
Jagdmann, Edwin F., to Ford Motor Co. Filter assembly for transmissions. 3,168,468, 2–2–65, Cl. 210—168.
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Jager, Albert, and H. Peissker, to Schering, A.G. Synergistic mixtures of insecticides. 3,203,853, 8–31–65, Cl. 167—30.
Jager, Heinz, to Wedag Westfalia Dinnendahl Groppel Aktiengesellschaft. Apparatus for the preheating of raw cement material. 3,207,494, 9–21–65, Cl. 263—21.
Jager, Holger N., W. Needre, D. E. Gillis, and T. M. N. Wood, to Standard-Thomson Corp. Liquid dispensing apparatus for small quantities. 3,164,304, 1–5–65, Cl. 222—192.
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Jagger, Ernest T., and E. I. Hunter, to George Angus & Co. Ltd. Moulding articles. 3,195,180, 7–20–65, Cl. 18—5.
Jagiello, Leonard T., to United States of America, Navy. Method of casting solid propellant rocket motors. 3,192,289, 6–29–65, Cl. 264—3.
Jagoueix, Robert, to Pierre Guerin, S.A. Cheese making apparatus. 3,221,407, 12–7–65, Cl. 31—49.
Jahn, Carl M. Necked receptacle seal cutter with a ratchet tooth. 3,203,087, 8–31–65, Cl. 30—1.5.
Jahn, Carl M. Tie-rod coupler. 3,203,717, 8–31–65, Cl. 287-111.
Jahn, Carl M. Waler bracket for concrete forms. 3,216,690, 11–9–65, Cl. 248—205.
Jahn, Gunther, to Siemens-Schuckertwerke Aktiengesellschaft. Electromagnet system for lifting and lowering a rod structure in a tubular housing. 3,185,909, 5–25–65, Cl. 318—135.
Jahn, Marion C., to Colborne Mfg. Co. Pie crust marker. 3,171,315, 3–2–65, Cl. 83—331.
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Jaickles, Enrique F. Perpetual movable calendar. 3,166,862, 1–26–65, Cl. 40—109.
Jaime, Yves F. J. Handbag adapted to be transformed into a tent. 3,173,435, 3–16–65, Cl. 135—4.
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Jakes, William C., Jr., to Bell Telephone Laboratories, Inc. Cassegrainian antenna with aperture blocking correction. 3,195,137, 7–13–65, Cl. 343—756.
Jakeway, Gerald V., to Keeler Brass Co. Door handles. 3,194,596, 7–13–65, Cl. 292—336.3.
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Jakob, Franz, to Agfa Aktiengesellschaft. Automatic camera with self-timer. 3,188,933, 6–15–65, Cl. 95—53.6.
Jakob, Franz, and R. Knorr, to Agfa Aktiengesellschaft. Control arrangement for automatic cameras. 3,171,339, 3–2–65, Cl. 95—64.
Jakob, Franz, and J. Spatz, to Agfa Aktiengesellschaft. Camera having a built-in flash-bulb arrangement. 3,172,345, 3–9–65, Cl. 95—11.
Jakob, Franz, and K. Wagner, to Agfa Aktiengesellschaft. Camera capable of being operated in a fully automatic or semi-automatic manner. 3,182,575, 5–11–65, Cl. 95—10.
Jakob, Franz, and R. von Sybel, to Agfa Aktiengesellschaft. Flash structure for photographic camera. 3,220,328, 11–30–65, Cl. 95—11.5.
Jakob, Fritz, W. Ruckdeschel, and M. Seidel, to Gesellschaft fur Linde's Eismaschinen Aktiengesellshaft. System for providing gas separation products at varying rates. 3,174,293, 3–23–65, Cl. 62—39.
Jakob, Robert H., to California Research Corp. Cyclic crystallization process. 3,219,722, 11–23–65, Cl. 260—674.
Jakobsson, Stig V., to Goteborgs Verkstadsindustri AB. Double fired heating boiler. 3,213,832, 10–26–65, Cl. 122—2.
Jakowatz, Charles V., to General Electric Co. Quantized-analogue multiplier. 3,168,645, 2–2–65, Cl. 235—194.
Jakowatz, Charles V., to General Electric Co. Self adapting filter for waveforms similar in shape. 3,214,699, 10–26–65, Cl. 328—149.
Jakowchuk, Walter, to Mead Specialties Co., Inc. Pneumatic motor. 3,190,182, 6–22–65, Cl. 91—2.
Jakubas, Wladyslaw J., to Automatic Electric Laboratories, Inc. Magnetic memory unit. 3,173,133, 3–9–65, Cl. 340—174.
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James, Albert L., to National Distillers and Chemical Corp. Extrusion method and apparatus. 3,175,026, 3–23–65, Cl. 264—210.
James, Bertram G.: *See*—
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James, David H., to The Brown Engineering Co., Inc. Printed circuit board connector. 3,173,732, 3–16–65, Cl. 339—17.
James, David R., to William & James (Oil Tools) Ltd. Fluid-pressure operated equipment and methods of utilising such equipment. 3,205,786, 9–14–65, Cl. 91—342.
James, Dennis B., to Bell Telephone Laboratories, Inc. Multidiode coincidence detector. 3,202,983, 8–24–65, Cl. 340—347.
James, Dennis B., to Bell Telephone Laboratories, Inc. Diode logarithmic encoder. 3,219,994, 11–23–65, Cl. 340—347.

James, Dennis B., to Bell Telephone Laboratories, Inc. Time division telephone signaling. 3,226,484, 12–28–65, Cl. 179—15.

James, Donald A., J. B. Kennedy, B. McKim, and H. A. Sheppard, to Bell Telephone Laboratories, Inc. Preferred customer communication system. 3,190,966, 6–22–65, Cl. 179—18.

James, Donald N., and P. B. Spranger, to The Bendix Corp. A.C. amplitude control employing a capacitor discharged by a variable conductance element in response to an output condition. 3,218,546, 11–16–65, Cl. 323—93.

James, Donald R., to Citrus Equipment Corp. Apparatus for recovery of citrus peel oil. 3,183,825, 5–18–65, Cl. 100—98.

James, Donald R., to Brown Citrus Machinery Corp. Citrus juice extracting machine having means for separating juice and pulp from peel. 3,183,955, 5–18–65, Cl. 146—3.

James, Dwight C., to Martin-Marietta Corp. Failure detection circuits for redundant systems. 3,226,569, 12–28–65, Cl. 307—88.5.

James, Earl G., to Hercules Powder Co. Heat-sealable polypropylene film and method for producing same. 3,202,528, 8–24–65, Cl. 117—47.

James, Edward L., M. A. Rickards, and W. J. Sieber, to Weber Aircraft Corp. Ejection seat arrangement. 3,214,117, 10–26–65, Cl. 244—122.

James Electronics Inc.: *See*—
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James, Frazier N., Sr., and A. F. Osburn, said Osburn assor to said James. Vending machine. 3,191,737, 6–29–65, Cl. 194—4.

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James, George R.: *See*—
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James, Harold M. External cardiac massage training device. 3,209,469, 10–5–65, Cl. 35—17.

James, Harry A., to The Ryan Aeronautical Co. Combined ducted fan door and wing flap. 3,171,613, 3–2–65, Cl. 244—12.

James Industries, Inc.: *See*—
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James, James R., to The Martin Sweets Co., Inc. Spray nozzle having a rectangular high velocity gas outlet and low velocity liquid outlets. 3,199,789, 8–10–65, Cl. 239—424.

James, John B., to International Computers and Tabulators Ltd. Conductor for a thin film matrix employing a driving core connected by resistance wire. 3,200,383, 8–10–65, Cl. 340—174.

James, John B., and W. G. Eyles, to International Computers and Tabulators Ltd. Matrix switching arrangements. 3,210,731, 10–5–65, Cl. 340—166.

James, John B., and B. J. Steptoe, to International Computers and Tabulators Ltd. Testing apparatus for information storage devices. 3,219,922, 11–23–65, Cl. 324—34.

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James, John F., to The Marconi Co. Ltd. Synchronising apparatus for television cameras. 3,165,585, 1–12–65, Cl. 178—69.5.

James, John J., to Diamond Expansion Bolt Co., Inc. Clamping device. 3,177,542, 4–13–65, Cl. 24—125.

James, John J., and C. H. Bunker, to Diamond Expansion Bolt Co., Inc. One-piece bolt anchor. 3,216,304, 11–9–65, Cl. 85—72.

James, John O., to Hamilton Watch Co. Timepiece movement for inertial system. 3,186,156, 6–1–65, Cl. 58—28.

James, Kenneth: *See*—
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James, Lee: *See*—
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James, Lee F. Lubricator having valve, conduit and atomizer junction means. 3,188,010, 6–8–65, Cl. 239—412.

James, Michael J., to Micro and Precision Mouldings (Cheltenham) Ltd. Door latches. 3,193,315, Cl. 292—169.

James, Michael J., to Micro and Precision Moulding (Cheltenham) Ltd. Door latches. 3,208,785, 9–28–65, Cl. 292—337.

James, Owen W., and E. P. Waters, to Bethlehem Steel Corp. Obtaining improved surface finishes on double reduced material. 3,200,629, 8–17–65, Cl. 72—201.

James, Paul L. Method of sewing elastic stitches. 3,221,689, 12–7–65, Cl. 112—262.

James, Robert L., to The Bendix Corp. SCR fed motor control system. 3,192,462, 6–29–65, Cl. 318—345.

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Jayne, William M., Jr., to Union Carbide Corp. Process for grinding rubber. 3,190,565, 6–22–65, Cl. 241—22.
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Jeannin, Robert A. A., to Accumulateurs Fixes et de Traction (Societe Anonyme) Societe des. Process and apparatus for coating and sintering of strip material for electrodes. 3,203,831, 8–31–65, Cl. 117—230.
Jeansson, Rudolf M. F., and U. O. L. Thomee. Apparatus for measuring the distance between fixed points. 3,188,741, 6–15–65, Cl. 33—138.
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Jeep, Charles W., Jr., and E. W. Niemeyer, to ACF Industries Inc. Fluid pressure operated switch with loose, flexible diaphragm. 3,225,158, 12–21–65, Cl. 200—83.
Jeeves, Terry A., to Westinghouse Electric Corp. Nor shift register. 3,195,053, 7–13–65, Cl. 328—37.
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Jeger, Oskar, and K. Schaffner, to Ciba Corp. Process for the manufacture of 10-acyloxy-19-nor-steroids. 3,178,461, 4–13–65, Cl. 260—397.4.
Jeger, Oskar, D. Arigoni, G. Anner, C. Meystre, and A. Wettstein, to Ciba Corp. Process for the production of 18:20-oxido steroids of the pregnane series. 3,205,225, 9–7–65, Cl. 260—239.55.
Jeger, Oskar, and K. Schaffner, to Ciba Corp. Process for the manufacture of 19-nor-steroids. 3,211,760, 10–12–65, Cl. 260—397.3.
Jeger, Oskar, and K. Schaffner, to Ciba Corp. β-Homo-steroids and process for their manufacture. 3,211,763, 10–12–65, Cl. 260—397.4.
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Jenkin, William C., to Union Carbide Corp. Method and apparatus for obtaining release of gas plated metal deposits from substrate surfaces. 3,176,356, 4–6–65, Cl. 22—57.3.
Jenkin, William C., to The Commonwealth Engineering Co. of Ohio. Process of making metal strips and sheets from waste metal. 3,196,003, 7–20–65, Cl. 75—62.
Jenkin, William C., to Union Carbide Corp. Apparatus for gas plating bulk material to metallize the same. 3,213,827, 10–26–65, Cl. 118—49.5.
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Jenkins, Donald G., and B. E. Clapson, to British Nylon Spinners Ltd. Crimping synthetic thermoplastic yarns. 3,196,602, 7–27–65, Cl. 57—157.
Jenkins, Ford M., and J. A. Bitzer, to General Mills, Inc. Synthetic sponge and method of making same. 3,165,418, 1–12–65, Cl. 106—122.

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Jenkins, Henry H., R. C. Singleton, and L. J. Mowry, to Gregory Industries, Inc. Setting tool. 3,173,287, 3–16–65, Cl. 72—467.

Jenkins, Herbert A. H., to Hooker Chemical Corp. Method of coating with a phosphoric acid activated lacquer composition. 3,210,219, 10–5–65, Cl. 148—6.15.

Jenkins, Homer T. Multipurpose hand tool arrangement. 3,221,485, 12–7–65, Cl. 56—400.06.

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Jenkins, Lloyd T., to Monsanto Co. Complex catalysts comprising organometallic compound metallic halides and dioxane for the polymerization of polar monomers. 3,210,329, 10–5–65, Cl. 260—88.7.

Jenkins, Lonnie W., to United States of America, Army. Strain gauge profilometer. 3,193,940, 7–13–65, Cl. 33—174.

Jenkins, Lonnie W., and T. H. Pratt, to United States of America, Army. Method and apparatus for determining the integrity of a solid propellant rocket motor. 3,181,246, 5–4–65, Cl 33—174.

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Jenkins, Peter J., to Dunlop Rubber Co. Ltd. Segmental conveyor belt. 3,181,690, 5–4–65, Cl. 198—193.

Jenkins, Peter J., to Dunlop Rubber Co. Ltd. Pneumatic tire. 3,183,956, 5–18–65, Cl. 152—191.

Jenkins, Richard L., and C. D. Cory, Jr., to General Motors Corp. Automatic frequency control with compensation for variable supply voltage. 3,189,830, 6–15–65, Cl. 325—492.

Jenkins, Richard S., to Admiral Corp. Radar bright display system. 3,200,196, 8–10–65, Cl. 178—6.8.

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Jenkins, Robert H., to Superior Concrete Accessories, Inc. Concrete anchoring insert and method of preventing concrete seepage therein. 3,216,171, 11–9–65, Cl. 52—741.

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Jenkins, Thomas E., to General Electric Co. Dishwasher having cabinet configuration for use beneath kitchen sink and disposer. 3,179,481, 4–20–65, Cl. 312—223.

Jenkins, Walter F. Motorcycle pontoons. 3,215,114, 11–2–65, Cl. 115—1.

Jenkins, Walter W., to The National Acme Co. Angular cutting machine. 3,181,399, 5–4–65, Cl. 82—11.

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Jenkins, William J., to United States of America, Atomic Energy Commission. Method of dissolving plutonium with sulfamic acid. 3,208,817, 9–28–65, Cl. 23—14.5.

Jenkner, Herbert, to Kali-Chemie Aktiengesellschaft. Process of producing boranes. 3,165,381, 1–12–65, Cl. 23—204.

Jenkner, Herbert, and H. W. Schmidt, to Kali Chemie Aktiengesellschaft. Preparation of sodium borohydrides. 3,222,121, 12–7–65, Cl. 23—14.

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Jenner, Myron. Package. 3,182,791, 5–11–65, Cl. 206—56.

Jenner, Ray R., to Mechanical Products, Inc. Circuit breaker compensated for ambient temperature and for the activity factor of the current responsive element. 3,182,152, 5–4–65, Cl. 200—116.

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Jenniges, Lawrence M., and J. G. Hamic, Sr., to Carter Craft, Inc. Furniture and chair bracket construction. 3,224,810, 12–21–65, Cl. 297—451.

Jennings, Alan K., R. D. Cone, and E. Seid, to California Computer Products, Inc. Graphical data recorder system. 3,199,111, 8–3–65, Cl. 346—29.

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Jennings, Edward E., to The Pipe Machinery Co. Coolant discharge device for cutting tool. 3,176,330, 4–6–65, Cl. 10—106.

Jennings, Edward J., and R. J. Tague. Portable ink-removal device for ink rolls. 3,187,670, 6–8–65, Cl. 101—425.

Jennings, Harry C., to Everest & Jennings, Inc. Wheel chair arm lock. 3,174,800, 3–23–65, Cl. 297—416.

Jennings, Henry A., to Monash Industries Proprietary Ltd. Means for dispensing pasty materials from cartridges. 3,220,616, 11–30–65, Cl. 222—327.

Jennings, Irving C., to The Nash Engineering Co. Liquid ring pump. 3,209,987, 10–5–65, Cl. 230—79.

Jennings, Irving C. Pump device. 3,217,975, 11–16–65, Cl. 230—79.

Jennings, Jack W. Automatic deep-fat pressure cooker. 3,187,664, 6–8–65, Cl. 99—329.

Jennings, Jo E., to Jennings Radio Mfg. Corp. Push-pull oscillator power supply having parallel-connected transistors. 3,164,784, 1–5–65, Cl. 331—113.

Jennings, Jo E., to Jennings Radio Mfg. Corp. Vacuum switch and envelope construction therefor. 3,166,658, 1–19–65, Cl. 200—144.

Jennings, Jo E., to Jennings Radio Mfg. Corp. Envelope construction for vacummized electric switch including means internally providing capacitive voltage division between adjacent terminals. 3,178,541, 4–13–65, Cl. 200—144.

Jennings, Jo E., to Jennings Radio Mfg. Corp. Vacuum switch and internal shielding therefor. 3,178,542, 4–13–65, Cl. 200—144.

Jennings, Jo E., to Jennings Radio Mfg. Corp. Internal shield and seal structure for vacuum sealed switch envelope. 3,189,715, 6–15–65, Cl. 200—144.

Jennings, Jo E., to Jennings Radio Mfg. Corp. High power vacuum fuse. 3,190,986, 6–22–65, Cl. 200—120.

Jennings, Jo E., to Jennings Radio Mfg. Corp. Shield structure for vacuum switches and the like. 3,190,991, 6–22–65, Cl. 200—144.

Jennings, Jo E., to Jennings Radio Mfg. Corp. High power vacuum circuit breaker contacts and arc-extinguishing means therefor. 3,196,236, 7–20–65, Cl. 200—144.

Jennings, Jo E., to Jennings Radio Mfg. Corp. Triggering arrangement for a vacuum spark gap. 3,218,499, 11–16–65, Cl. 313—152.

Jennings, Jo E., to Jennings Radio Mfg. Corp. Expansible vacuum envelope for electrical devices. 3,222,484, 12–7–65, Cl. 200—144.

Jennings, John H. Refrigerant subcooling unit. 3,177,929, 4–13–65, Cl. 165—39.

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Jennings, Lyston C., to The New York Air Brake Co. Starting system. 3,218,797, 11–23–65, Cl. 60—19.

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Jennings, Norman T., and J. P. Etcheverry, to International Telephone and Telegraph Corp. Biased seal structure for ball valves. 3,181,834, 5–4–65, Cl. 251—172.

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Jennings, Richard A., to John Ackworthie Ltd. Indexing devices for machine tools. 3,207,007, 9–21–65, Cl. 74—820.

Jennings, Richard P., to Sir James Farmer Norton & Co. Ltd. High speed bar turning machines. 3,216,294, 11–9–65, Cl. 82—38.

Jennings, Roger G., to Pacific Vegetable Oil Corp. Method and apparatus for pre-expansion of plastic foams. 3,181,839, 5–4–65, Cl. 259—8.

Jennings, Roger G., to Pacific Vegetable Oil Corp. Erecting partition walls. 3,182,423, 5–11–65, Cl. 50—70.

Jennings, Roger G., to Pacific Vegetable Oil Corp. Method and apparatus for producing plastic foam. 3,208,958, 9–28–65, Cl. 260—2.5.

Jennings, Samuel J. Cotton picking apparatus. 3,217,475, 11–16–65, Cl. 56—49.

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Jennis, Murray, to H. Goodman & Sons, Inc. Hair curl clip with floating pivotal connection. 3,213,865, 10–26–65, Cl. 132—46.
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Jenny, Frank J. Method of synthesizing aromatic hydrocarbons. 3,176,045, 3–30–65, Cl. 260—673.
Jenny, Frank J. Method for hydrocracking high molecular weight hydrocarbons. 3,200,061, 8–10–65, Cl. 208—58.
Jenny, Rudolf, to Maschinenfabrik Schweiter AG. Device for decreasing yarn tension. 3,199,806, 8–10–65, Cl. 242—128.
Jenny, Rudolf, to Maschinenfabrik Schweiter AG. Control device for a winding machine. 3,224,693, 12–21–65, Cl. 242—35.5.
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Jense, Willem F., to Shell Oil Co. Process for making moldable masonry articles of manufacture. 3,188,226, 6–8–65, Cl. 117—5.3.
Jensen, Aage. Spool valve for the concurrent control of a plurality of motors. 3,224,463, 12–21–65, Cl. 137—625.69.
Jensen, Arthur E. Irrigation apparatus. 3,217,737, 11–16–65, Cl. 137—344.
Jensen, Arthur E. Agricultural wheel construction. 3,218,105, 11–16–65, Cl. 301—53.
Jensen, Arthur J., to Texas Instruments Inc. Semiconductor device enclosure with weld reinforcing ring. 3,184,534, 5–18–65, Cl. 174—52.
Jensen, Arthur S., and M. P. Siedband, to Westinghouse Electric Corp. Stored signal enhancement electron discharge device. 3,176,183, 3–30–65, Cl. 315—11.
Jensen, Arthur S., and M. P. Siedband, to Westinghouse Electric Corp. Pickup tube with dark current supply source. 3,183,400, 5–11–65, Cl. 315—11.
Jensen, Arthur S., and I. Limansky, to Westinghouse Electric Corp. Radiant energy converter. 3,218,196, 11–16–65, Cl. 136—89.
Jensen, Arthur S., and W. G. Reininger, to Westinghouse Electric Corp. Storage tube and target element therefor having an irregular surface. 3,218,496, 11–16–65, Cl. 313—67.
Jensen, Axel E.: *See*—
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Cordis, Nat, and G. S. 3,213,873.
Jensen, Clarence F., to Jensen Industries, Inc. Adjustable mounting for phonograph pickups. 3,176,993, 4–6–65, Cl. 274—24.
Jensen, Cornelius. Question and answer game for the school and home. 3,212,201, 10–19–65, Cl. 35—31.
Jensen, Dennis C. Compensator and relief valve for liquid filled batteries. 3,208,884, 9–28–65, Cl. 136—178.
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Jensen, Finn, to Illinois Railway Equipment Co. Freight car construction with lading tie bars. 3,179,068, 4–20–65, Cl. 105—369.
Jensen, Garold K., and J. E. McGeogh, to United States of America, Navy. Automatic sweep tuning circuit with means to change the range of reactance after each sweep through a sub-band. 3,166,726, 1–19–65, Cl. 334—19.
Jensen, Garold K., and J. E. McGeogh. Active comb filter. 3,170,120, 2–16–65, Cl. 330—117.
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Jensen, Hans H.: *See*—
Trampel, Kurt M., and Jensen. 3,188,907.
Jensen, Helmar O., to Hysteresis Motor Research, Inc. Stator for hysteresis motors. 3,206,629, 9–14–65, Cl. 310—162.
Jensen, Herman G., to The Seeburg Corp. Multiple pricing credit mechanism for coin-responsive equipment. 3,202,256, 8–24–65, Cl. 194—15.
Jensen, Herman G., to The Seeburg Corp. Multiple pricing unit. 3,208,572, 9–28–65, Cl. 194—1.
Jensen, Homer, to Aero Service Corp. Continuous photographic apparatus. 3,176,308, 3–30–65, Cl. 346—107.
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Jensen, James L., to Honeywell Inc. Starting circuit for semiconductor inverters. 3,172,060, 3–2–65, Cl. 331—113.
Jensen, James L., to Honeywell Inc. Electrical high voltage power supply apparatus. 3,213,344, 10–19–65, Cl. 320—1.
Jensen, Jens L. Road construction. 3,213,768, 10–26–65, Cl. 94—14.
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Jensen, Otto G., A. J. Shukis, and J. E. Bagan, to National Biscuit Co. Method of preparing chocolate coatings. 3,199,984, 8–10–65, Cl. 99—23.
Jensen, Pearl M. Garment hanger support for clothesline. 3,193,235, 7–6–65, Cl. 248—317.
Jensen, Peter W., to Ampex Corp. Magnetic tape recording and reproducing system. 3,213,192, 10–19–65, Cl. 178—5.4.
Jensen, Peter W., to Ampex Corp. Tape reproducing system. 3,225,134, 12–21–65, Cl. 178—5.4.
Jensen, Philip B., to Scovill Mfg. Co. Machine for registering work. 3.166,758, 1–26–65, Cl. 1—318.
Jensen, Philip B., to Scovill Mfg. Co. Ornamental snap fasteners. 3,176,361, 4–6–65, Cl. 24—90.
Jensen, Preben W., to American Machine & Foundry Co. Apparatus for separating lengths of can stock. 3,183,754, 5–18–65, Cl. 83—341.
Jensen, Raymond W., and J. E. McDonald; said Jensen assor. to said McDonald. Front loading means for trucks. 3,167,195, 1–26–65, Cl. 214—302.
Jensen, Robert, and C. W. Elsenheimer, to Prentice Corp. Slide fastener stop. 3,210,819, 10–12–65, Cl. 24—205.11.
Jensen, Robert H., deceased; L. E. Jensen, executrix. Portable outlet extension and light. 3,197,631, 7–27–65, Cl. 240—81.
Jensen, Robert M., to A-S-H Industries, Inc. Bag house construction. 3,177,636, 4–13–65, Cl. 55—341.
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Jensen, Sanning C. Self-aligned multiple hammer assembly or hammermills. 3,208,676, 9–28–65, Cl. 241—195.
Jensen, Stanley W., to The Snow Corp. Fender mounting bracket assembly for tractor canopies. 3,205,003, 9–7–65, Cl. 296—102.
Jensen, Warren N., to Stewart-Warner Corp. Shaft support and damping means or eddy current instrument. 3,196,692, 7–27–65, Cl. 73—496.
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Jensen, William T., and W. J. McGinley, to Methode Electronics, Inc. Laminated socket with solder-well terminals. 3,208,034, 9–21–65, Cl. 339—194.
Jenson, Kenneth S., to Preway, Inc. Ventilating hood. 3,176,605, 4–6–65, Cl. 98—115.
Jenson, Kenneth S., to Preway, Inc. Damper device and hood including damper. 3,194,146, 7–13–65, Cl. 98—115.
Jenson, Kenneth S., to Preway, Inc. Vent hood and blower device usable therein. 3,199,435, 8–10–65, Cl. 98—115.
Jenssen, Sverre K., to Rosenblads Patenter, Aktiebolaget. Two unit plate exchanger with end supports. 3,196,937, 7–27–65, Cl. 165—68.
Jente, Fred O. Portable folding chair. 3,214,217, 10–26–65, Cl. 297—45.
Jentet, Maxime L., to Chausson, Societe Anonyme des Usines. Device for the thermic treatment of gases required to undergo a sudden rise and then an abrupt drop in temperature. 3,203,190, 8–31–65, Cl. 62—5.
Jentet, Maxime L., to Societe Anonyme des Usines Chausson. Air-conditioning process and equipment, more particularly for vehicles. 3,209,551, 10–5–65, Cl. 62—160.
Jentet, Maxime L., to Societe Anonyme des Usines Chanson. Cooling system for liquids used in machine tools and similar appliances. 3,213,934, 10–26–65, Cl. 165—106.
Jentoft, Arthur P., and R. A. Evanko, to H. H. Robertson Co. Building outer wall structure. 3,199,258, 8–10–65, Cl. 52—282.
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Jeppsson, Allan, to Svenska Flaktfabriken, Aktiebolaget. Means for connecting thin-walled plane elements. 3,199,901, 8–10–65, Cl. 285—364.
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Jepson, Ivar, to Sunbeam Corp. Electric dry shaver wherein the cutter shaft is mounted in a rubberlike material. 3,206,850, 9–21–65, Cl. 30—43.9.
Jepson, Ivar, to Sunbeam Corp. Vacuum cleaner. 3,210,916, 10–12–65, Cl. 55—471.
Jepson, Ivar, to Sunbeam Corp. Foam generator for rug scrubbing apparatus. 3,218,657, 11–23–65, Cl. 15—50.
Jepson, Ivar, and J. P. Wied, to Sunbeam Corp. Vacuum cleaner. 3,170,184, 2–23–65, Cl. 15—323.

Jepson, Ivar, G. R. Wolter, and H. O. De Boer, Jr., to Sunbeam Corp. Disintegrator and mixer. 3,175,594, 3–30–65, Cl. 146—68.
Jepson, Ivar, and G. R. Wolter, to Sunbeam Corp. Can opener supporting device. 3,176,063, 3–30–65, Cl. 174—52.
Jepson, Ivar, and E. G. Lill, to Sunbeam Corp. Cast aluminum frame for a power operated lawn mower. 3,176,454, 4–6–65, Cl. 56—249.
Jepson, Ivar, and O. Babler, to Sunbeam Corp. Electric dry shaver. 3,181,237, 5–4–65, Cl. 30—34.2.
Jepson, Ivar, G. R. Wolter, and A. F. Ernstberger, to Sunbeam Corp. Vacuum cleaner. 3,188,681, 6–15–65, Cl. 15—337.
Jepson, Ivar, J. R. Cochrane, and R. D. Grahn, to Sunbeam Corp. Electric space heater. 3,189,727, 6–15–65, Cl. 219—377.
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Jepson, Ivar, and F. J. Schuessler, to Sunbeam Corp. Electric dry shaver. 3,196,539, 7–27–65, Cl. 30—43.9.
Jepson, Ivar, and W. L. Chambers, to Sunbeam Corp. Beater ejecting means for an electric food mixer. 3,198,490, 8–3–65, Cl. 259—1.
Jepson, Ivar, and J. P. Wied, to Sunbeam Corp. Cleaning attachment for vacuum cleaner. 3,203,023, 8–31–65, Cl. 15—371.
Jepson, Ivar, and S. R. Kukulski, to Sunbeam Corp. Electrically operated hair clipping and shaving device. 3,203,090, 8–31–65, Cl. 30—34.1.
Jepson, Ivar, and F. J. Schuessler, to Sunbeam Corp. Dry shaver blade having hook-shaped securing means. 3,208,141, 9–28–65, Cl. 30—43.7.
Jepson, Ivar, and S. R. Kukulski, to Sunbeam Corp. Electric dry shaver. 3,213,301, 10–19–65, Cl. 310—38.
Jepson, Ivar, S. J. Dokos, and S. H. Bielak, to Sunbeam Corp. Can opener. 3,216,108, 11–9–65, Cl. 30—4.
Jepson, Ivar, and H. M. Neben, to Sunbeam Corp. Hedge trimmer. 3,217,408, 11–16–65, Cl. 30—166.
Jepson, Ivar. Electric lawn mower with improved grounding means. 3,217,824, 11–16–65, Cl. 180—65.
Jepson, Ivar, and J. P. Wied, to Sunbeam Corp. Hanger strap for vacuum cleaner hose. 3,220,041, 11–30–65, Cl. 15—323.
Jepson, Ivar, H. O. De Boer, Jr., and G. R. Wolter, to Sunbeam Corp. Hair dryer. 3,220,119, 11–30–65, Cl. 34—99.
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Jeremiah, Earl E., to National Can Corp. Machine for palletizing cans. 3,219,203, 11–23–65, Cl. 214—6.
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Jerome, Jack, and R. E. Wright, Jr., to Marine Steel Corp. Hatch covers. 3,164,403, 1–5–65, Cl. 292—256.5.
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Jesse, Dale R., and W. G. Crocker, to Union Carbide Corp. Cascade drier for dewatering and drying pellet-water slurries. 3,199,215, 8–10–65, Cl. 34—69.
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Jiminez, Roberto J. Serialograph with spaced carriers for movable X-ray film cassettes in shielded trays. 3,188,466, 6–8–65, Cl. 250—66.
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Jobe, Garland R., to Bell Telephone Laboratories, Inc. Vibration resistant bolt fastener. 3,189,075, 6–15–65, Cl. 151—7.
Jobe, Thornley C., and E. J. Evans, to Radio Corp. of America. Remote control system. 3,218,388, 11–16–65, Cl. 178—5.8.
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Joch, Josef, M. Kaspar, and O. Kase, to Sdruzeni podniku textilniho strojirenstvi. Device for thermal fixation of synthetic cables. 3,225,454, 12–28–65, Cl. 34—65.
Joche, Alfred J., and H. C. Glesmann, to International Harvester Co. Hydraulic lift for dozer blade. 3,214,138, 10–26–65, Cl. 254—124.
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John, Willibald, and P. Lange, to Metallgesellschaft Aktiengesellschaft. Process for hardening carbonaceous briquettes. 3,172,823, 3–9–65, Cl. 202—26.
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Johns, Iral B., and H. R. Di Pietro, to Monsanto Research Corp. Polymeric chelates of bivalent metals and tris(hydroxyaryl)-s-triazines. 3,211,698, 10–12–65, Cl. 260—47.
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Johns, Robert H. Helical spring type connector. 3,210,722, 10–5–65, Cl. 339—256.

Johns, Robert R., W. E. Standley, R. B. Wittmann, and J. E. Karlovitz, to Johns Nigrelli-Johns, Inc. Cover opener for abutted cases. 3,224,166, 12–21–65, Cl. 53—382.

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Johns, Russell B. Multiple egg broiler. 3,223,025, 12–14–65, Cl. 99—377.

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Johnson, Albert H. Continuous series of envelopes. 3,208,663, 9–28–65, Cl. 229—69.

Johnson, Alfred, to William Asquith, Ltd. Locking means for a radial arm drililng machine. 3,171,512, 3–2–65, Cl. 188—71.

Johnson, Alfred H., to International Business Machines Corp. Method of forming and pulling contact terminals into an electrical receptacle. 3,191,271, 6–29–65, Cl. 29—155.55.

Johnson, Allen O., to Whirlpool Corp. Adjustable cantilever shelves. 3,212,836, 10–19–65, Cl. 312—351.

Johnson, Allie, and R. D. Choate. Bagging machine. 3,208,194, 9–28–65, Cl. 53—190.

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Johnson, Arthur F. Purification of aluminum. 3,168,394, 2–2–65, Cl. 75—68.

Johnson, Arthur F., to Independence Foundation. Process for the recovery of iron and uranium from slags, boiler waste and the like. 3,175,900, 3–30–65, Cl. 75—84.1.

Johnson, Arthur F., to Anderson Tool & Mfg. Co. Loose-leaf binding mechanism. 3,205,895, 9–14–65, Cl. 139—24.

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Johnson, Arthur R., and O. E. Petersen, to Admiral Corp. Transistorized regulated D.C.-D.C. converter. 3,192,464, 6–29–65, Cl. 321—2.

Johnson, Arthur W. Billet turner accessory for rolling mills. 3,185,329, 5–25–65, Cl. 214—340.

Johnson, Arthur W., to Youngstown Foundry & Machine Co. Workpiece loading and unloading apparatus. 3,200,679, 8–17–65, Cl. 82—2.5.

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Johnson, Bertil L. Connecting structure for timbers. 3,189,950, 6–22–65, Cl. 20—4.

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Johnson, Carl E. Instrument for determining angles. 3,197,872, 8–3–65, Cl. 33—75.

Johnson, Carl E., Jr., and A. P. Tudge, to California Research Corp. Thermal additive waterflooding method. 3,204,694, 9–7–65, Cl. 166—11.

Johnson, Carl R., and C. H. Propster, Jr., to General Electric Co. System for synchronizing punched card readers. 3,173,000, 3–9–65, Cl. 235—61.11.

Johnson, Carl T., to Radio Corp. of America. Electron tube mount including two electrodes supported on a common insulating header. 3,179,837, 4–20–65, Cl. 313—260.

Johnson, Carl T., and I. E. Smith, to Radio Corp. of America. Cathode mount and method of fabrication. 3,172,002, 3–2–65, Cl. 313—341.

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Johnson, Lawrence A., ½ to G. Johnson. Spirit level. 3,190,010, 6–22–65, Cl. 33—211.

Johnson, Lawrence A., ½ to George Johnson. Ejector for molded pieces. 3,213,490, 10–26–65, Cl. 18—2.

Johnson, Lee D., to Kentron Hawaii, Ltd. Control apparatus. 3,200,206, 8–10–65, Cl. 179—100.1.

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Johnson, Leonard E., Jr. Folding door hinge. 3,177,519, 4–13–65, Cl. 16—137.

Johnson, Leonard E., Jr. Supporting means for folding doors. 3,206,794, 9–21–65, Cl. 16—151.

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Johnson, Leonard W., K. E. Senser, and C. E. Pellino, to Sears, Roebuck and Co. Garment waistband. 3,221,346, 12–7–65, Cl. 2—236.

Johnson, Leopold J., to Lear Siegler, Inc. Voltage stabilizer. 3,176,214, 3–30–65, Cl. 323—45.

Johnson, Leopold J., to Lear Siegler, Inc. Control apparatus for the parallel operation of alternators. 3,185,857, 5–25–65, Cl. 307—57.

Johnson, Le Roy E.: *See*—
De Boer, Clarence, Dietz, Johnson, Eble, and Hoeksema. 3,207,750.

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Johnson, Lloyd A., and D. E. Marpe, to Sperry Rand Corp. Bidirectional transmission amplifier. 3,170,038, 2–16–65, Cl. 178—71.

Johnson, Lloyd E., to Caterpillar Tractor Co. Brake and reverse drive for gas turbine engines. 3,203,177, 8–31–65, Cl. 60—39.16.

Johnson, Lloyd W. Infant's seat. 3,206,247, 9–14–65, Cl. 297—254.

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Johnson, Louis W. Vibrating apparatus. 3,187,591, 6–8–65, Cl. 74—86.

Johnson, Louis W. Rock crusher with braked head. 3,207,449, 9–21–65, Cl. 241—214.

Johnson, Lowell E., to The Babcock & Wilcox Co. Vapor generating apparatus. 3,174,464, 3–23–65, Cl. 122—235.

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Johnson, Marvin H. Method of mounting screen material in screen frames. 3,213,897, 10–26–65, Cl. 140—109.

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Johnson, Maurice W., to North American Philips Co., Inc. Voltage stabilization using a plurality of transistors and a Zener diode. 3,201,682, 8–17–65, Cl. 323—22.

Johnson Merle E., and E. F. Ustynik. Adjustment tables. 3,226,106, 12–28–65, Cl. 269—325.

Johnson, Morgan A. Inflatable golf practice target. 3,190,657, 6–22–65, Cl. 273—181.

Johnson, Myles G., and J. R. Godwin, to Celanese Corp. of America. Tow spreading apparatus. 3,220,061, 11–30–65, Cl. 19—66.

Johnson, Nels A., ½ to G. M. Munson. Hydraulic system with automatic flow direction control valve. 3,185,303, 5–25–65, Cl. 210—136.

Johnson, Nils F. Pipe removing tool. 3,176,384, 4–6–65, Cl. 29—280.

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Johnson, Norris L., 50% to C. C. Wetzel. Picture hanging apparatus. 3,169,738, 2–16–65, Cl. 248—31.

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Johnson, Paul B. Internal combustion engine. 3,181,511, 5–4–65, Cl. 123—16.

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Johnson, Paul H., to Phillips Petroleum Co. Carbon black process. 3,206,285, 9–14–65, Cl. 23—209.4.

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Brady, Francis E., Jr., and Johnson. 3,186,203.
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Johnson, Philip C., to F. & F. Koenigkramer Co. Method of making safety side rails. 3,197,852, 8–3–65, Cl. 29—446.
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Johnson, Richard D. Automatic water treatment system. 3,217,885, 11–16–65, Cl. 210—134.
Johnson, Richard H., to Stone Container Corp. Book mailing folder. 3,179,325, 4–20–65, Cl. 229—40.
Johnson, Richard L., and H. L. Schiff, deceased; M. H. Schiff, administratrix, to United States of America, Army. Mast. 3,196,991, 7–27–65, Cl. 189—26.
Johnson, Richard M., to United States of America, Air Force. Energy absorbent structure. 3,195,686, 7–20–65, Cl. 188—1.
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Johnson, Robert K., and R. J. Cicconi. Recessed head screw. 3,170,364, 2–23–65, Cl. 85—45.
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Johnson, Robert M., to Corning Glass Works. Plasma-jet torch. 3,174,025, 3–16–65, Cl. 219—75.
Johnson, Robert M., and J. C. Manley, to Corning Glass Works. Apparatus for manufacturing electrical components. 3,200,471, 8–17–65, Cl. 29—33.
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Johnson, Ronald L., to Giannini Scientific Corp. Method and apparatus for spraying plastics. 3,179,784, 4–20–65, Cl. 219—76.
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Johnson, Seward W., and W. J. Riley. Device for dispensing and spreading butter and the like. 3,214,781, 11–2–65, Cl. 15—514.
Johnson, Sidney, and C. H. Lewis, Jr., to Metal Hydrides Inc. Compacted aluminum-containing hydrides. 3,222,122, 12–7–65, Cl. 23—14.
Johnson, Sigurd W., to Radio Corp. of America. Method for preparing cured polymeric etch resists using a xerographic developer containing a curable polymer. 3,215,527, 11–2–65, Cl. 96—1.
Johnson, Stanley A. Rotary cutting tool. 3,170,224, 2–23–65, Cl. 29—105.
Johnson, Stanley G., to The Johnson Gage Co. Dimensional gage for large diameters. 3,192,634, 7–6–65, Cl. 33—147.
Johnson, Stanley G., to The Johnson Gage Co. Adjustable gage and gaging element mounting means. 3,222,793, 12–14–65, Cl. 33—199.
Johnson, Stanley G., and A. W. Kurtz; said Kurtz assor. to S. G. Johnson. Concrete forms. 3,205,552, 9–14–65, Cl. 25—130.
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Johnson, Stewart C., to Westinghouse Electric Corp. Oven. 3,209,112, 9–28–65, Cl. 219—10.55.
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Johnson, Thomas B., to H. H. Robertson Co. Plier type tool having a heel member and punch bit for aligning means. 3,184,838, 5–25–65, Cl. 29—271.

Johnson, Thomas H., to Santa Barbara Research Center. Solutions and methods for depositing lead selenide. 3,178,312, 4–13–65, Cl. 117—201.

Johnson, Thomas H., to Santa Barbara Research Center. Method of stabilization of dewar package thin film detectors. 3,185,842, 5–25–65, Cl. 250—83.

Johnson, Tilden W. High speed safety wheel and components therefor. 3,172,447, 3–9–65, Cl. 152—397.

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Johnson, Waldo O., to Weather-Seal, Inc. Tilt window assembly. 3,199,154, 8–10–65, Cl. 20—42.

Johnson, Wallace C., to Olin Mathieson Chemical Corp. Method and apparatus for expanding hollow articles. 3,214,949, 11–2–65, Cl. 72—54.

Johnson, Wallace C., and J. A. Crum, to Olin Mathieson Chemical Corp. Method of making boat hulls. 3,164,894, 1–12–65, Cl. 29—412.

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Johnson, Wallace J. S., to Up-Right, Inc. Locking hook. 3,193,899, 7–13–65, Cl. 24—241.

Johnson, Wallace M., to General Electric Co. Transformer tap winding. 3,185,946, 5–25–65, Cl. 336—181.

Johnson, Wallace M. L. Sectionalizing barrier for automobiles. 3,190,687, 6–22–65, Cl. 296—24.

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Johnson, Walter T., and S. P. Prosen, to United States of America, Navy. Cartridge case. 3,170,401, 2–23–65, Cl. 102—43.

Johnson, Warren C., to Humidaire Corp. Method of and apparatus for humidifying air. 3,178,159, 4–13–65, Cl. 261—128.

Johnson, Wayne R., to Minnesota Mining and Mfg. Co. Phasing system for multiple track recording. Re. 25,809, 6–22–65, Cl. 340—174.1.

Johnson, Wayne R., to Minnesota Mining and Mfg. Co. Noise reduction method for recorded signals. 3,207,854, 9–21–65, Cl. 179—100.2.

Johnson, Wayne R., to Minnesota Mining and Mfg. Co. Cascaded amplifier including coupling networks to produce equalization. 3,208,004, 9–21–65, Cl. 330—153.

Johnson, Wayne R., to Winston Research Corp. Cathode-ray display system. 3,225,137, 12–21–65, Cl. 178—6.7.

Johnson, Wayne R., and C. L. Vice, to Minnesota Mining and Mfg. Co. Magnetic transducing system. 3,201,770, 8–17–65, Cl. 340—174.1.

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Johnson, Willard L., R. G. Millhiser, A. H. Sorensen, and P. Kosar, to Ajem Laboratories, Inc. Abrasive impingement cleaning process. 3,192,677, 7–6–65, Cl. 51—321.

Johnson, William, and W. Watt, to United Kingdom Atomic Energy Authority. Process for making carbon articles from carbon particles and furane derivatives. 3,198,714, 8–3–65, Cl. 202—26.

Johnson, William B.: *See*—
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Johnson, William C., Jr.: *See*—
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Johnson, William E., and J. R. Lairson, to Hydra-Might Co. Percussion type rock drills. 3,183,668, 5–18–65, Cl. 60—51.

Johnson, William E., and J. R. Lairson, to The Hydra-Might Co. Straight line earth drilling apparatus. 3,195,656, 7–20–65, Cl. 173—38.

Johnson, William F., Jr.: *See*—
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Johnson, William G.: *See*—
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Johnson, William R., to Associated Spring Corp. Ring spring. 3,171,641, 3–2–65, Cl. 267—9.

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Johnston, Archibald P. Wire conditioning apparatus. 3,196,656, 7–27–65, Cl. 72—162.

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Johnston, Charles A. Ear swabs. 3,203,418, 8–31–65, Cl. 128—269.

Johnston, Charles R. Freight car construction. 3,185,112, 5–25–65, Cl. 105—409.

Johnston, Charles R. Insulated wall construction. 3,195,699, 7–20–65, Cl. 189—34.

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Johnston, Dale G. Adjustable table structure. 3,179,071, 4–20–65, Cl. 108—144.

Johnston, David B., and N. G. Cristy. Baggage handling turntable assembly. 3,180,483, 4–27–65, Cl. 198—209.

Johnston, Dean A., and C. R. Morrison, to Callery Chemical Co. Continuous process for the manufacture of decaborane. 3,169,829, 2–16–65, Cl. 23—204.

Johnston, Donald N. Gate valve operating mechanism. 3,198,478, 8–3–65, Cl. 251—85.

Johnston, Douglas, to Decatur Foundry & Machine Co. Applicator knife. 3,188,989, 6–15–65, Cl. 111—7.

Johnston, Edward J., to International Harvester Co. Rake tooth mounting bar and rake tooth mounting. 3,171,243, 3–2–65, Cl. 56—400.

Johnston, Edward J., to International Harvester Co. Hay crushing rolls having long substantially cylindrical sections. 3,210,825, 10–12–65, Cl. 29—121.

Johnston, Edward J., and P. J. Peacock, to International Harvester Co. Hay conditioner lifting mechanism. 3,175,343, 3–30–65, Cl. 56—1.

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Johnston, Frank C., and P. Krauss, to General Electric Co. Method of forming apertured hollow insulated busbars. 3,182,381, 5–11–65, Cl. 29—155.5.

Johnston, Frank C., and P. Krauss, to General Electric Co. Busway with resiliently bowed housing. 3,183,299, 5–11–65, Cl. 174—99.

Johnston, Frank L. Golf club including means for aligning the shaft, hosel and striking face. 3,176,987, 4–6–65, Cl. 273—77.

Johnston, Frederick, Jr. Security apparatus for armored cars. 3,169,599, 2–16–65, Cl. 180—82.

Johnston, Glen E., and M. M. Windsor, to Star Cutter Co. Method and apparatus for accurately machining hobs and the like. 3,205,335, 9–7–65, Cl. 219—69.

Johnston, Harold E., and A. S. Kitzes, to Westinghouse Electric Corp. Method of arc-welding. 3,209,122, 9–28–65, Cl. 219—137.

Johnston, Harold L. Electric keyboard shift and unshift. 3,212,702, 10–19–65, Cl. 234—102.

Johnston, Herbert C. Manufacture of motor vehicles for additional protection from radiation hazards. 3,212,809, 10–19–65, Cl. 296—1.

Johnston, Howard, F. H. Norton, and M. S. Tomita, to The Dow Chemical Co. Process for chlorination of dichloromethylpyridines to trichloromethylpyridines. 3,173,919, 3–16–65, Cl. 260—290.

Johnston, Howard, and M. S. Tomita, to The Dow Chemical Co. Polychloropyridines. 3,186,994, 6–1–65, Cl. 260—290.

Johnston, Howard, and P. D. Oja, to The Dow Chemical Co. High energy propellant and process employing hydrazines and nitro compounds. 3,213,609, 10–26–65, Cl. 60—35.4.

Johnston, Howard, and M. S. Tomita, to The Dow Chemical Co. Chlorination of aminochloropyridine compounds. 3,224,950, 12–21–65, Cl. 204—158.

Johnston, Howard T. Dry fertilizer spreader. 3,188,094, 6–8–65, Cl. 275—6.

Johnston, Hugh W., to Union Carbide Corp. Hydrocarbylmercaptoethyl substituted silicon compounds. 3,170,940, 2–23–65, Cl. 260—448.2.

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Johnston, Loyal L., to Herman Pneumatic Machine Co. Mold forming apparatus and method. 3,169,284, 2–16–65, Cl. 22—17.
Johnston, Loyal L., to Herman Pneumatic Machine Co. Mold forming method and apparatus. 3,221,377, 12–7–65, Cl. 22—17.
Johnston, Raymond, to Chrysler Corp. Glass tempering nozzle. 3,199,969, 8–10–65, Cl. 65—348.
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Johnstone, Robert D., and D. C. Kofahl, to Richfield Oil Corp. Well drilling and production apparatus and method. 3,219,117, 11–23–65, Cl. 166—66.5.
Johnstone, Robert F., to Crane Canada Ltd. Two-way pulp stock valve. 3,170,670, 2–23–65, Cl. 251—172.
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Joly, Jean L. A., to Telemecanique Electrique, La. Busduct equipment with polarized elements and conduit shell joining means. 3,207,839, 9–21–65, Cl. 174—72.
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Jones, Allen P., W. W. Jett, and J. A. Zitz, to FMC Corp. Web winding apparatus. 3,224,702, 12–21–65, Cl. 242—68.4.
Jones, Alvin J., and A. E. Pirman, to The Motch & Merryweather Machinery Co. Tool path control mechanism. 3,180,076, 4–27–65, Cl. 60—10.5.
Jones, Alvin J., and P. E. Forster, to The Motch & Merryweather Machinery Co. Tool path control mechanism. 3,203,281, 8–31–65, Cl. 77—1.
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Jones, Billie R., to United States of America, Air Force. Intensity control for oscilloscope display. 3,206,633, 9–14–65, Cl. 315—22.
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Jones, Charles, to Curtiss-Wright Corp. Air cooling system for rotary combustion engine. 3,196,855, 7–27–65, Cl. 123—8.
Jones, Charles, and P. Fisch, to Curtiss-Wright Corp. Oil seal construction for rotary combustion engine. 3,180,563, 4–27–65, Cl. 230—145.
Jones, Charles, G. Bonner, and A. H. Raye, to Curtiss-Wright Corp. Multi-unit rotary mechanism. 3,193,187, 7–6–65, Cl. 230—145.

Jones, Charles E., to Phillips Petroleum Co. Electrical measuring apparatus. 3,219,803, 11–23–65, Cl. 235—92.
Jones, Charles H., J. H. Thompson, and G. R. Douglas, to Westinghouse Electric Corp. Angular velocity measuring device. 3,182,512, 5–11–65, Cl. 73—505.
Jones, Charles K., to P & D Sales & Mfg. Co. Tube feeder with feed responsive control means. 3,197,016, 7–27–65, Cl. 198—64.
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Jones, Claude E., Jr., to International Telephone and Telegraph Corp. Magnetic duplicating device. 3,195,143, 7–13–65, Cl. 346—74.
Jones, Clayton C. Audio signal system. 3,204,358, 9–7–65, Cl. 40—42.
Jones, Curtis A., and J. W. Potts, to R-N Corp. Method and means for prevention of re-oxidation of iron concentrates and the like. 3,185,563, 5–25–65, Cl. 75—1.
Jones, Cyril C., to Rotax Ltd. Means for feeding fuel to a combustion chamber. 3,173,373, 3–16–65, Cl. 103—52.
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Jones, Eynon, to Twin Peaks Milk Products, Inc. Process for preserving eggs. 3,212,906, 10–19–65, Cl. 99—161.
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Jones, Fred B., to International Business Machines Corp. Core memory addressing system. 3,183,486, 5–11–65, Cl. 340—166.
Jones, Frederick C., to F. C. Jones and J. C. Ferrante, d.b.a. Nu-Screw Machine Tools. Self-aligning tool holder. 3,174,-168, 3–23–65, Cl. 10—129.
Jones, Fulton J. Odor-control spray device. 3,203,594, 8–31–65, Cl. 222—70.
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Jones, Glen D. Apparatus for making crushed ice. 3,165,-904, 1–19–65, Cl. 62—188.
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Jones, Harold G. Photographic contact printing apparatus. 3,224,353, 12–21–65, Cl. 95—76.
Jones, Harold V. Instrument for checking and inspecting contact lenses. 3,171,883, 3–2–65, Cl. 88—56.
Jones, Harold V. Self-locking fastener. 3,202,194, 8–24–65, Cl. 151—7.
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Jones, Hartl R., to Mojonnier Bros. Co. Vacuum type milk transfer system. 3,187,719, 6–8–65, Cl. 119—14.08.
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Jones, Hobert B. Flexible chain extension or shank for tools with lock link features. 3,188,895, 6–15–65, Cl. 81—177.
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Jones, Hugh R. Replaceable cartridge acoustical muffler. 3,200,902, 8–17–65, Cl. 181—61.
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Boyd, Charles A., Jones, Kartluke, and McKaig. 3,212,-313.
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Jones, James B., to Sonobond Corp. Vibratory welding method and apparatus. 3,209,448, 10–5–65, Cl. 29—470.1.
Jones, James B., and C. F. DePrisco, to Sonobond Corp. Method and apparatus employing vibratory energy for bonding metals. 3,184,841, 5–25–65, Cl. 29—470.
Jones, James B., and W. B. Tarpley, Jr., to Aeroprojects Inc. Method of vibratorily extruding graphite. 3,194,855, 7–13–65, Cl. 264—70.
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Jones, James B., H. L. McKaig, Jr., N. Maropis, and C. A. Boyd, to Aeroprojects Inc. Vibratory energy radiating system. 3,210,724, 10–5–65, Cl. 340—12.

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Jones, Jesse J. Fishing tackle retrievers. 3,186,121, 6–1–65, Cl. 43—17.2.
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Jones, John P., Jr. Water ski towline playout and retrieval apparatus. 3,215,361, 11–2–65, Cl. 242—86.5.
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Jones, John P. B. Sonic emulsifying and homogenization apparatus. 3,169,013, 2–9–65, Cl. 259—4.
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Jones, Lee B. III. Self-adjusting standard. 3,185,423, 5–25–65, Cl. 248—188.3.
Jones, Lee B., III. Roofing connector plate. 3,192,670, 7–6–65, Cl. 50—67.
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Jones, Marvin R., to Cameron Iron Works, Inc. Guide system for underwater wells. 3,220,477, 11–30–65, Cl. 166—46.
Jones, Matthew. Tube failure indicator. 3,200,391, 8–10–65, Cl. 340—252.
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Jones, Morris C., Jr., to Baker Perkins Inc. Transfer apparatus. 3,174,612, 3–23–65, Cl. 198—20.
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Whiteford, Carlton L. 3,224,576.
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Jorgensen, Michael V., B. E. Albertson, E. J. Michaels, and G. E. Turner, to The Louis Allis Co. Synchronous induction machine. 3,210,584, 10–5–65, Cl. 310—265.
Jorgensen, Oscar H. Steplessly variable power transmission devices. 3,181,381, 5–4–65, Cl. 74—199.
Jorgensen, William H. Machine tool turret having multiple tools. 3,191,260, 6–29–65, Cl. 29—26.
Jorgenson, Gordon V., and G. Voll, to Litton Systems, Inc. Ion drag pumps. 3,212,442, 10–19–65, Cl. 103—1.
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Joseph, Bernard L., to Foamcraft, Inc. Method of assembling resin foam printing member. 3,180,260, 4–27–65, Cl. 101—401.1.
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Joseph, William, to Metro-Goldwyn-Mayer Inc. Machine for making disk phonograph records. 3,186,029, 6–1–65, Cl. 18—5.3.
Josephsen, Roy C., J. R. Tino, and C. R. Fulcher, to W. R. Grace & Co. Plastic bottle. 3,225,950, 12–28–65, Cl. 215—1.
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Josey, Roy E., to The Bendix Corp. Analog-to-digital converter. 3,219,995, 11–23–65, Cl. 340—347.
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Jovanovich, Pete. Self clutching captive closure cap unit. 3,199,751, 8–10–65, Cl. 222—543.
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Joy, Ivan L. Wide range monostable multivibrator. 3,223,856, 12–14–65, Cl. 307—88.5.
Joy, Ivan L., L. D. Long, W. L. More, and T. H. Bickerstaff; to said More as trustee. Electronic alertness control. 3,177,481, 4–6–65, Cl. 340—279.
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La Casse, George N. 3,225,849.
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Juby, Peter F., to Bristol-Myers Co. Substituted N-(4-pyrimidinyl)-6-aminopenicillanic acids. 3,225,058, 12–21–65, Cl. 260—306.7.
Juchnicki, Francis W., and W. A. Merriam. Method of and material for identifying metals. 3,186,798, 6–1–65, Cl. 23—230.
Jucker, Ernst, and R. Suess, to Sandoz Ltd. (also known as Sandoz A.G.). 2-aza-8-oxaspiro [4,5] decane-1,3-diones. 3,170,932, 2–23–65, Cl. 260—326.5.
Jucker, Ernst, and R. Suess, to Sandoz Ltd. 2,8-(para-F-4-oxo-butyl)-diazaspiro[4,5]decane-1,3-diones. 3,198,800, 8–3–65, Cl. 260—294.

Juda, Walter, to Prototech Inc. Electrolytic cell structure. 3,206,332, 9–14–65, Cl. 136—86.
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Judd, Claude I., to Colgate-Palmolive Co. Aminoalkyl-N-benzodioxyl carbamates. 3,185,692, 5–25–65, Cl. 260—268.
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Judd, Thomas E. Centrifugal pumps. 3,190,226, 6–22–65, Cl. 103—103.
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Julian, Clarence L., and R. E. Young, to General Motors Corp. Distributor having centrifugal advance and retard. 3,221,725, 12–7–65, Cl. 123—146.5.
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Kahn, Harry J., to Kaiser Aluminum & Chemical Corp. Bridge construction. 3,181,187, 5–4–65, Cl. 14—73.
Kahn, Henry, and S. E. Horne, Jr., to Goodrich-Gulf Chemicals, Inc. Method of polymerizing butadiene-1,3 hydrocarbons. 3,165,503, 1–12–65, Cl. 260—94.3.
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Kahn, Leonard R. Phase-neutralized limiter, and transmitter neutralization therewith. 3,201,694, 8–17–65, Cl. 325—137.
Kahn, Leonard R. Compatible single-sideband system. 3,212,-008, 10–12–65, Cl. 325—137.
Kahn, Leonard R. Compatible stereophonic transmission and reception systems, and methods and components characterizing same. 3,218,393, 11–16–65, Cl. 179—15.
Kahn, Leonard S., to The Bendix Corp. Single speed and multispeed unitary synchro structure. 3,178,663, 4–13–65, Cl. 336—120.
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Kahn, Simon S., to General American Transportation Corp. Fluteless thread-forming tools. 3,180,202, 4–27–65, Cl. 85—46.
Kahn, Simon S., to General American Transportation Corp. Methods of producing strong threaded anchorages. 3,193,-857, 7–13–65, Cl. 10—1.
Kahn, Simon S., to General American Transportation Corp. Methods of producing strong threaded anchorages. 3,193,-858, 7–13–65, Cl. 10—1.
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Kahn, Simon S., to General American Transportation Corp. Combination thread swaging and fastening screws. 3,213,-742, 10–26–65, Cl. 85—46.
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Kain, Arthur F. Magnetic belt and trainer. 3,169,632, 2–16–65, Cl. 198—193.
Kain, Arthur F. Belt conveyor and magnetic training means. 3,179,240, 4–20–65, Cl. 198—202.
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Kaiser, Robert H., and A. N. Neilands, to Burroughs Corp. Tape take-up means. 3,203,637, 8–31–65, Cl. 242—71.8.
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Kaleta, Theodore. Liquid level switch with normally closed contacts and auxiliary means to maintain contacts in engaged position. 3,167,623, 1–26–65, Cl. 200—84.
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Kannenberg, August J. Safety device for excavations. 3,186,-177, 6–1–65, Cl. 61—41.
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Kanter, Harry, and R. Kallman. Necktie knot device. 3,222,-684, 12–14–65, Cl. 2—153.
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Kao, Lin, to Admiral Corp. Noise protection circuit. 3,182,-123. 5–4–65, Cl. 178—7.3.
Kapalko, Erwin J., to Pittsburgh Plate Glass Co. Coating compositions comprising aldehyde modified amide interpolymer and hydrocarbon soluble cellulose ether. 3,213,047, 10–19–65, Cl. 260—15.
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Kapany, Narinder S., to Optics Technology, Inc. High speed photographic apparatus. 3,223,009, 12–14–65, Cl. 95—11.
Kapany, Narinder S., D. F. Capellaro, and R. G. Ostensen, to SCM Corp. Illumination device. 3,183,815, 5–18–65, Cl. 95—73.
Kapany, Narinder S., to American Optical Co. Method of making a fiber optical bundle. 3,190,735, 6–22–65, Cl. 65—4.
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Kaplan, Clifford F., to Foster Grant Co., Inc. Utility package. 3,184,059, 5–18–65, Cl. 206—80.
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Kaplan, Irving, to Trig-A-Tape Corp. Self-destroying label. 3,221,427, 12–7–65, Cl. 40—2.
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Kaplan, Melvin, to Allied Chemical Corp. Process for producing a rigid polyether-polyurethane foam. 3,215,652, 11–2–65, Cl. 260—2.5.
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Kaplan, Sam H., to The Rauland Corp. Method of exposing a multi-color target structure. 3,211,067, 10–12–65, Cl. 95—1.
Kaplan, Sam H., to Zenith Radio Corp. Photographic method of manufacturing aperture correction screens used in color image reproducers. 3,226,229, 12–28–65, Cl. 96—35.
Kaplan, Stanley. Anchor bolt. 3,171,322, 3–2–65, Cl. 85—77.
Kaplan, Stanley, and A. Genna. Hammerable anchor bolt with deformable serrated apertures. 3,216,305, 11–9–65, Cl. 85—77.
Kapota, Jacob. Adjustable support and guide mechanism for electric iron cord. 3,218,010, 11–16–65, Cl. 248—51.
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Kapp, Benjamin, and R. C. Wilson, to Space Recovery Systems, Inc. Pyrotechnic bridge detonating circuit with zener diode circuit controlling switching of SCR. 3,225,695, 12–28–65, Cl. 102—70.2.
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Kappas, Lawrence: *See*—
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Kappas, Nick, ½ to O. R. Knight, and ¼ to L. Kappas. Archery bow. 3,167,063, 1–26–65, Cl. 124—23.
Kappel, Henry C., to Uni-Valve, Inc. Aerosol valve assembly. 3,166,250, 1–19–65, Cl. 239—337.
Kappel, Henry C. Two piece spray nozzle. 3,178,120, 4–13–65, Cl. 239—600.
Kappel, Mario. Electrolyte for use in the galvanic deposition of bright leveling nickel coatings. 3,206,383, 9–14–65, Cl. 204—49.
Kappeler, Otto, and R. Messner, to Efka-Werke Fritz Kiehn G.m.b.H. Apparatus for filling paper cigarette tubes with tobacco. 3,202,156, 8–24–65, Cl. 131—70.
Kappeller, James J., Jr.: *See*—
Lorentzen, Hans K., Anderle, and Kapeller. 3,170,505.
Kappelmann, Benjamin O., and R. F. Elliott, to Precision Agricultural Machinery Co. Plastic sheet laying and planting machine. 3,180,290, 4–27–65, Cl. 111—85.
Kappelmann, Benjamin O., to Precision Agricultural Machinery Co. Precision planter for plastic sheet plant rows. 3,175,523, 3–30–65. Cl. 111—89.
Kappelmann, Benjamin O., to Precision Agricultural Machinery Co. Mulch sheet perforating apparatus. 3,175,524, 3–30–65, Cl. 111—91.
Kappelmann, Benjamin O., and R. F. Elliott, to Precision Agricultural Machinery Co. Plastic mulch sheet pick-up machine. 3,175,621, 3–30–65, Cl. 171—53.
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Kappen, John W. 3,197,224.
Kappen, John W. and F. E. 3,181,714.
Kappen, John W., deceased; F. E. Kappen administratrix. Material handling apparatus. 3,181,714, 5–4–65, Cl. 214—16.4.
Kappen, John W.; F. E. Kappen, administratrix. Platform truck. 3,197,224, 7–27–65, Cl. 280—36.
Kappis, Friedrich, and J. Wiemer, to Metallgesellschaft Aktiengesellschaft. Hot gas electrofilter. 3,166,389, 1–19–65, Cl. 55—146.
Kappler, Gilbert O. Device for removing irregularities from a ground covering. 3,168,150, 2–2–65, Cl. 172—371.
Kapps, Philip D. Detachable, interchangeable heels. 3,176,-417, 4–6–65, Cl. 36—36.
Kappus, Peter G., to General Electric Co. VTOL aircraft. 3,176,934, 4–6–65, Cl. 244—12.
Kappus, Peter G., to General Electric Co. Fan powered aircraft. 3,212,731, 10–19–65, Cl. 244—12.
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Kaptur, Robert E., to Ford Motor Co. Mounting arrangement with self-compensating roller bearings. 3,202,466, 8–24–65, Cl. 308—207.
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Karakashjan, Zaven O., A. I. Timoshuk, and F. S. Markanov. Hydropneumatic absorbing device. 3,193,112, 7–6–65, Cl. 213—43.
Karalis, Stephen N., J. R. Pies, and C. L. Slattum, to Texas Instruments Inc. Method of making a glass enclosed carbon-film resistor. 3,205,562, 9–14–65, Cl. 29—155.69.
Karalus, Lew W. Recording tape. 3,222,205, 12–7–65, Cl. 117—27.
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Kardaun, Georg, and T. J. van der Gugten, to Stamicarbon N.V. Apparatus for treating coal briquettes and the like. 3,190,814, 6–22–65, Cl. 202—129.
Karden, Karl G., to Atlas Copco Aktiebolag. Impact clutches. 3,179,219, 4–20–65, Cl. 192—30.5.
Kårdén, Karl G., to Atlas Copco Aktiebolag. Method and apparatus for controlling the degree of tightness of bolts or nuts driven by an impact wrench. 3,195,655, 7–20–65, Cl. 173—1.
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Kardon, Bernard. Wetting doll with electrical sounding alarm. 3,190,038, 6–22–65, Cl. 46—232.
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Sassen, Bernard, Mylchreest, and Kargl. 3,167,434.
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Karlher, Donald H., and T. W. Smith. Funis clamp. 3,204,636, 9–7–65, Cl. 128—346.
Kariri, Aviv. Pyrophoric lighter. 3,224,233, 12–21–65, Cl. 67—4.1.
Karisch, Paul E. Lure. 3,187,457, 6–8–65, Cl. 43—42.06.
Karklign, Roman J., and V. K. Berkolde. Method of eliminating bacterial contamination of molasses medium in the production of citric acid by fermentation. 3,202,587, 8–24–65, Cl. 195—36.
Karkut, Henry E., Inc.: *See*—
Karkut, Henry E. 3,192,554.
Karkut, Henry E. 3,197,800.
Karkut, Henry E., to Henry E. Karkut, Inc. Paint applicator. 3,192,554, 7–6–65, Cl. 15—573.
Karkut, Henry E., to Henry E. Karkut, Inc. Combined paint applicator and handle pump. 3,197,800, 8–3–65, Cl. 15—547.
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Karlby, Henning, and W. F. Z. Lee, to Rockwell Mfg. Co. Turbine flowmeter. 3,210,997, 10–12–65, Cl. 73—231.
Karlen, Nial. Weighing device for goods, transported on a continuously movable conveyor path. 3,209,846, 10–5–65, Cl. 177—211.
Karlen, Nial T. Arrangement for weighing oscillatory load. 3,173,503, 3–16–65, Cl. 177—18.
Karlgaard, Wayne A., to General Motors Corp. Shock absorber with dampening fluid flow through piston rod. 3,187,-847, 6–8–65, Cl. 188—88.
Karlik, Laddie. Device for dispensing, coating and cutting paper webs. 3,199,490, 8–10–65, Cl. 118—43.
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Karlsson, Elof K., and E. L. Howell, to International Harvester Co. Protective structure for crop treating apparatus. 3,165,133, 1–12–65, Cl. 146—117.
Karlsson, Elof K., to International Harvester Co. Dust dispersal means. 3,187,491, 6–8–65, Cl. 56—20.
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Wahlstrom, Per B., and Stenberg. 3,216,892.
Karlstrom, Karl A. S., and K. G. Östberg (deceased, by I. J. C. Allard and E. A. M. Östberg, heirs), said heirs of said Östberg assors. to said Karlstrom. Vibrators particularly intended for dental use. 3,199,360, 8–10–65, Cl. 74—87.
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Karmas, George, and I. Scheer, to Ortho Pharmaceutical Corp. 3-thioketals of pregnadiene and method of preparation thereof. 3,192,202, 6–29–65, Cl. 260—239.5.
Karmazin, John. Apparatus and method for manufacturing tube sections for heat exchangers. 3,182,483, 5–11–65, Cl. 72—350.
Karmazin, John. Method of bonding heat exchanger having nested conduit sections. 3,209,440, 10–5–65, Cl. 29—157.3.
Karmazin, John. Method of manufacturing heat exchanger. 3,221,399, 12–7–65, Cl. 29—157.3.
Karmerze, Joseph D., and M. S. Malin, to Lukens Steel Co. Expansible template with hinged skirts. 3,225,395, 12–28–65, Cl. 22—9.
Karmiggelt, Dick, H. M. Schroder, and H. J. M. van Tol, to North American Philips Co., Inc. Photo-electric cell. 3,188,476, 6–8–65, Cl. 250—211.
Karn, Andrew B. Pressure sensitive labels, label stocks, and methods for manufacturing the same. 3,166,186, 1–19–65, Cl. 206—56.
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Karnath, Kurt, G., and K. J. 3,204,985.
Karnath, Kurt, G., and K. J., to M. H. Hoeplis, and said K. J. Karnath. Trailer coupling. 3,204,985, 9–7–65, Cl. 280—504.
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Karnofsky, George B., to Blaw-Knox Co. Endless conveyor freeze concentration and separation system. 3,170,779, 2–23–65, Cl. 62—58.
Karnofsky, George B., to Blaw-Knox Co. Apparatus for the manufacture of vinyl acetate. 3,172,733, 3–9–65, Cl. 23—263.
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Karo, Wolf, to The Borden Co. Method of bonding metal to metal and to other surfaces using a formamide starter for glycol acrylate adhesives. 3,180,777, 4–27–65, Cl. 156—310.
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Karpf, Nikolaus. Cable release connectors for camera shuttters. 3,200,728, 8–17–65, Cl. 95—53.
Karpiej, Chester, by Holley Carburetor Co. Fuel control for spark ignition internal combustion engines. Re. 25,848, 8–31–65, Cl. 123—139.
Karpinsky, Jurij, to Ceskoslovenska Akademie ved. Method of and device for measuring small alternating signals. 3,214,692, 10–26–65, Cl. 325—363.
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Karpus, John T., Jr., to PneumoDynamics Corp. Regulator valve. 3,183,932, 5–18–65, Cl. 137—614.19.
Karr, Philip R., to Thompson Ramo Wooldridge Inc. Time distortion tolerant signalling system. 3,199,106, 8–3–65, Cl. 343—17.2.
Karrberg, Gustaf H., and K. G. E. Derman. Rolling mill for rings. 3,196,651, 7–27–65, Cl. 72—70.
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Kartaschoff, Pierre, to Laboratoire Suisse de Recherches Horlogeres. Means for adjusting a time-measuring system by means of a time-standard. 3,166,888, 1–26–65, Cl. 58—23.
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Karthaus, Otto. Striker assembly for projecting game elements. 3,190,653, 6–22–65, Cl. 273—87.4.
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Boyd, Charles A., Jones, Kartluke, and McKaig. 3,213,-312.
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Kasbohm, Martin L., H. J. Portzer, H. C. Dellinger, and P. D. Franson, to Union Carbide Corp. Acetylene recovery process. 3,174,292, 3–23–65, Cl. 62—12.
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Käsermann, Werner, to Winkler Fallert & Co., Ltd. Printing apparatus. 3,200,742, 8–17–65, Cl. 101—247.
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Kash Products Inc.: *See*—
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Kashergen, Michael J., to Kash Products Inc. Backhoe and bucket incorporated therein, and method of digging earth. 3,195,747, 7–20–65, Cl. 214—138.
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Kashiwabara, Thomas T., to Keuffel & Esser Co. Diazotype reproduction material. 3,199,982, 8–10–65, Cl. 96—49.
Kashiwabara, Thomas T., to Keuffel & Esser Co. Method of developing a negative electrostatic latent image. 3,220,-830, 11–30–65, Cl. 96—1.
Kasidas, Ray C., to Scovill Mfg. Co. Hose coupling. 3,220,-753, 11–30–65, Cl. 285—174.
Kasinkas, Edward M.: *See*—
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Kasparian, Casper, to The Strong Electric Corp. Motor control. 3,200,285, 8–10–65, Cl. 314—68.
Kasparian, George L., to Union Carbide Corp. Plate and fin type heat exchanger. 3,213,933, 10–26–65, Cl. 165—104.
Kasparian, Kaspar R. Pressure can for hot dispensing. 3,217,937, 11–16–65, Cl. 222—146.
Kasparian, Leon. Motion picture production with controlled aspect ratio. 3,176,311, 3–30–65, Cl. 352—38.
Kasper, Frank S., to Amtron Inc. Reverse current motor circuit including dynamic braking. 3,219,899, 11–23–65, Cl. 318—291.
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Kasper, Robert J., and R. F. Seyfried, to The Ohio Crankshaft Co. Automatic induction furnace control. 3,185,811, 5–25–65, Cl. 219—10.77.
Kasperowicz, Henry. Flat color cathode ray tube. 3,226,596, 12–28–65, Cl. 315—21.
Kass, David, to Original Toy Corp. Doll and doll clothing stand. 3,207,094, 9–21–65, Cl. 108—28.
Kass, Gerald H., to Anderson Brass Co. Fluid valve. 3,221,-773, 12–7–65, Cl. 137—637.4.
Kass, Gus S., to Hazel Bishop Inc. Silicone composition. 3,185,627, 5–25–65, Cl. 167—90.
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Kass, Robert E., A. H. Markhart, and E. Lavin, to Shawinigan Resins Corp. Aqueous coating composition of dialdehyde, a pentacrythritol and half ester and process of insulating wire therewith. 3,164,561, 1–5–65, Cl. 260—29.2.
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Kassat, Harry, to GEA Luftkuhlergesellschaft Happel Gesellschaft. Air cooled condenser for distilling apparatus. 3,175,960, 3–30–65, Cl. 202—189.
Kassenbeck, Paul, to Institut Textile de France. Silent electric discharge dyeing of wool. 3,179,482, 4–20–65, Cl. 8—2.
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Vesterdal, Hans G., and Kassinger. 3,223,632.
Kast, Howard B., to General Electric Co. Fluid pressure and spring biased sealed flow control valve. 3,212,752, 10–19–65, Cl. 251—175.
Kastan, Howard, to Lockheed Aircraft Corp. Fuel tank. 3,208,696, 9–28–65, Cl. 244—135.
Kastelic, Frank L., and P. M. Reif, to Harris-Intertype Corp. Pile elevator. 3,172,658, 3–9–65, Cl. 271—62.
Kasten, John E. Screw conveyer for feed mixer. 3,185,449, 5–25–65, Cl. 259—6.
Kasten Mfg. Corp.: *See*—
Towne, Delbert D. 3,176,812.
Towne, Delbert D. 3,223,264.
Kasten, Walter, to The Bendix Corp. Fuel filter water separator element. 3,189,182, 6–15–65, Cl. 210—492.
Kasten, Walter, to The Bendix Corp. Anti-icing filtration unit. 3,200,948, 8–17–65, Cl. 210—184.
Kasten, Walter, to The Bendix Corp. Filter assembly with means to regulate axial compression. 3,207,311, 9–21–65, Cl. 210—137.
Kasten, Walter, to The Bendix Corp. Filter unit. 3,216,572, 11–9–65, Cl. 210—97.
Kasten, Walter, to The Bendix Corp. Fuel quality testing device. 3,223,241, 12–14–65, Cl. 210—96.
Kasten, Walter, and R. L. Landree, to The Bendix Corp. Unitary contamination sensitive fuse and separator element assembly. 3,182,800, 5–11–65, Cl. 210—96.
Kasting, Howard E., to Union Carbide Corp. Thermoplastic film bag. 3,220,601, 11–30–65, Cl. 229—62.5.
Kasting, Howard E., to Union Carbide Corp. Closure structure for thermoplastic bag. 3,220,636, 11–30–65, Cl. 229—57.
Kasting, Howard E., and J. P. Sachs, to Union Carbide Corp. Thermoplastic bag. 3,220,635, 11–30–65, Cl. 229—57.
Kastl, Charles L. Abrading machine tool. 3,222,826, 12–14–65, Cl. 51—358.
Kastl, Uwe: *See*—
Silberkuhl, Wilhem J., Kastl, and Haeussler. 3,207,054.
Kastner, Edward C., and D. L. Dugger, to The Akron Standard Mold Co. Stock cutter-stacker and method. 3,219,338, 11–23–65, Cl. 270—31.
Kasulis, Anthony S. Pneumatic exerciser with pressure gauge. 3,174,343, 3–23–65, Cl. 73—379.
Katagata, Zenji, and N. Masuda, to Dinki Onkyo Kabushiki Kaisha. Transmitted facsimile data transmission system using glow tube and electrofax paper. 3,219,755, 11–23–65, Cl. 178—6.6.
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Aizawa, Bunji, and Katagiri. 3,169,519.
Katagiri, Shinjiro, and S. Ozasa, to Kabushiki Kaisha Hitachi Seisakusho. Apparatus for producing electron microscope and diffraction images separately and simultaneously on the image plane. 3,225,192, 12–21–65, Cl. 250—49.5.
Katagiri, Yasohachi: *See*—
Miyagawa, Kiyoshi, and Katagiri. 3,185,987.
Katakami, Morisaburo, to Kabushiki Kaisha Yokogawa Denki Seisakusho (Yokogawa Electric Works Ltd.). Measuring-counting system for determining and control-circuit for continuously providing exact multiple of unknown frequency input. 3,219,935, 11–23–65, Cl. 328—28.
Katano, Hamako: *See*—
Nakanishi, Kazuo, Katano, and Mizushima. 3,215,685.
Kataoka, Takashi: *See*—
Koibuchi, Masao, and Kataoka. 3,167,450.
Katayama, Mitsuhiko: *See*—
Yabuta, Teijiro, Hiroshi Ikeda, Shiroyanagi, Hatsuko Ikeda, Fujimaki, Katayama, Tsuji, and Sato. 3,221,-009.
Katayama Rivet & Screw Industrial Co., Ltd.: *See*—
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Katchalski, Efraim, and E. (Atara) Bar-Eli. Water insoluble modified enzymes. 3,167,485, 1–26–65, Cl. 195—63.
Katchalsky, Aharon, D. Vofsi, and J. I. Padova. Process for the preparation of adiponitrile by dimerization of acrylonitrile. 3,193,574, 7–6–65, Cl. 260—465.8.
Katchman, Arthur, and G. D. Cooper, to General Electric Co. Process for preparing organopolysiloxanes. 3,175,-994, 3–30–65, Cl. 260—46.5.
Katchur, Michael, Jr. L.P. gas asphalt slick iron. 3,71,466, 3–2–65, Cl. 158—13.6.
Kater, Joseph A., to Bell Telephone Laboratories, Inc. Hermetically sealed capacitor. 3,177,415, 4–6–65, Cl. 317—261.
Kates, Guy S., Jr., to E. I. du Pont de Nemours & Co. Method and apparatus for drawing-frame blending of slivers in the preparation of yarn composed of different lengths of fibers. 3,216,064, 11–9–65, Cl. 19—243.
Kates, Maurice, to Curtiss-Wright Corp. Miniaturized electrical apparatus with combined heat dissipating and insulatinging structure. 3,187,226, 6–1–65, Cl. 317—100.
Kates, Robert A. Portable hunter's blind stand. 3,220,766, 11–30–65, Cl. 297—184.
Kates, W. A., Co.: *See*—
Kates, Willard A. 3,223,115.
Kates, Willard A., to W. A. Kates Co. Flow regulating apparatus. 3,223,115, 12–14–65, Cl. 137—501.
Kath, Alfred W., to R. P. Scherer Corp. Multidose jet injector. 3,202,151, 8–24–65, Cl. 128—173.
Kato, Akira: *See*—
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Kato, Akira, to Mitsubishi Shipbuilding & Engineering Co., Ltd. Spinning pot of centrifugal spinning machine. 3,205,-645, 9–14–65, Cl. 57—76.

Kato, Akira, and R. Kanasaki, to Mitsubishi Shipbuilding & Engineering Co., Ltd. Spinning machine utilizing centrifugal force and flow of air. 3,217,483, 11–16–65, Cl. 57—76.

Kato, Masaji: *See*—
Sumiki, Yusuke, Umezawa, Fukunaga, Yonehara, Kubo, Fujita, Shirato, Takaga, Kato, Esumi, and Ono. 3,183,153.
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Kato, Masumi, and Y. Amano, to Nippon Denso Kabushiki Kaisha. Driving device for a window wiper. 3,197,796, 8–3–65, Cl. 15—250.17.

Kato, Mikio: *See*—
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Kato, Takeshi, and K. Matsuda, to Yawata Iron & Steel Co., Ltd. Process for producing a low-temperature tough steel. 3,208,844, 9–28–65, Cl. 75—49.

Kato, Tetsuya: *See*—
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Tsuchiya, Yoshio, Hayashi, Kato, Yoshikawa, Mori, and Miyasaka. 3,215,687.

Kato, Tsuneo, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for simultaneously producing pure and crude magnesium hydroxide from sea water. 3,197,282, 7–27–65, Cl. 23—201.

Kato, Yoshiaki: *See*—
Tanaka, Kazuo, and Kato. 3,192,701.

Kato, Yoshiaki, and K. Tanaka. Mechanical vibrator for time base. 3,192,702, 7–6–65, Cl. 58—23.

Katoh, Hideo. Dual seat assembly for flush type toilet. 3,210,777, 10–12–65, Cl. 4—235.

Katra, Zbigniew: *See*—
Wesolowski, Korneliusz K., Ryczek, Tochowicz, Katra, Grabowski, Godek, Michalski, and Kijak. 3,203,786.

Kats, Adriaan: *See*—
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Katsuya, Noboru: *See*—
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Kattelmann, Harry R.: *See*—
Stickel, Herbert P., and Kattelmann. 3,214,163.

Katulich, Rudolph. Mirror for vehicles. 3,170,985, 2–23–65, Cl. 88—87.

Katz, Alex J., to Super Sagless Spring Corp. Extensible pull out or davenport beds. 3,173,154, 3–16–65, Cl. 5—13.

Katz, Alex J., to Super Sagless Spring Corp. Beds. 3,184,-765, 5–25–65, Cl. 5—67.

Katz, Alexander, to EFKA Plastic Corp. Plastic die-molding apparatus. 3,200,439, 8–17–65, Cl. 18—4.

Katz, David. Parenteral infusion apparauts having a separable, coupling means. 3,196,872, 7–27–65, Cl. 128—214.

Katz, David. Antiskid means for automotive vehicles. 3,205,-930, 9–14–65, Cl. 152—226.

Katz, Harry S., and J. V. Milewski, to Thiokol Chemical Corp. Composite heat shield. 3,203,849, 8–31–65, Cl. 161—96.

Katz, Helmut, to Siemens & Halske Aktiengesellschaft. Ceramic tube with self-supporting frame grid electrode system. 3,214,625, 10–26–65, Cl. 313—260.

Katz, Herbert M., to United States of America, Atomic Energy Commission. Separation of stainless steel from a nuclear fuel. 3,165,377 1–12–65, Cl. 23—14.5.

Katz, Irving. Anti-skid device. 3,205,929, 9–14–65, Cl. 152—187.

Katz, Jack. Dispenser for cigarette packages, or the like. 3,194,402, 7–13–65, Cl. 211—49.

Katz, Jacob. Lubricants containing amine salts of N-substituted pyrrolidone carboxylic acids. 3,218,264, 11–16–65, Cl. 252—336.

Katz, Joseph J., to United States of America, Atomic Energy Commission. Separation of ruthenium from aqueous solutions. 3,202,479, 8–24–65, Cl. 23—140.

Katz, Kurt, to United States of America, Atomic Energy Commission. Fuel element. 3,167,482, 1–26–65, Cl. 176—68.

Katz, Leonhard: *See*—
Sununu, John H., and Katz. 3,215,194.

Katz, Leonhard, to Astro Dynamics, Inc. Stacked-fin heat sink. 3,205,936, 9–14–65, Cl. 165—80.

Katz, Leonhard, to Astro Dynamics, Inc. Heat sink for electronic devices. 3,216,496, 11–9–65, Cl. 165—185.

Katz, Leonhard, and S. Schweitzer, to Astro Dynamics, Inc. Heat radiator and electric connection apparatus for rectifiers and the like. 3,187,087, 6–1–65, Cl. 174—70.

Katz, Lester, and J. J. Nichols, to United States of America, National Aeronautics and Space Administration. Force measuring instrument. 3,212,325, 10–19–65, Cl. 73—88.5.

Katz, Norman H., and E. G. Kendall, to North American Aviation, Inc. Coated crucible and crucible and mold coating method. 3,180,632, 4–27–65, Cl. 263—48.

Katz, Ronald A.: *See*—
Goldman, Robert N., and Katz. 3,212,062.

Katz, Ronald M., D. A. Koslow, and M. O. Flower, to Max Factor & Co. Lipstick cup locking device. 3,217,869, 11–16–65, Cl. 206—56.

Katz, Solomon, to Strick Trailers, a Division of Fruehauf Trailer Co. Mobile warehouse system. 3,211,313, 10–12–65, Cl. 214—515.

Katz, William J.: *See*—
Lind, Arthur C., Katz, and Mancini. 3,215,276.

Katzbeck, Walter J., and R. R. Gabel, to Corn Products Co. Self-propelling liquid textile sizing composition. 3,181,-961, 5–4–65, Cl. 106—213.

Katzen, Raphael. Fluid mixer. 3,190,618, 6–22–65, Cl. 259—4.

Katzen, Raphael. Process for the preparation of bagasse fibers. 3,216,886, 11–9–65, Cl. 162—28.

Katzenberger, Clarence G. Convertible tractor. 3,170,531, 2–23–65, Cl. 180—9.2.

Katzenberger, Edward F., to United Aircraft Corp. Expandable pod for a helicopter. 3,212,737, 10–19–65, Cl. 244—137.

Katzenberger, Ralph H., to Schwitzer Corp. Vibration damper. 3,174,360, 3–23–65, Cl. 74—574.

Katzenstein, Henry S.: *See*—
Sullivan, Herbert W., and Katzenstein. 3,174,141.

Katzenstein, Miles. Centrifugal clutch. 3,175,666, 3–30–65, Cl. 192—103.

Katzer, Albert E., and R. O. Houghtaling, to General Motors Corp. Method of joining metals. 3,214,564, 10–26–65, Cl. 219—92.

Katzfey, James M.: *See*—
Amthor, Franklin R., Jr., Katzfey, Kanitz, Schaefer, Kodet, and Haban. 3,225,937.

Katzfey, James M., and L. A. Puls, to Hamilton Mfg. Co. Fume hood construction. 3,217,630, 11–16–65, Cl. 98—115.

Katzin, Leonard: *See*—
Eledge, William C., and Katzin. 3,199,066.
Jordan, William D., Jr., and Katzin. 3,206,648.

Katzin, Leonard, to The Bunker-Ramo Corp. Electronic circuit modules having cellular bodies and method of making same. 3,198,990, 8–3–65, Cl. 317—100.

Katzin, Leonard, to The Bunker-Ramo Corp. Modular circuit fabrication. 3,219,886, 11–23–65, Cl. 317—101.

Katzmann, Fred L., to Fairchild Camera and Instrument Corp. Single electron gun time sharing oscilloscopes. 3,178,606, 4–13–65, Cl. 315—22.

Katzmann, Fred L., to Fairchild Camera and Instrument Corp. Combined traveling wave and cathode ray oscilloscope tube. 3,205,397, 9–7–65, Cl. 315—3.

Katzschmann, Ewald, to Chemische Werke Witten G.m.b.H. Process for purification of terephthalic acid. 3,215,734, 11–2–65, Cl. 260—525.

Katzschner, Wolfgang, to Felten & Guilleaume Carlswerk Aktiengesellschaft. Submersible double cylindrical contianer with outer welded covers. 3,201,508, 8–17–65, Cl. 174—50.51.

Kauczor, Hans-Werner: *See*—
Klein, Alfons, and Kauczor. 3,174,933.
Simmler, Walter, and Kauczor. 3,174,987.

Kauder, Otto S., to Argus Chemical Corp. Polyvinyl chloride stabilized with a combination of organo-tin compounds and aromatic nitrogen compounds. 3,222,317, 12–7–65, Cl. 260—45.75.

Kauders, Herbert J., and E. A. Cufone, to The American Agricultural Chemical Co. Conversion of ammonium fluoride to ammonium bifluoride by subatmospheric evaporation of an aqueous solution of ammonium fluoride. 3,212,849, 10–19–65, Cl. 23—88.

Kauer, Erhard, R. Groth, and H. Horster, to North American Philips Co., Inc. Incandescent radiator. 3,206,631, 9–14–65, Cl. 313—14.

Kauer, George C., Jr., and L. E. Brooks, to Air Techniques, Inc. Automatic condensate-removal valve. 3,175,572, 3–30–65, Cl. 137—204.

Käufer, Helmut: *See*—
Schwab, Richard, Birk, and Käufer. 3,170,382.

Kaufer, Helmut, to Agfa Aktiengesellschaft. Process and apparatus for the separation of solid particles. 3,193,411, 7–6–65, Cl. 134—33.

Käufer, Helmut, to Agfa Aktiengesellschaft. Device for printing characters photographically. 3,213,770, 10–26–65, Cl. 95—4.5.

Kauffman, Ivan L., to Ex-Cell-O Corp. Y-slot blank cutting machine. 3,196,704, 7–27–65, Cl. 83—345.

Kauffman, John H., to Herbert Simpson Corp. System for feeding and transporting materials. 3,197,260, 7–27–65, Cl. 302—55.

Kauffman, John H., to Herbert Simpson Corp. System for feeding and transporting materials. 3,197,261, 7–27–65, Cl. 302—55.

Kauffman, Samuel H., and F. D. Vogel, to United States of America, Navy. Method for testing ordnance seals. 3,174,-329, 3–23–65, Cl. 73—40.7.

Kauffmann, John A., to International Business Machines Corp. Magnetic universal logical circuit. 3,226,699, 12–28–65, Cl. 340—174.

Kauffungen, Rudolf: *See*—
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Kaufman, Arthur L., to Bohn Business Machines, Inc. Heating control device. 3,164,717, 1–5–65, 219—388.

Kaufman, Bruce A., to The National Cash Register Co. Tunnel diode systems for pulse logic. 3,169,198, 2–9–65, Cl. 307—88.5.

Kaufman, Bruce A., and J. S. Hammond, III, to The National Cash Register Co. Tunnel diode discrimination circuitry. 3,211,921, 10–12–65, Cl. 307—88.5.

Kaufman, Charles W., to Commercial Solvents Corp. Ammonium nitrate-chromate salt explosive compositions. 3,166,450, 1–19–65, Cl. 149—46.

Kaufman, David M.: *See*—
Kaufman, Stanley R. and D. M. 3,182,351.
Kaufman, Edwin N., to Litton Systems, Inc. Analogue-to-digital converter. 3,211,897, 10–12–65, Cl. 235—154.
Kaufman, Herman S.: *See*—
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Kaufman, Irving, to Thompson Ramo Wooldridge Inc. Harmonic generator utilizing a nonlinear reactance. 3,165,690, 1–12–65, Cl. 321—69.
Kaufman, Irving, to TRW Inc. Microwave electron discharge device having annular resonant cavity. 3,219,873, 11–23–65, Cl. 315—5.25.
Kaufman, Irving, and W. H. Steier, to TRW Inc. Electromagnetic wave energy filtering. 3,212,034, 10–12–65, Cl. 333—73.
Kaufman, Irving, and R. V. Langmuir, to TRW Inc. Microwave power generating by periodic sweep of electron beam along length of resonant waveguide. 3,221,207, 11–30–65, Cl. 315—5.25.
Kaufman, Jules A.: *See*—
John, Charles, Jr., and Kaufman. 3,168,770.
Kaufman, Kurt D. Preparation of alkyl psoralens. 3,201,-421, 8–17–65, Cl. 260—343.2.
Kaufman, Lawrence: *See*—
Robinson, Donald W., Jr., Schultz, and Kaufman. 3,212,-082.
Kaufman Mfg. Co.: *See*—
Dorak, Marvin H. 3,178,740.
Kaufman, Martin H., to United States of America, Navy. Burn inhibitor for fluorocarbon bound propellants. 3,202,-557, 8–24–65, Cl. 149—109.
Kaufman, Maxime G., to United States of America, Navy. Electro-sonic delay line. 3,211,840, 10–12–65, Cl. 179—100.1.
Kaufman, Maxime G., and F. X. Downey, to United States of America, Navy. Data transmission system. 3,171,894, 3–2–65, Cl. 179—2.
Kaufman, Maxime G., and D. W. Lynch, to United States of America, Navy. Space surveillance system with instantaneous resolution of multiple cycle phase ambiguity. 3,217,326, 11–9–65, Cl. 343—113.
Kaufman, Melvin M., to Radio Corp. of America. Monostable tunnel diode circuit coupled through tunnel rectifier to bistable tunnel diode circuit. 3,168,652, 2–2–65, Cl. 307—88.5.
Kaufman, Melvin M., to Radio Corp. of America. Logical AND circuit utilizing a tunnel diode. 3,207,924, 9–21–65, Cl. 307—88.5.
Kaufman, Melvin M., to Radio Corp. of America. Memory circuit employing negative resistance elements. 3,221,180, 11–30–65, Cl. 307—88.5.
Kaufman, Melvin M., to United States of America, Navy. Techniques associated with inductive sensing of tunnel diode memory cells. 3,222,756, 12–14–65, Cl. 29—155.5.
Kaufman, Morris: *See*—
Hare, Wilbert K., and Kaufman. 3,219,196.
Hare, Wilbert K., and Kaufman. 3,219,231.
Panknin, Wallace B., and Kaufman. 3,202,438.
Kaufman, Morris, to Ekco Products Co. Sheet metal receptacle. 3,219,229, 11–23–65, Cl. 220—62.
Kaufman, Morris, and C. F. Luders, to Ekco Products Co. Rack unit. Re. 25,912, 11–23–65, Cl. 211—148.
Kaufman, Myron N.: *See*—
Grodzinsky, Samuel, and Kaufman. 3,165,734.
Kaufman, Myron N., and I. May, to United States of America, Navy. Wake simulator. 3,197,540, 7–27–65, Cl. 35—10.4.
Kaufman, Paul, and H. B. Speaker, to United States of America, Army. Miniature alarm. 3,226,705, 12–28–65, Cl. 340—273.
Kaufman, Sam. Soap dispenser and applicator. 3,173,167, 3–16–65, Cl. 15—552.
Kaufman, Sheldon H.: *See*—
Ehrlich, Sydney M. 3,190,798.
Kaufman, Stanley R. and D. M. Mounting structural members. 3,182,351, 5–11–65, Cl. 16—130.
Kaufman, William: *See*—
Tobias, Edward A., Kaufman, and Tobias. 3,177,831.
Kaufman, William. Dispenser for attachment to a container of granulated material. 3,177,908, 4–13–65, Cl. 141—321.
Kaufman, William M., to Westinghouse Electric Corp. Narrow band rejection filter and tunable monolith for use therein. 3,212,032, 10–12–65, Cl. 333—70.
Kaufmann, Carl P., and E. J. Von Bolhar, to Ellicott Machine Corp. Dredge and tunnel construction apparatus comprising a downwardly inclined housing mounting a cutter and motor therefor. 3,171,219, 3–2–65, Cl. 37—56.
Kaufmann, Carl P., and E. Von Bolhar, to Ellicott Machine Corp. Dredge. 3,218,739, 11–23–65, Cl. 37—56.
Kaufmann, Frank H., to Steel Heddle Mfg. Co. Loom harness. 3,180,367, 4–27–65, Cl. 139—91.
Kaufmann, Frank H., to Steel Heddle Mfg. Co. Heddle frames. 3,209,788, 10–5–65, Cl. 139—92.
Kaufmann, John, to General Precision, Inc. Reversible decimal counter. 3,182,207, 5–4–65, Cl. 307—88.5.
Kaufmann, John J., to Steel Heddle Mfg. Co. Loom harness. 3,220,441, 11–30–65, Cl. 139—92.
Kaufmann, Robert R. Coil spring cutter having resiliently mounted means to separate the coil prior to cutting. 3,186,272, 6–1–65, Cl. 83—18.
Kaufmann, Samuel J.: *See*—
Jaccard, Rene-Philippe. 3,166,887.
Kaufmann, Walter, and G. Dolder. Guiding and retarding means for gaseous stream containing solid and liquid constituents to be separated therefrom. 3,204,394, 9–7–65, Cl. 55—442.
Kaufmann, William F., Jr., to United States of America, Army. Projectile. 3,216,356, 11–9–65, Cl. 102—38.
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Clement, Carl L. 3,223,990.
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Stefanov, Boris. 3,201,713.
Kaul, Arthur A. Left-foot accelerator pedal. 3,199,369, 8–10–65, Cl. 74—562.5.
Kaumagraph Co.: *See*—
Wilson, Henry B., and Mickel. 3,169,458.
Kaup, Otmar, to Gesellschaft fur Linde's Eismaschinen Aktiengesellschaft. Frame for a fork lifting vehicle. 3,198,-278, 8–3–65, Cl. 180—54.
Kaup, Otmar, and F. Forster, to Gesellschaft fur Linde's Eismaschinen Aktiengesellschaft. Hydraulic energy converter. 3,211,106, 10–12–65, Cl. 103—162.
Kaupp, Josef, E. Hambsch, H. Hahne, and E. Welte, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Compositions for the selective combating of monocotyledonous seeds in cultures of useful plants. 3,210,178, 10–5–65, Cl. 71—2.7.
Kaupp, Josef, and H. Klug, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Method for the manufacture of perchlorodiphenylene dioxide. 3,226,-400, 12–28–65, Cl. 260—340.3.
Kautsky, George J.: *See*—
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Kautt & Bux: *See*—
Worner, Anton. 3,179,829.
Worner, Anton, and Gerlach. 3,177,562.
Kautz, Harry P., to Mine and Smelter Supply Co. Overload release mechanisms. 3,196,615, 7–27–65, Cl. 60—51.
Kautz, Wilbert G., to The Aro Corp. Air atomizer for airless spray gun. 3,208,673, 9–28–65, Cl. 239—434.
Kautz, Wilbert G., D. F. German, and C. G. Dominique, to The Aro Corp. Automatic fogspray device. 3,202,363, 8–24–65, Cl. 239—413.
Kavakos, John K. Electrically operated game device. 3,208,-747, 9–28–65, Cl. 273—1.
Kavan, Francis A., G. R. McNeal, and E. P. Jones, to Hoover Ball and Bearing Co. Material spreading and handling trailer. 3,220,740, 11–30–65, Cl. 275—6.
Kavanagh, Charles H., to L. C. Lillibridge. Cultivator rake. 3,168,151, 2–2–65, Cl. 172—372.
Kavanagh, Frank W.: *See*—
Stuart, Frank A., Stewart, Lowe and Kavanagh. 3,189,586.
Stuart, Frank A., Stewart, Lowe, and Kavanaugh. 3,216,940.
Kavin, Melvin: *See*—
Christensen, Ferdinand, Kavin, and Pieter. 3,204,784.
Kawabata, Masayoshi, Y. Murakami, and H. Akamatu, to Tateishi Denki Kabushiki Kaisha. Electromagnetic switch. 3,177,331, 4–6–65, Cl. 200—168.
Kawaguchi, Hiroshi, M. Okanishi, and T. Miyaki, to Bristol-Banyu Research Institute, Ltd. Coumermycin and salts thereof. 3,201,386, 8–17–65, Cl. 260—210.
Kawahara, Fred K., and R. H. Brown, to Standard Oil Co. Preparation of O,O,S-triesters of monothiophosphoric acid. 3,206,493, 9–14–65, Cl. 260—461.
Kawahara, Tom. Dual control device for motor vehicles. 3,202,829, 8–24–65, Cl. 307—10.
Kawahashi, Takeshi, and T. Tomizawa, to Nippon Electric Co., Ltd. Multi-frequency UHF oscillator. 3,173,108, 3–9–65, Cl. 332—29.
Kawahashi, Takeshi, and T. Kuroda, to Nippon Electric Co., Ltd. Mono-oscillator U.H.F. transmitter-receiver. 3,202,-917, 8–24–65, Cl. 325—20.
Kawai, Masakazu, to Maruzen Oil Co. Ltd. Process for the isomerization of xylenes. 3,200,162, 8–10–65, Cl. 260—668.
Kawai, Motochika, and K. Oba, to Nihon Mukiseni Kogyo Kabushiki Kaisha. Process of manufacturing battery separators. 3,210,218, 10–5–65, Cl. 136—148.
Kawai, Nobuo, and T. Otake. Method of producing magnesia clinker using anhydrous magnesium chloride as a mineralizer. 3,218,130, 11–16–65, Cl. 23—201.
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Kawai, Yoshinori, and T. Shibata, to Kabushiki Kaisha Hitachi Seisakusho. Generator voltage regulating apparatus. 3,225,284, 12–21–65, Cl. 322—28.
Kawakami, Masamitsu, to Kabushiki Kaisha Toko Radio Coil Kenkyusho. Electrical vibrator. 3,225,226, 12–21–65, Cl. 310—8.6.
Kawakami, Masamitsu, and M. Onoda, to Kabushiki Kaisha Toko Radio Coil Kenkyusho. Variable-inductance tuner. 3,204,209, 8–31–65, Cl. 336—131.
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Kawamura, Mitsuaki, and S. Nakagawa, to Shin-Mitsubishi Jukogyo Kabushiki Kaisha. Apparatus for stretching thermo-plastic film. 3,195,177, 7–20–65, Cl. 18—1.
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Kawasaki, Shigeo, to Shin Nippon Chisso Hiryo Kabushiki Kaisha. Process for grafting a vinyl compound having epoxy groups onto polypropylene fibers. 3,179,485, 4–20–65, Cl. 8—115.5.
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Kawashima, Masao, and M. Hoshino, to Fujitsu Ltd. High-speed linear sweep circuit. 3,176,162, 3–30–65, Cl. 307—88.5.
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Keaton, Lawrence C., and W. R. King, to Phillips Petroleum Co. Process for wet pelleting of carbon black. 3,186,928, 6–1–65, Cl. 264—117.
Keats, George H., to The Perkin-Elmer Corp. Precision ratio transformer. 3,179,875, 4–20–65, Cl. 323—43.5.
Keats, John B., to Borg-Warner Corp. Buoy. 3,167,793, 2–2–65, Cl. 9—8.
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Keech, Roger A., ½ to D. E. Keech. Clothes fastener. 3,205,549, 9–14–65, Cl. 24—264.
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Keefe, James T., to California Pellet Mill Co. Extrusion mill with vented feeder. 3,191,227, 6–29–65, Cl. 18—12.
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Keefe, Robert L., Jr., to E. I. du Pont de Nemours, and Co. Pneumatic tire. 3,195,602, 7–20–65, Cl. 152—354.
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Keene, George W. Animal rubbing and liquid applying apparatus. 3,176,658, 4–6–65, Cl. 119—157.
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Kelly, George M., to Kingston Products Corp. Flexible coupling. 3,213,643, 10–26–65, Cl. 64—13.
Kelly, George W., to Columbus Plastic Products, Inc. Antifriction plasticizer head for plastic-extruding machines. 3,209,408, 10–5–65, Cl. 18—30.
Kelly, Gerald W., to B & K Tool & Die, Inc. Apparatus for machining stacked workpieces. 3,165,011, 1–12–65, Cl. 77—3.
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Kelly, James G., to The American Tobacco Co. Air lift chute for light rectangular articles. 3,210,130, 10–5–65, Cl. 302—36.
Kelly, James G., and V. C. Stant, to The American Tobacco Co. Cigarette transfer apparatus. 3,222,110, 12–7–65, Cl. 302—2.
Kelly, James L., O. C. Dean, and D. E. Ferguson, to United States of America, Atomic Energy Commission. Method for preparation of thorium dicarbide and thorium-uranium dicarbide particles. 3,171,815, 3–2–65, Cl. 252—301.1.
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Kelly, Joseph L., Jr., to Hughes Tool Co. Rotary-percussion drill bit with heel row inserts to prevent wedging. 3,185,-228, 5–25–65, Cl. 175—410.
Kelly, Kenneth R., and E. R. Fitzgerald, to The Ohio Crankshaft Co. Control circuit for multi-station sequencing and load power searching system. 3,185,855, 5–25–65, Cl. 307—35.
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Kelly, Marvin J., to Elements Control Systems, Inc. Combination heating, irrigating, and fertilizing system. 3,200,-539, 8–17–65, Cl. 47—1.

Kelly, Norman A., to Crystal Preforming and Packaging, Inc. Carton construction. 3,164,315, 1–5–65, Cl. 229—17.
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Kelly, Robert, to Burroughs Corp. Ink applicator. 3,168,865, 2–9–65, Cl. 101—367.
Kelly, Robert, to Burroughs Corp. Printing apparatus with retractable printing member. 3,188,950, 6–15–65, Cl. 101—375.
Kelly, Robert, to Burroughs Corp. Retractable platen control in check endorsing machines. 3,217,639, 11–16–65, Cl. 101—91.
Kelly, Robert P., W. E. Leek, J. S. Martin, C. H. Morse, C. B. Workman, and J. A. Roberts, to Remington Arms Co., Ltd. Gas operating mechanism for autoloading firearm. 3,200,-710, 8–17–65, Cl. 89—191.
Kelly, Robert P., W. E. Leek, J. S. Martin, C. H. Morse, R. E. Nightingale, and J. A. Roberts, to Remington Arms Co., Inc. Magazine interceptor latch. 3,201,886, 8–24–65, Cl. 42—17.
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Kelly, Thomas E. Pressure sensing instrument. 3,209,596, 10–5–65, Cl. 73—401.
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Kelner, Robert C., and H. W. Fuller, to Laboratory For Electronics, Inc. Magneto-optic readout for magnetic data storage device. 3,167,751, 1–26–65, Cl. 340—174.1.
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Kelso, Edward A., to Esso Research and Engineering Co. Reduction of acid consumption in alkylation. 3,170,002, 2–16–65, Cl. 260—683.59.
Kelso, Edward A., to Esso Research and Engineering Co. Combination hydrodealkylation process and desulfurization. 3,198,846, 8–3–65, Cl. 260—672.
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Kemmetmuller, Roland, to Waagner-Biro Aktiengesellschaft. Plant for cooling and cleaning waste-gases in steelworks. 3,224,841, 12–21–65, Cl. 23—277.
Kemmler, Sigmund, to Wurttembergische Spindelfabrik G.m.b.H. Loading device for top rollers of drawing mechanisms of spinning machines. 3,196,493, 7–27–65, Cl. 19—272.
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Kemnitz, Warren N., to Scovill Mfg. Co. Motor driven food mixer. 3,224,826, 12–21–65, Cl. 312—223.
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Kemp, Willard E., to ACF Industries, Inc. Hopper door operating mechanism. 3,167,026, 1–26–65, Cl. 105—250.
Kemp, Willard E., to ACF Industries, Inc. Hatch cover structure. 3,217,661, 11–16–65, Cl. 105—377.
Kemp, Willard E., and W. J. Barbier, to ACF Industries Inc. Hopper structure. 3,194,420, 7–13–65, Cl. 214—83.28.
Kemp, Willard E., and W. J. Barbier, to ACF Industries, Inc. Hopper metering apparatus. 3,215,473, 11–2–65, Cl. 302—52.
Kemp, William G., to The Soundlock Corp. Acoustical structure. 3,163,961, 1–5–65, Cl. 50—101.
Kemp, William G., to The Soundlock Corp. Expansible acoustical system. 3,195,700, 7–20–65, Cl. 189—85.
Kemp, William J., to Molins Machine Co. Ltd. Hoppers for feeding cigarettes. 3,185,321, 5–25–65, Cl. 214—17.
Kemp, William J., to Molins Machine Co. Ltd. Apparatus for feeding and testing rod-like articles. 3,207,308, 9–21–65, Cl. 209—89.
Kemper, William P., to University of Tennessee Research Corp. Sewage interceptor trap. 3,212,644, 10–19–65, Cl. 210—532.
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Kempson, Bertram C., to Dowty Hydraulics Units Ltd. Hydraulic apparatus. 3,214,911, 11–2–65, Cl. 60—53.
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Kempthorne, James L. Spray gun head. 3,214,103, 10–26–65, Cl. 239—422.
Kempton, Marvin L., and E. L. Nooker, to United States of America, Navy. Warhead for missiles. 3,224,371, 12–21–65, Cl. 102—67.
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Kendall, Charles E., D. W. Huke, and D. D. Callander, to Dunlop Rubber Co. Ltd. Process of curing elastomeric materials. 2,185,673, 5–25–65, Cl. 260—79.5.
Kendall, Charles E., R. A. W. Longdon, J. W. Watson, and P. S. Smethem, to Dunlop Rubber Co. Ltd. Vulcanizing unsaturated polyolefin elastomers with carbon black and Friedel-Crafts catalysts. 3,207,722, 9–21–65, Cl. 260—33.6.
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Kennedy, Daniel M.: *See*—
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Kennedy, David J. Sunshield for eyeglasses. 3,171,134, 3–2–65, Cl. 2—13.
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Kennedy, Eugene F., J. A. Acciarri, and J. R. Bowden, to Continental Oil Co. Preparation of olefins. 3,210,435, 10–5–65, Cl. 260—677.
Kennedy, Frank, to United States Steel Corp. Method of controlling admission of fuel and air to blast furnaces. 3,165,399, 1–12–65, Cl. 75—42.

Kennedy, Gilbert J., to Philco Corp. Electrical control system for a television receiver. 3,214,613, 10–26–65, Cl. 307—141.4.
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Kennedy, Harry E., to Union Carbide Corp. Welding process and composition therefor. 3,185,813, 5–25–65, Cl. 219—74.
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Kennedy, Harvey T., P. B. Crawford, and J. T. Hancock, Jr., to Great Lakes Carbon Corp. Converting drilling muds to slurries suitable for cementing oil and gas wells. 3,168,139, 2–2–65, Cl. 166—29.
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Kennedy, James M., to Revere Copper and Brass Inc. Method of roll-bonding copper to steel. 3,165,828, 1–19–65, Cl. 29—487.
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Kennedy, John M., and K. G. Collyer, to International Telephone and Telegraph Corp. Automatic teleprinter system. 3,206,545, 9–14–65, Cl. 178—4.
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Kennedy, Walter W., to Barber-Colman Co. Damper assembly for air mixers. Re. 25,729, 2–16–65, Cl. 137—601.
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Keon, Edward F., to United States of America, Navy. Method of operation of an exhaust nozzle for a reaction engine. 3,216,195, 11–9–65, Cl. 60—35.6.
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Kesler, Hoyt O., and H. Steele. Arrangement for removing oil sacs from fowl. 3,191,221, 6–29–65, Cl. 17—11.
Kesler, Marvin G.: *See*—
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Kesling, Keith K., to General Motors Corp. Refrigerating apparatus. 3,172,714, 3–9–65, Cl. 312—236.
Kesling, Keith K., to General Motors Corp. Refrigerating apparatus. 3,216,217, 11–9–65, Cl. 62—289.
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Kesselring, Fritz, to Siemens-Schuckertwerke Aktiengesellschaft. Controllable electric resistance devices. 3,171,080, 2–23–65, Cl. 323—94.
Kesselring, Fritz, to Siemens-Schuckertwerke Aktiengesellschaft. Synchronous-type fluid-blast circuit interrupters. 3,215,804, 11–2–65, Cl. 200—148.
Kesselring, Fritz, and T. Maurer, to Siemens-Schuckertwerke Aktiengesellschaft. Contact structures with intermediate frictional contact member. 3,214,559, 10–26–65, Cl. 200—166.
Kesselring, Fritz, E. Gisiger, and L. Seguin, to Siemens-Schuckertwerke Aktiengesellschaft. Synchronous-type circuit interrupter with holding magnet for releasing latching means. 3,215,797, 11–2–65, Cl. 200—91.
Kesselring, Fritz, and B. Leisi, to Siemens-Schuckertwerke Aktiengesellschaft. Synchronous-type circuit interrupter with synchronous operating holding magnet for latching interrupter in closed position. 3,215,798, 11–2–65, Cl. 200—98.
Kesselring, Fritz, and L. Seguin, to Siemens-Schuckertwerke Aktiengesellschaft. Synchronous circuit-interrupting devices. 3,215,866, 11–2–65, Cl. 307—133.
Kessenich, Carl A. Speaker arrangement. 3,196,211, 7–20–65, Cl. 179—1.
Kessinger, Gene L., to A. E. Staley Mfg. Co. Baker's dusting composition and method utilizing said composition. 3,171,747, 3–2–65, Cl. 99—93.
Kessler, Frederick M., and L. G. Przywara, to Ingersoll-Rand Co. High pressure fluid gun. 3,207,442, 9–21–65, Cl. 239—92.
Kessler, Fritz, F. Jakob, and R. Knorr, to Agfa Aktiengesellschaft. Iris diaphragm shutter. 3,169,462, 2–16–65, Cl. 95—63.
Kessler, Gerald. Water-retarding pile weather strip. 3,175,257, 3–30–65, Cl. 20—69.
Kessler, Godehardt, to Gesellschaft fur Linde's Eismaschinen Aktiengesellschaft. Low temperature distillation of normally gaseous substances. 3,216,206, 11–9–65, Cl. 62—13.
Kessler, Harry H.: *See*—
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Kessler, Irving M. Metal locating and marking cap for metal surveyors' stakes. 3,174,588, 3–23–65, Cl. 189—21.3.
Kessler, Jacob C. F., to American Enka Corp. Transparent products from poly-E-caprolactam and process of making same. 3,224,987, 12–21–65, Cl. 260—18.
Kessler, Milton. Coil-up bowling return gutter. 3,186,712, 6–1–65, Cl. 273—51.
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Kessler, Saul, to Kaiser Aluminum & Chemical Corp. Anodized aluminum. 3,175,963, 3–30–65, Cl. 204—35.
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Kesslin, George, R. W. Handy, and J. Steinmetz, to Kay-Fries Chemicals, Inc. Cyclic malonaldehyde diacetals. 3,223,713, 12–14–65, Cl. 260—338.
Kessman, Loren P. Sun-bathing device. 3,170,172, 2–23–65, Cl. 5—348.
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Kester, Ralph C., Jr. Musical instrument. 3,215,020, 11–2–65, Cl. 84—411.
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Keszler, Ernest. Vernier measuring device. 3,200,501, 8–17–65, Cl. 33—143.
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Ketley, Arthur D., to W. R. Grace & Co. Polymerization of vinyl isobutyl ether. 3,193,541, 7–6–65, Cl. 260—91.1.
Ketley, Arthur D., to W. R. Grace & Co. Polymerization of styrene utilizing frozen boron trifluoride ether complex as the catalyst. 3,222,342, 12–7–65, Cl. 260—93.5.
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Ketterer, Richard J., and R. W. Hurst, to General Electric Co. Inorganic bonded reconstituted micaceous products. 3,209,196, 9–28–65, Cl. 313—268.
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Ketterer, Stanley J., M. F. Ivanko, J. J. Dolney, and W. B. Strait, to The Singer Co. Chain stitch device for lock stitch sewing machines. 3,194,197, 7–13–65, Cl. 112—168.
Ketterer, Stanley J., R. W. Busch, Jr., and M. F. Ivanko, to The Singer Co. Stop motion mechanism for sewing machines. 3,196,816, 7–27–65, Cl. 112—219.
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Kettner, Hans, to VEB Schrauben-und Nietewerke Tombach. Device for removing the burr from slotted bolt heads. 3,183,700, 5–18–65, Cl. 72—71.
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Gold, Robert M. 3,206,600.
Gold, Robert M. 3,206,601.
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Persak, George, Jr. 3,180,060.
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Kevane, Clement J., and R. J. Schulte, to Controls Co. of America. Time delay switch. 3,166,680, 1–19–65, Cl. 307—88.5.
Keves, Henry I., and M. J. Rogers, to Diamond Crystal Salt Co. Salt slurry unloading system. 3,201,175, 8–17–65, Cl. 302—14.
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Key, Roy R. Dough-twisting apparatus. 3,167,167, 1–26–65, Cl. 198—26.
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Keyes, Richard, to Dresser Industries, Inc. Peak analysis and digital conversion apparatus. 3,221,253, 11–30–65, Cl. 324—103.
Keylwert, Johann, and G. Jungbluth, to Klockner-Humboldt-Deutz Aktiengesellschaft. Rotary piston machine, especially circular piston engine. 3,197,127, 7–27–65, Cl. 230—234.
Keylwert, Johann, G. Jungbluth, and G. Lange, to Klockner-Humboldt-Deutz Aktiengesellschaft. Rotary piston internal combustion engine. 3,213,836, 10–26–65, Cl. 123—8.
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Keyser, John E., and R. E. Wheeler, to General Electric Co. Rotary selector switch with rotary contact carrier and means to convert between different numbers of circuit controlling positions thereof. 3,167,620, 1–26–65, Cl. 200—11.
Keyser, John E., and R. E. Wheeler, to General Electric Co. Electric switch having contacts convertible between normally open and normally closed conditions. 3,204,068, 8–31–65, Cl. 200—159.
Keyser, Lewis R., and P. L. Osweiler, to Price Brothers Co. Means for moulding a coating on pipe. 3,206,821, 9–21–65, Cl. 25—38.
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Kezer, Allen, H. P. Whitaker, and P. V. Osburn, to Massachusetts Institute of Technology. Model-reference-adaptive control system. 3,221,229, 11–30–65, Cl. 318—18.
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Keznickl, Eduard, to Karl Vockenhuber. Camera having a varifocal objective. 3,181,447, 5–4–65, Cl. 95—45.
Keznickl, Eduard, to K. Vockenhuber. Camera having a varifocal objective. 3,196,769, 7–27–65, Cl. 95—11.
Keznickl, Eduard, and O. Freudenschuss, to Karl Vockenhuber, and DDr. Raimund Hauser. Projector for substandard film. 3,181,805, 5–4–65, Cl. 242—55.11.
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Kibler, Willis L., to The Delman Co. Control device for windshield clearing system. 3,171,153, 3–2–65, Cl. 15—250.01.
Kibler, Willis L., to The Delman Co. Windshield cleaning system. 3,171,155, 3–2–65, Cl. 15—250.02.
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Kice, Russell W., and J. W. Blender fitting. 3,198,584, 8–3–65, Cl. 302—51.
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Kiekhaefer, Elmer C., to Kiekhaefer Corp. Marine vehicle with hydrofoil exhaust. 3,211,120, 10–12–65, Cl. 114—66.5.
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Kiely, William M., to Elevator Specialties Corp. Elevator photo-cell by-pass control. 3,168,164, 2–2–65, Cl. 187—29.
Kienel, Gerhard, to W. C. Heraeus, G.m.b.H. Vacuum sputtering pump. 3,198,422, 8–3–65, Cl. 230—69.
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Kihara, Nobutoshi, to Sony Corp. Magnetic recording and reproducing system. 3,188,385, 6–8–65, Cl. 178—6.6.

Kihara, Nobutoshi, to Sony Corp. Magnetic recording and reproducing system with mechanical generation of synchronizing information. 3,197,559, 7–27–65, Cl. 178—6.6.

Kihara, Nobutoshi, to Sony Corp. Magnetic recording of signals containing synchronizing information. 3,215,772, 11–2–65, Cl. 178—6.6.

Kihara, Nobutoshi, to Sony Corp. Driving device for a tape or the like. 3,219,246, 11–23–65, Cl. 226—181.

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Kilburg, James, to Dasa Corp. Tape magazine for automatic telephone dialer. 3,207,453, 9–21–65, Cl. 242—67.3.

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Kilburn, Tom, to International Business Machines Corp. Information storage apparatus. 3,175,199, 3–23–65, Cl. 340—174.

Kilburn, Tom, and D. B. G. Edwards, to International Business Machines Corp. Electronic digital computing machines with priority interrupt feature. 3,208,048, 9–21–65, Cl. 340—172.5.

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Kilburn, Tom, and D. B. G. Edwards, to International Business Machines Corp. Data transfer control device. 3,218,611, 11–16–65, Cl. 340—172.5.

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Kindle, William K., J. F. Bryan, T. Z. Smidowicz, and J. D. Kennedy, to Electronic Associates, Inc. Positional control system. 3,218,840, 11–16–65, Cl. 343—7.

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King, Arno M., to United States of America, Navy. Thermionic square law indicating device wherein cathode power dissipation is maintained constant to provide an indication of the magnitude of the unknown signal. 3,219,929, 11–23–65, Cl. 324—99.

King, Arthur S. Free piston engine compressor. 3,172,596, 3–9–65, Cl. 230—52.

King, Arthur S., to M. W. Maxwell, S. D. Capper, and N. Ferguson. Ironing board. 3,203,373, 8–31–65, Cl. 108—138.

King, Bernard G., to Bell Telephone Laboratories, Inc. Timing of pulse transmission systems by interspersed opposite-polarity pulses. 3,179,889, 4–20–65, Cl. 325—38.

King, Bertell W. Dumping barge with pivoted side rails. 3,183,870, 5–18–65, Cl. 114—32.

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King, Charles B., to The Gleason Works. Method and machine for producing spiral bevel and hypoid gears. 3,213,755, 10–26–65, Cl. 90—5.

King, Charles B., and R. W. Treverton, to The Gleason Works. Gear grinding machine and method of dressing the grinding wheel thereof. 3,213,567, 10–26–65, Cl. 51—3.

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King, Donald F., and G. R. Henry, to Harbison-Walker Refractories Co. Hydration prevention. 3,199,995, 8–10–65, Cl. 106—58.

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King, Harold L. Liquid applicator. 3,192,552, 7–6–65, Cl. 15—537.

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King, Joseph B. Floating cutter housing for electric razors. 3,169,313, 2–16–65, Cl. 30—43.92.

King, Joseph C., to Metro-Atlantic, Inc. Processes and compositions for treatment of cotton and other cellulosic fabrics. 3,190,717, 6–22–65, Cl. 8—116.4.

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King, Ottis W. Cam operated valve. 3,184,214, 5–18–65, Cl. 251—229.
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King, Paul D., R. S. Barton, and J. N. Merner, to Burroughs Corp. Digital computer with indirect addressing. 3,222,-649, 12–7–65, Cl. 340—172.5.
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King, Raymond L., Jr., and R. L. Conger, to United States of America, Navy. Analog multiplication and division circuit using a Hall effect multiplier. 3,202,809, 8–24–65, Cl. 235—196.
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King, Ronald E. Adjustable multiple bullet core mold. 3,209,-415, 10–5–65, Cl. 22—94.
King, Rutledge F., to United States of America, Atomic Energy Commission. Ion pulse generator comprising deflector means to sweep an ion beam across an apertured member. 3,164,718, 1–5–65, Cl. 250—41.9.
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King, William H., Jr., to Esso Research and Engineering Co. Coated piezoelectric analyzers. 3,164,004, 1–5–65, Cl. 73—23.
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Kinker, Clarence C., to Owens-Illinois Glass Co. Sheet stacking and handling apparatus. 3,208,603, 9–28–65, Cl. 214—6.
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Kinney, Selwyne P., to S. P. Kinney Engineers, Inc. Checker block and checker construction made therefrom. 3,220,715, 11–30–65, Cl. 263—51.
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Kinoshita, Shukuo, and O. Terada, to Kyowa Hakko Kogyo Co., Ltd. Method for preparing 5-ketofructose by fermentation. 3,206,375, 9–14–65, Cl. 195—31.
Kinoshita, Shukuo, K. Tanaka, K. Oshima, and K. Kimura, to Kyowa Hakko Kogyo Co. Ltd. Fermentative production of substances relating to nucleic acid. 3,214,344, 10–26–65, Cl. 195—28.
Kinoshita, Shukuo, K. Tanaka, K. Oshima, and K. Kimura, to Kyowa Hakko Gogyo Co. Ltd. Method for producing glutamine by fermentation process. 3,216,906, 11–9–65, Cl. 195—29.
Kinoshita, Shukuo, K. Tanaka, S. Udaka, and S. Akita, to Kyowa Hakko Kogyo Co. Ltd. Microbiological production of amino acid by reductive amination. 3,220,929, 11–30–65, Cl. 195—29.
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Kinsworthy, Donald D., to The Lau Blower Co. Air moving device. 3,223,313, 12–14–65, Cl. 230—117.
Kint, Leonard N.: *See*—
Hanse, Albert B., and Kint. 3,170,643.
Kintigh, Stanley S.: *See*—
Buttenhoff, Edward W., and Kintigh. 3,211,977.
Kintigh, Stanley S., to Honeywell Inc. Control devices. 3,190,609, 6–22–65, Cl. 251—134.
Kintner, Mildred M. Fastening means. 3,196,511, 7–27–65, Cl. 24—204.
Kintner, Paul M., to Cutler-Hammer, Inc. Control modules and circuits. 3,189,755, 6–15–65, Cl. 307—88.5.
Kintner, Paul M., to Cutler-Hammer, Inc. Pulse encoder. 3,189,902, 6–15–65, Cl. 343—102.
Kintner, Paul M., to Cutler-Hammer, Inc. Transistor time delay circuits. 3,197,656, 7–27–65, Cl. 307—88.5.
Kintslaid Engineering Co. Ltd.: *See*—
Wignall, Norman. 3,222,891.
Kintzer, Nicholas D.: *See*—
Blakeslee, Clinton A., and Kintzer. 3,192,534.
Kinzbach, Robert B. Casing cutter and milling tool. 3,220,478, 11–30–65, Cl. 166—55.8.
Kinzelman, Joseph, to Gasway Corp. Method and apparatus for flow coating objects. 3,205,089, 9–7–65, Cl. 117—105.3.
Kip, Inc.: *See*—
Hiscock, Earle F. 3,183,096.
Kiper, Gerd, to Agfa Aktiengesellschaft. Light controlled shutter. 3,165,989, 1–19–65, Cl. 95—10.
Kiper, Gerd, to Agfa Aktiengesellschaft. Shutter control structure for cameras. 3,165,994, 1–19–65, Cl. 95—63.
Kiper, Gerd, to Agfa Aktiengesellschaft. Light controlling structure for cameras and the like. 3,169,463, 2–16–65, Cl. 95—64.
Kiper, Gerd, to Agfa Aktiengesellschaft. Retarding device for photographic shutter. 3,187,655, 6–8–65, Cl. 95—63.
Kiper, Gerd, to Agfa Aktiengesellschaft. Exposure-controlling structure for cameras. 3,196,771, 7–27–65, Cl. 95—64.
Kiper, Gerd, to Agfa Aktiengesellschaft. Between-the-lens shutter for single-lens reflex cameras. 3,198,100, 8–3–65, Cl. 95—63.
Kiper, Gerd, to Agfa Aktiengesellschaft. Camera shutter. 3,199,428, 8–10–65, Cl. 95—62.
Kiper, Gerd, to Agfa Aktiengesellschaft. Camera capable of being manually and automatically operated. 3,203,330, 8–31–65, Cl. 95—64.
Kiper, Gerd, to Agfa Aktiengesellschaft. Shutter assembly for cameras. 3,205,805, 9–14–65, Cl. 95—63.
Kiper, Gerd, to Agfa Aktiengesellschaft. Shutter assemblies for photographic cameras. 3,209,666, 10–5–65, Cl. 95—63.
Kiper, Gerd, to Agfa Aktiengesellschaft. Between-the-lens shutter assemblies for photographic cameras. 3,218,949, 11–23–65, Cl. 95—63.
Kiper, Gerd, and R. Denk, to Agfa Aktiengesellschaft. Camera with means for automatically introducing into the same the factor of film speed. 3,165,990, 1–19–65, Cl. 95—10.
Kiper, Gerd, and R. Kremp, to Agfa Aktiengesellschaft. Combined shutter and diaphragm assembly for cameras. 3,165,996, 1–19–65, Cl. 95—64.
Kiper, Gerd, and W. Kaden, to Agfa Aktiengesellschaft. Manually and automatically operable camera. 3,190,203, 6–22–65, Cl. 95—64.
Kiper, Gerd, and G. Mitsch, to Agfa Aktiengesellschaft. Shutter and flash controlling apparatus for cameras. 3,200,721, 8–17–65, Cl. 95—11.5.
Kipfer, Hugo, to Machine Tool Works Oerlikon, Administration Co. Impact fuze. 3,177,810, 4–13–65, Cl. 102—73.
Kipnis, Abraham. Means for releasably holding sheets in stack formation. 3,180,493, 4–27–65, Cl. 211—51.
Kipp, Karl F., and J. A. Santangini, to Western Electric Co., Inc. Chemical polishing machine. 3,203,434, 8–31–65, Cl. 134—57.
Kipple, Harry P.: *See*—
Taleff, Alexander, and Kipple. 3,189,241.
Kipps, Harry J.: *See*—
Thiessen, Lawrence B., and Kipps. 3,211,225.
Kiralfy, Alexander E. Height gauge. 3,224,103, 12–21–65, Cl. 33—172.
Kiramidjian, Ludwig. Liquid level recording apparatus. 3,169,400, 2–16–65, Cl. 73—290.
Kirby, Ben H., Jr., and T. James, to Koppers Co., Inc. Coloring of anodized aluminum. 3,172,786, 3–9–65, Cl. 148—6.1.

Kirby, Charles A., to Allied Building Components, Inc. Expandable closure member. 3,165,144, 1–12–65, Cl. 160—221.
Kirby, Charles A., to Allied Building Components, Inc. Folding door mounting structure. 3,187,800, 6–8–65, Cl. 160—206.
Kirby, Colin W.: *See*—
Kirby, Kenneth, K. R. T., and C. W. 3,190,194.
Kirby, Kenneth, K. R. T. and C. W. 3,198,093.
Kirby, Jack A., ½ to Bi/fresh Dispenser Co., and ½ to Northwest Bi/fresh Dispenser Co. Reusable display and dispensing container. 3,224,822, 12–21–65, Cl. 312—71.
Kirby, John F. Machine for mounting and proofing printing plates. 3,186,336, 6–1–65, Cl. 101—216.
Kirby, John H., II., to Bowen Tools, Inc. Jet junk basket. 3,198,256, 8–3–65, Cl. 166—99.
Kirby, Keith R. T.: *See*—
Kirby, Kenneth, K. R. T., and C. W. 3,190,194.
Kirby, Kenneth, K. R. T., and C. W. 3,198,093.
Kirby, Kenneth, K. R. T., and C. W., to Kirby's (Engineers) Ltd. Apparatus for creasing and/or cutting cardboard and analogous flexible sheet material. 3,190,194, 6–22–65, Cl. 93—58.2.
Kirby, Kenneth, K. R. T., and C. W., to Kirby's (Engineers) Ltd. Apparatus for creasing and/or cutting cardboard and analogous flexible sheet material. 3,198,083, 8–3–65, Cl. 93—58.2.
Kirby, Peter: *See*—
Evans, Herbert C., and Kirby. 3,202,610.
Kirby, Peter, to Shell Oil Co. Copolymers of dialkenyl phosphorus esters as lubricating oil additives. 3,166,505, 1–19–65, Cl. 252—49.8.
Kirby, Peter, to Shell Oil Co. Lubricating compositions containing polymeric phosphonites. 3,208,942, 9–28–65, Cl. 252—49.8.
Kirby, Peter, to Shell Oil Co. Copolymers of alkenyl phosphorus esters as lubricating oil additives. 3,208,943, 9–28–65, Cl. 252—49.8.
Kirby, Ralph. Pile driving apparatus. 3,172,484, 3–9–65, Cl. 173—43.
Kirby, Ralph C., to United States of America, Interior. Upgrading primary manganese matte. 3,179,514, 4–20–65, Cl. 75—80.
Kirby, Robert A., and G. M. Webster, to Esso Production Research Co. Recoilless seismic source. 3,215,223, 11–2–65, Cl. 181—.5
Kirby, Thomas E., Jr.: *See*—
Boehling, Daniel E., and Kirby. 3,198,327.
Lewis, Nathaniel A., and Kirby. 3,209,977.
Kirby, William M.: *See*—
Boley, Charles C., Burnell, and Kirby. 3,221,775.
Kirby's (Engineers) Ltd.: *See*—
Kirby, Kenneth, K. R. T., and C. W. 3,190,194.
Kirby, Kenneth, K. R. T., and C. W. 3,198,093.
Kirch, Walter L., Jr. Wall bracket. 3,174,628, 3–23–65, Cl. 211—123.
Kirchel, Allen A.: *See*—
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Kircher, Hartmann J., III, and L. W. Goldberg, to Thiokol Chemical Corp. Rotatable ball valve assembly having an inlet shear cup. 3,219,047, 11–23–65, Cl. 137—68.
Kircher, Rene: *See*—
Breiss, Jean, Kircher, and Zimmermann. 3,223,477.
Meybeck, Jean, Kircher., and Breiss. 3,178,262.
Kirchgessner, Leo., to Robert Bosch, G.m.b.H. Arrangement for eliminating parasitic waves. 3,178,661, 4–13–65, Cl. 333—79.
Kirchhoefer, Martin J., to Pulpamac, Inc. Apparatus for continuous gravity feed of fluent materials. 3,190,509, 6–22–65, Cl. 222—450.
Kirchhubel, Frederick A.: *See*—
Ruckriegel, Raymond J., Kirchhubel, and Moorhead. 3,164,702.
Ruckriegel, Raymond J., Kirchhubel, and Moorhead. 3,212,351.
Kirchhubel, Frederick A., to Texas Instruments Inc. Method of assembling thermostatic switches. 3,164,701, 1–5–65, Cl. 200—138.
Kirchhübel, Kurt: *See*—
Cüppers, Curt, and Kirchhübel. 3,201,795.
Kirchman, Edward J.: *See*—
Hartenstein, Raymond G., and Kirchman. 3,199,340.
Kirchmeyer, Richard C., and W. E. Petersen, to Western Electric Co., Inc. Apparatus for removing strands from articles. 3,195,832, 7–20–65, Cl. 242—129.6.
Kirchner, Franklin H., to Franklin Coffee Urn Corp. Coffee urn with cover having condensate drain extending therefrom. 3,183,905, 5–18–65, Cl. 126—383.
Kirchner, Frederick K., and A. W. Zalay, to Sterling Drug Inc. 3-amino-4(3H)-quinazolinones and process. 3,217,005, 11–9–65, Cl. 260—256.4.
Kirchner, Henry P., to Cornell Aeronautical Laboratory, Inc. Wall structure suitable for exposure to high temperature gas. 3,182,469, 5–11–65, Cl. 62—467.
Kirchner, Jack R., to E. I. du Pont de Nemours and Co. Production of halopyridine oxides. 3,203,957, 8–31–65, Cl. 260—290.
Kirchner, Robert T.: *See*—
Ditzler, John L., and Kirchner. 3,163,999.
Kirchner, Willi, to Kugelfischer Georg Schafer & Co. Displacement relay. 3,202,176, 8–24–65, Cl. 137—464.
Kirchner, Willi, and H. Korrenn, to Kugelfischer Georg Schafer & Co. Method of and device for the measuring of Hertz surfaces. 3,214,968, 11–2–65, Cl. 73—88.
Kirgan, Walter B., to Qualified Range Co., Inc. Space heater. 3,171,399, 3–2–65, Cl. 126—110.
Kirigaya, Kiichi: *See*—
Kubota, Keijiro, Ohta, Okajima, Kineri, Harasaki, and Kirigaya. 3,212,931.
Kirilouckas, Albert C., to Winston Research Corp. Capstan drive mechanism. 3,225,233, 12–21–65, Cl. 310—154.
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Kirk and Blum Mfg. Co., The: *See*—
Hulton, Charles S., Fleming, Bruning, and Stalker. 3,176,971.
Kirk, David B., to Moore Products Co. Pneumatic measuring apparatus. 3,178,931, 4–20–65, Cl. 73—37.5.
Kirk, David Livingstone, to Colgate-Palmolive Co. Process for preparing baked goods utilizing dihydroxyacetone to enhance browning. 3,220,850, 11–30–65, Cl. 99—90.
Kirk, David N., V. Petrow, and D. M. Williamson, to The British Drug Houses Ltd. 6,16α-dimethyl steroids. 3,168,536, 2–2–65, Cl. 260—397.3.
Kirk, Douglas, to The Quaker Oats Co. Easy opening container. 3,202,271, 8–24–65, Cl. 206—56.
Kirk, George A., to General Signal Corp. Servo system for two phase motors. 3,171,075, 2–23–65, Cl. 318—341.
Kirk, George A., to General Signal Corp. Mounting for electronic components. 3,211,959, 10–12–65, Cl. 317—100.
Kirk, Harry V., to Cheshire Inc. Address strip feed means for addressing machine. 3,204,553, 9–7–65, Cl. 101—53.
Kirk, Hugh A.: *See*—
Gast, Dwight. 3,203,004.
Kirk, James H.: *See*—
Skonecke, Hubert L., Kirk, and Safford. 3,224,488.
Kirk, Joseph R., to Atwood Vacuum Machine Co. Automobile rear deck lock. 3,184,936, 5–25–65, Cl. 70—151.
Kirk, Joseph R., to Atwood Vacuum Machine Co. Foot-operated, hand-released parking brake. 3,194,085, 7–13–65, Cl. 74—540.
Kirk, Joseph R., A. Y. Dodge, and E. L. Allen, to Atwood Vacuum Machine Co. Trailer brake actuator. 3,175,649, 3–30–65, Cl. 188—112.
Kirk, Larry D.: *See*—
Mustakas, Gus C., and Kirk. 3,173,792.
Kirk, Roy C., and R. E. Carr, to The Dow Chemical Co. High power output magnesium primary battery. 3,177,099, 4–6–65, Cl. 136—100.
Kirk, Roy C., and R. E. Carr, to The Dow Chemical Co. High power output magnesium primary battery. 3,185,592, 5–25–65, Cl. 136—100.
Kirk, Rufus P. Well tool and method of using same. 3,190,357, 6–22–65, Cl. 166—44.
Kirk, Thomas E.: *See*—
Short, Brooks H., and Kirk. 3,202,146.
Kirk, Thomas E., and G. O. Huntzinger, to General Motors Corp. Semiconductor voltage regulator. 3,173,077, 3–9–65, Cl. 322—73.
Kirk, Walter B., to Westinghouse Air Brake Co. Fluid pressure brake control apparatus with accelerated release after service application. 3,175,869, 3–30–65, Cl. 303—33.
Kirk, Walter B., to Westinghouse Air Brake Co. Brake cylinder assembly. 3,183,795, 5–18–65, Cl. 92—212.
Kirk, William W.: *See*—
Devol, James C., and Kirk. 3,177,391.
Kirkconnell, Robert W., to Nalco Chemical Co. Rubber compositions and forming process. 3,224,998, 12–21–65, Cl. 260—41.5.
Kirkconnell, Thomas W. Educational teaching and grading machine. 3,175,303, 3–30–65, Cl. 35—9.
Kirkconnell, Thomas W., and C. D. Tolson. Slide projector with shiftable filters. 3,215,036, 11–2–65, Cl. 88—28.
Kirkell, Leon H., to Blairsville Machine Products Co. Towel dispensing cabinet and control mechanism. 3,198,591, 8–3–65, Cl. 312—38.
Kirkham, Richard A.: *See*—
Jamer, Douglas W., and Kirkham. 3,189,104.
Kirkhof Mfg. Corp.: *See*—
Keyes, Raymond S. 3,166,790.
Keyes, Raymond S. 3,190,946.
Carrigan, William H., and Emaus. 3,210,702.
Kirkland, A., and Co. Ltd.: *See*—
Carrotte, Frederick H., and Ellis. 3,220,222.
Kirkland, Calvin G.: *See*—
Deaton William M., and Kirkland. 3,194,054.
Kirkland, Charles F.: *See*—
Slagley, William E., and Kirkland. 3,202,407.
Kirkland, Earl V., to Standard Oil Co. Removal of water from monocarboxylic acids by membrane permeation. 3,182,043, 5–4–65, Cl. 260—87.1.
Kirkland, Earl V., and W. J. Roberts, to Celanese Corp. of America. Segmented oxymethylene block copolymers. 3,219,725, 11–23–65, Cl. 260—823.
Kirkland, Earl V., and J. F. Jennings, to Standard Oil Co. Separation process. 3,225,107, 12–21–65, Cl. 260—652.
Kirkland, Walter D., and J. T. Oda, to Abbott Laboratories. Container closure. 3,198,368, 8–3–65, Cl. 215—37.
Kirkness, Robert H., and C. J. Wayman, to The General Electric Co. Ltd. Electrical coding arrangements of the kind for providing an output that is representative according to a digital code, of the magnitude of an input variable. 3,196,426, 7–20–65, Cl. 340—347.

Kirkpatrick, George M., and L. J. Neelands, to United States of America, Army. Monopulse radar system. 3,176,295, 3–30–65, Cl. 343—16.

Kirkpatrick, James S. Paring and coring device. 3,164,183, 1–5–65, Cl. 146—204.

Kirkpatrick, James S., and D. L. Erickson, to Brooks & Perkins, Inc. Flexible overlay forming. 3,222,911, 12–14–65, Cl. 72—363.

Kirkpatrick, Kenneth L., to Deere & Co. Banker. 3,194,320, 7–13–65, Cl. 172—33.

Kirkpatrick, Kenneth L., and P. R. Ferris, to Deere & Co. Harvester with shiftable and reversible conveyor means. 3,214,002, 10–26–65, Cl. 198—36.

Kirkpatrick, Kingston V., to Sperry Rand Corp. Power transmission. 3,204,565, 9–7–65, Cl. 103—136.

Kirkpatrick, Robert E. Bunk feeder. 3,191,753, 6–29–65, Cl. 198—64.

Kirkpatrick, Thomas P., to United States of America, Navy. Grounding device for rotating machinery, especially for blowers. 3,189,791, 6–15–65, Cl. 317—2.

Kirkpatrick, Willard H., and V. L. Seale, to Nalco Chemical Co. Process for breaking petroleum emulsions. 3,166,516, 1–19–65, Cl. 252—344.

Kirkpatrick, Willard H., and V. L. Seale, to Nalco Chemical Co. Condensation products. 3,166,548, 1–19–65, Cl. 260—97.5.

Kirkpatrick, Willard H., V. L. Seale, and R. E. Berkley, to Nalco Chemical Co. Emulsifier compositions and uses thereof. 3,169,113, 2–9–65, Cl. 252—8.55.

Kirkpatrick, Willard H., V. L. Seale, and A. W. Church, to Nalco Chemical Co. Compositions and processes for breaking petroleum emulsions. 3,169,118, 2–9–65, Cl. 252—341.

Kirkpatrick, Willard H., and V. L. Seale, to Nalco Chemical Co. Hydroxy hydrocarbon N-substituted dialkylene triamines. 3,200,153, 8–10–65, Cl. 260—570.6.

Kirkpatrick, Willard H., and V. L. Seale, to Nalco Chemical Co. Mono-secondary-hydroxy hydrocarbon N-substituted trialkylene tetramines. 3,200,154, 8–10–65, Cl. 260—570.6.

Kirkpatrick, Willard H., V. L. Seale, and R. E. Law, to Nalco Chemical Co. Completely N-hydroxyalkylated and completely N-polyoxyalkylated polyhexamethylene polyamines. 3,200,155, 8–10–65, Cl. 260—584.

Kirkpatrick, Willard H., V. L. Seale, and H. C. Noe, Jr., to Nalco Chemical Co. Salts of partial amides of alkylene-polyamines with polyethylene glycol chloride. 3,201,430, 8–17–65, Cl. 260—404.5.

Kirkpatrick, Willard H., and V. L. Seale, to Nalco Chemical Co. Process for breaking petroleum emulsions. 3,202,614, 8–24–65, Cl. 252—342.

Kirkpatrick, Willard H., and V. L. Seale, to Nalco Chemical Co. Processes for breaking petroleum emulsions. 3,202,615, 8–24–65, Cl. 252—342.

Kirkpatrick, Willard H., V. L. Seale, and R. E. Berkley, to Nalco Chemical Co. Compositions for breaking emulsions or inhibiting formation thereof and process utilizing same. 3,205,169, 9–7–65, Cl. 252—8.55.

Kirkpatrick, Willard H., and V. L. Seale, to Nalco Chemical Co. Resolving water-in-oil emulsions with polyoxyalkylated condensation polymers of alkyl phenols formaldehyde, and alkylol primary monoamines. 3,206,412, 9–14–65, Cl. 252—344.

Kirkpatrick, Willard H., and V. L. Seale, to Nalco Chemical Co. Processes for breaking petroleum emulsions with dicarboxy acid esters of sulfated oxyalkylated alkyl phenol-formaldehyde resins. 3,210,291, 10–5–65, Cl. 252—335.

Kirkpatrick, Willard H., V. L. Seale, and R. E. Berkley, to Nalco Chemical Co. Production of aqueous foams and compositions therefor. 3,215,200, 11–2–65, Cl. 166—44.

Kirkpatrick, William F.: *See*—
Valk, Allen S., Hofmann, Kirkpatrick, and Keller. 3,213,632.

Kirkpatrick, William J., to Pennsalt Chemicals Corp. Winterizing glyceride oils. 3,173,936, 3–16–65, Cl. 260—428.

Kirkpatrick, William J., to Pennsalt Chemicals Corp. Centrifuge. 3,199,681, 8–10–65, Cl. 210—374.

Kirkpatrick, Wylie C.: *See*—
Dreyfus, Robert L., and Kirkpatrick. 3,212,635.
Lowry, Robert D., Kirkpatrick, and Harrison. 3,206,906.

Kirkpatrick, Wylie C., to W. R. Grace & Co. Method of packaging a plurality of articles. 3,187,478, 6–8–65, Cl. 53—30.

Kirkpatrick, Wylie C., to W. R. Grace & Co. Plastic multiple pack carrier. 3,190,050, 6–22–65, Cl. 53—30.

Kirkup, Richard P., to The Garrett Corp. Proportional flow metering valve. 3,218,023, 11–16–65, Cl. 251—38.

Kirkwood, Creal E., and B. M. Moroney. Multi-port valve. 3,191,628, 6–29–65, Cl. 137—625.43.

Kirner, Ernest O.: *See*—
Gunkel, William F., Willey, Christianson, Kirner, Jackson, Cordry, Papanicolaou, Bath, and Visher. 3,185,981.

Kirsch, Alphonse J.: *See*—
O'Neil, Joseph R., Jr., Kirsch, and Buell. 3,200,543.

Kirsch, Benjamin. Foot-actuated latch. 3,225,363, 12–28–65, Cl. 5—55.

Kirsch Co.: *See*—
Ford, James A. 3,198,243.
Sloan, Paul H., Schaeffer, and Mowery. 3,212,833.

Kirsch, Jerry. Shock-cushioning device. 3,167,029, 1–26–65, Cl. 105—374.

Kirsch, Jerry. Constant-pressure hydraulic flow control apparatus. 3,178,166, 4–13–65, Cl. 267—1.

Kirsch, Jerry. Hydropneumatic suspension system. 3,210,063, 10–5–65, Cl. 267—64.

Kirsch, Karl, and S. Uhl, to Keller and Knappich G.m.b.H. Device for laying wire coils. 3,199,807, 8–10–65, Cl. 242—129.

Kirsch, Raymond C. Game apparatus having movable target elements with angularly related wings. 3,165,317, 1–12–65, Cl. 273—102.1.

Kirsch, Robert R.: *See*—
Clement, Joseph D., and Kirsch. 3,211,930.

Kirsch, Wilhelm: *See*—
Hermann, Joachim, Kirsch, and Donat. 3,167,275.

Kirschey, Gerhard. Continuously controllable friction wheel gear drive. 3,203,280, 8–31–65, Cl. 74—796.

Kirschke, Norman W., and B. Hurko, to General Electric Co. Surface heating unit for spill-proof cooktop. 3,172,995, 3–9–65, Cl. 219—463.

Kirschke, Norman W., to General Electric Co. Electric heating unit for spill-proof cooking surface. 3,213,266, 10–19–65, Cl. 219—451.

Kirschmann, John D. Transmission. 3,209,609, 10–5–65, Cl. 74—349.

Kirschner, Francis, to Korfund Dynamics Corp. Laminated acoustic panels with outer metal layers, fibrous core and viscoelastic damping layer. 3,215,225, 11–2–65, Cl. 181—33.

Kirschner, William, ½ to R. D. Millwater. Tumbling toy. 3,192,663, 7–6–65, Cl. 46—202.

Kirschning, Hans J., F. Claussen, J. Merrath, and F. Schmidt. Ingot head heating arrangement for use in steel mills and the like. 3,220,069, 11–30–65, Cl. 22—64.

Kirshenbaum, Abraham D., C. S. Stokes, and A. V. Grosse, to United States of America, Army. Use of O_3F_2 as a hypergolic additive for liquid oxygen. 3,170,282, 2–23–65, Cl. 60—35.4.

Kirshenbaum, Isidor, J. H. Bartlett, and R. M. Hill, to Esso Research and Engineering Co. Oxidation process. 3,202,694, 8–24–65, Cl. 260—462.

Kirshenbaum, Isidor, P. Lucchesi, and E. Tornqvist, to Esso Research and Engineering Co. Polymerization of ethylene in the presence of ammonium halide. 3,203,946, 8–31–65, Cl. 260—94.9.

Kirshenbaum, Isidor, J. H. Bartlett, and R. M. Hill, to Esso Research and Engineering Co. Oxidation process for preparing a borate ester. 3,214,449, 10–26–65, Cl. 260—406.

Kirshenbaum, Isidor, and P. Lucchesi, to Esso Research and Engineering Co. Polymerization of ethylene in the presence of inorganic salt hydrates. 3,221,001, 11–30–65, Cl. 260—94.9.

Kirsten, Paul A. Cylinder flaker for the wood particle board industry. 3,208,488, 9–28–65, Cl. 144—172.

Kirton, Joseph M. Latch operated clutch for stapling machine. 3,168,174, 2–2–65, Cl. 192—28.

Kirtz, Ned E. Mounting clip and wall support. 3,210,898, 10–12–65, Cl. 52—281.

Kirurgiska Instrument Fabriks Aktiebolaget KIFA: *See*—
Lundgren, Nils V. G., and Pettersson. 3,188,659.

Kiryluk, Wlodzimierz, R. Parsons, and R. R. Pierce. Radio rescue apparatus. 3,207,987, 9–21–65, Cl. 325—104.

Kisab Aktiebolag: *See*—
Bratt, Sven I., and Karder. 3,218,218.

Kisbany, Frederick N., to Diorama, Inc. Lint remover. 3,225,373, 12–28–65, Cl. 15—104.

Kise, Mearl A., W. G. Hart, and A. D. Giorgi. Automatic dispensing device. 3,209,950, 10–5–65, Cl. 222—70.

Kiseda, James R.: *See*—
Cole, James N., Foglia, and Kiseda. 3,215,855.
Petersen, Harold E., McDermid, and Kiseda. 3,221,308.

Kiser, Louis A., Jr., to Monsanto Co. Spinning for conjugate spinning. 3,166,788, 1–26–65, Cl. 18—8.

Kish, Francis X., to Westinghouse Electric Corp. Appliance unit and combination plug and tool therefor. 3,209,068, 9–28–65, Cl. 174—135.

Kish, George D., to Dresser Industries, Inc. Preassembled pipe coupling with ground connection. 3,213,187, 10–19–65, Cl. 174—84.

Kish, Michael, Jr., to Atlantic Products Corp. Golf bag cuff. 3,177,913, 4–13–65, Cl. 150—1.5.

Kishikawa, Kanichi, to Yawata Iron & Steel Co., Ltd. Method of rolling H-sectioned steel members and mill train for the same. 3,165,948, 1–19–65, Cl. 80—66.

Kishikawa, Kanichi, to Yawata Iron & Steel Co., Ltd. Method and apparatus for rolling wide flanged beams. 3,188,847, 6–15–65, Cl. 72—225.

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Klein, Fritz S. Pump for fluids. 3,180,278, 4–27–65, Cl. 103—235.
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Klein, George I., L. B. Post, and R. E. Newby, to Stauffer Chemical Co. Molecularly dehydrated phosphates. 3,210,-154, 10–5–65, Cl. 23—106.
Klein, Gerald I., to Westinghouse Electric Corp. Hollow waveguide discharge switching device having a capillary tube extending through the electrodes. 3,208,012, 9–21–65, Cl. 333—13.
Klein, Gerrit, and J. J. Z. van Zelst, to North American Philips Co., Inc. Device for the successive amplification of a number of low voltages. 3,213,290, 10–19–65, Cl. 307—88.5.
Klein, Hans C. Method and apparatus for producing a highly compressed operating gas for heat engines. 3,175,357, 3–30–65, Cl. 60—29.02.
Klein, Hans-Christof, to Alfred Teves, K.G. Valve for the charging of pressure accumulators. 3,224,456, 12–21–65, Cl. 137—115.
Klein, Hermann, to Robert Bosch, G.m.b.H. Starting-motor transmission for internal combustion engines. 3,182,515, 5–11–65, Cl. 74—7.
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Klein, James A., and N. V. Poletika; said Klein assor. to Reichhold Chemicals, Inc., and said Poletika assor. to Union Lumber Co. Phenolic adhesives and method. 3,213,045, 10–19–65, Cl. 161—262.
Klein, James S., to Klein Mfg. Co. Screw feed adjustment. 3,211,131, 10–12–65, Cl. 119—53.
Klein, John A., and S. J. Zuerker, to General Electric Co. Frequency compensated gain control circuit. 3,195,067, 7–13–65, Cl. 330—126.
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Klein, Joseph F., to Leeds and Northrup Co. Gas analyzing systems. 3,184,954, 5–25–65, Cl. 73—27.
Klein, Joseph J., to Union Carbide Corp. Cleaning and scouring pad. 3,175,331, 3–30–65, Cl. 51—400.
Klein, Karl. Packaging machine for the filling of plastic foil tubing. 3,173,233, 3–16–65, Cl. 53—182.
Klein, Karl J., to General Aniline & Film Corp. Method of azo dye chromation. 3,185,676, 5–25–65, Cl. 260—145.
Klein, Keith W.: *See*—
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Klein, Keith W., and D. B. Powell, to General Electric Co. Motor operating mechanism for use with an electric circuit breaker. 3,171,920, 3–2–65, Cl. 200—92.
Klein, Keith W., and D. B. Powell, to General Electric Co. Circuit breaker with remote trip-indicating means. 3,171,-927, 3–2–65, Cl. 200—116.
Klein, Keith W., and D. B. Powell, to General Electric Co. Precalibrated thermostatic latch assembly. 3,171,930, 3–2–65, Cl. 200—116.
Klein, Kurt K.: *See*—
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Klein, Leon, to General Electric Co. Control system for D.C. generator. 3,226,559, 12–28–65, Cl. 307—57.
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Klein, Martin G., to Yardney International Corp. Deferred-action battery. 3,173,812, 3–16–65, Cl. 136—90.
Klein, Martin L., H. C. Morgan, and R. B. Rush, to North American Aviation, Inc. High speed data conversion and handling. 3,197,759, 7–27–65, Cl. 340—347.
Klein, Martin L., H. C. Morgan, and R. B. Rush, to North American Aviation, Inc. Time filter. 3,214,693, 10–26–65, Cl. 328—48.
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Klein, Oscar J. C., E. F. Klenke, Jr., and C. W. Manger, to E. I. du Pont de Nemours and Co. Process for making nitridized titanium flake pigment. 3,205,084, 9–7–65, Cl. 106—291.
Klein, Perry I. Time and distance of closest approach detector of moving object. 3,195,136, 7–13–65, Cl. 343—112.
Klein, Peter M., to Natser Corp. d.b.a. Acco Products. Paper fastener. 3,176,363, 4–6–65, Cl. 24—153.
Klein, Pia-Maria. Expandable braided ornament. 3,190,086, 6–22–65, Cl. 66—193.
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Klein, Robert. Apparatus for steam treating the uppers of shoes. 3,203,018, 8–31–65, Cl. 12—1.
Klein, Robert I. Door guide. 3,195,171, 7–20–65, Cl. 16—90.
Klein, Robert J., and C. B. Bozos, to International Harvester Co. Oil filter. 3,165,467, 1–12–65, Cl. 210—130.
Klein, Robert J., and C. P. Bozos, to International Harvester Co. Pressure regulating valve. 3,202,177, 8–24–65, Cl. 137—514.7.
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Klein, Solomon A., and L. Polakoff. Kit for spot removal. 3,225,914, 12–28–65, Cl. 206—47.
Klein, Walter, to Ernst Leitz G.m.b.H. Wide field microscope objective. 3,176,583, 4–6–65, Cl. 88—57.
Kleinberg, Leonard L., to Gulton Industries, Inc. Quotient circuit. 3,205,348, 9–7–65, Cl. 235—196.
Kleine, Friedrich, to Hackethal-Droht- und Kabel-Werke Aktiengesellschaft. Apparatus for making jacketed tubular members. 3,225,385, 12–28–65, Cl. 18—13.
Kleineberg, Paul E., and N. E. Tress, to Harris-Intertype Corp. High speed signature side stitcher. 3,207,404, 9–21–65, Cl. 227—103.
Kleiner, Frederick W., G. T. Kuwayama, and F. Wahl, to Western Electric Co., Inc. Apparatus for stripping measured lengths of insulation. 3,168,845, 2–9–65, Cl. 81—9.51.
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Kleiner, Helmut, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of hydrolyzed acrylonitrile polymers. 3,200,102, 8–10–65, Cl. 260—88.7.
Kleinert, Theodor N., to The Lummus Co. Continuous impregnation, cooking, and washing of fibrous material. 3,215,588, 11–2–65, Cl. 162—19.
Kleinewefers, Joh., Sohne, Maschinenfabrik: *See*—
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Kleine-Weischede, Karl. Chain welding machine. 3,193,655, 7–6–65, Cl. 219—51.
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Beazer, Charles W., Reed, and Kleinmann. 3,165,236.

Kleinpeter, Edward W., to Ethyl Corp. Liquid displacement float switch. 3,184,566, 5–18–65, Cl. 200—112.

Kleinschmidt, Albert W., and K. Higashiuchi, to J. R. Short Milling Co. Packaged dough products for refrigerated storage. 3,177,081, 4–6–65, Cl. 99—172.

Kleinschmidt, Edward E., and W. F. Bradbury, to SCM Corp. Miniature bulletin printer. 3,201,514, 8–17–65, Cl. 178—33.

Kleinschmidt, Edward F., and J. A. Mankawich, to SCM Corp. Ribbon feed and reverse mechanism. 3,184,028, 5–18–65, Cl. 197—161.

Kleinschmidt, Edward F., C. P. and H. A. Anderson, C. H. Clark, and D. C. Sherrick, to SCM Corp. Receiver and selector mechanism. 3,187,096, 6–1–65, Cl. 178—33.

Kleinschmidt, Edward F., J. W. Ehrlich, and E. E. Podwojski, to SCM Corp. Keyboard communications equipment. 3,196,209, 7–20–65, Cl. 178—17.

Kleinschmidt, Edward F., J. W. Ehrlich, and E. E. Podwojski, to SCM Corp. Communications equipment printer. 3,204,-028, 8–31–65, Cl. 178—32.

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Kleinsorge, Earl W. Adjustable loading conveyor device for trucks, wagons and the like. 3,204,788, 9–7–65, Cl. 214—83.26.

Kleinsorge, George H. Ironing table. 3,206,881, 9–21–65, Cl. 38—137.

Kleinsteuber, Alfred T., to United States of America, Atomic Energy Commission. Method for preparation of spherical thorium dicarbide and thorium-uranium dicarbide particles. 3,171,715, 3–2–65, Cl. 23—14.5.

Kleinstück, Fritz. Machine for the manufacture of gears. 3,192,830, 7–6–65, Cl. 90—3.

Kleiss, Hendricus P., to Shell Oil Co. Suspended working platform unit. 3,183,997, 5–18–65, Cl. 182—82.

Kleiss, Louis D., to Phillips Petroleum Co. Equalization of loads on heat exchangers. 3,167,113, 1–26–65, Cl. 165—1.

Kleiss, Louis D., to Phillips Petroleum Co. Process controller. 3,174,298, 3–23–65, Cl. 62—211.

Kleiss, Louis D., and E. S. Palmer, to Phillips Petroleum Co. Natural gasoline recovery process control method. 3,206,394, 9–14–65, Cl. 208—341.

Kleiss, Louis D., to Phillips Petroleum Co. Analog process control apparatus. 3,223,107, 12–14–65, Cl. 137—93.

Kleist, Dale, and J. M. Hummel, and Owens-Corning Fiberglas Corp. Uniformity indicator. 3,218,844, 11–23–65, Cl. 73—37.5.

Kleist, Herman W., to Dole Refrigerating Co. Air conditioning unit for vehicles. 3,186,186, 6–1–65, Cl. 62—263.

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Kleist, Robert A., to Ampex Corp. Drive system for tape transport system. 3,185,364, 5–25–65, Cl. 226—24.

Kleist, Robert A., and J. Scarbrough, to General Precision, Inc. Inductive loop vehicle presence detector. 3,164,802, 1–5–65, Cl. 340—38.

Kleist, Robert A., and H. E. Sweeney, to General Precision, Inc. Direction sensing for interrogator responder signalling systems. 3,182,314, 5–4–65, Cl. 343—6.5.

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Klem, Fred J., to Tennessee Corp. Process of producing hydrogen fluoride in a two-stage procedure and effecting a rapid evolution and an effective recovery of the hydrogen fluoride by sweeping the second stage with a condensible inert gas. 3,218,128, 11–16–65, Cl. 23—153.

Klemchuk, Peter P., to Geigy Chemical Corp. Polyvinyl chloride stabilized with metal mono-alkyl phosphites. 3,219,605, 11–23–65, Cl. 260—23.

Klement, John F., to Ampco Metal, Inc. Aluminum bronze cylindrical shell. 3,176,410, 4–6–65, Cl. 34—110.

Klemke, Paul G. Revolving and translating aerial trapeze. 3,207,508, 9–21–65, Cl. 272—7.

Klemm, Kurt F. Baumann, and H.-S. Bien, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of vat dyestuffs. 3,167,557, 1–26–65, Cl. 260—276.

Klemp, Hans-Joachim: *See*—
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Klempay, Francis J. Hydraulically actuated pump. 3,192,-865, 7–6–65, Cl. 103—152.

Klempay, Francis J. Power spraying equipment. 3,215,316, 11–2–65. Cl. 222—167.

Klempay, Raymond T., to The McKay Machine Co. Shear-welder. 3,198,931, 8–3–65, Cl. 219—124.

Klemperer, Hans, to Refractory & Installation Corp. Means for clearing short circuits in electrical precipitators. 3,192,-688, 7–6–65, Cl. 55—139.

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Klepper, Herbert, and W. B. Abbott, to Eltra Corp. Distributing mechanism for linecasting machines. 3,225,908, 12–28–65, Cl. 199—33.

Klepper, Herbert, and W. B. Abbott, to Eltra Corp. Mold disk turning mechanism for linecasting machines. 3,225,-909, 12–28–65, Cl. 199—52.

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Klesper, Hugo, to Passavant-Werke. Sewage disposal by combustion. 3,166,032, 1–19–65, Cl. 110—10.

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Kliever, Waldo H. Interpolating binary scale reader. 3,213,-442, 10–19–65, Cl. 340—347.

Kliewer, Edward A., Sr. Air jet exhaust muffler. 3,186,511, 6–1–65, Cl. 181—51.

Klimak, Boleslaw, to Berg Airlectro Products. Pressure operated snap action switch. 3,177,313, 4–6–65, Cl. 200—83.

Kliman, Ivan M., to Sperry Rand Corp. Information transformation system. 3,217,317, 11–9–65, Cl. 340—347.

Klimaszewski, Irvin C., to Pittsburgh Plate Glass Co. Process for preparing zirconium oxides. 3,193,346, 7–6–65, Cl. 23—140.

Klimback, Kenneth K.: *See*—
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Klimboff, Morris, to The Flintkote Co. Bituminous roofing and siding material coated with exfoliated vermiculite. 3,207,619, 9–21–65, Cl. 117—27.

Klimkowski, Robert J., L. Amariti, and A. D. Janda, to Eugen Dietzgen Co. Method of making and method of using thermographic diazotype reproduction material. 3,224,878, 12–21–65, Cl. 96—49.

Klimo, Robert G., to TRW Inc. Silicon controlled rectifier circuit. 3,219,910, 11–23–65, Cl. 321—47.

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Counsell, Raymond E., and Klimstra. 3,193,564.
Counsell, Raymond E., and Klimstra. 3,200,133.
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Klimstra, Paul D., to G. D. Searle & Co. (Optionally 17-alkylated) 17-oxygenated 5α-androst-2-en-4-ones and intermediates thereto. 3,166,578, 1–19–65, Cl. 260—397.3.

Klimstra, Paul D., to G. D. Searle & Co. 2,3-oxygenated-17α-methyl-5α-androstan-17β-ols. 3,169,134, 2–9–65, Cl. 260—397.4.

Klimstra, Paul D., to G. D. Searle & Co. 17α-(aliphatic hydrocarbon)-4,5-epoxy-19-norandrostane-3β,17β-diols and lower alkanoates thereof. 3,176,013, 3–30–65, Cl. 260—239.55.

Klimstra, Paul D., to Searle, G. D., & Co. (Optionally 17,alkylate) androst-3-ene-5β,17β-diols and esters thereof. 3,183,-253. 5–11–65, Cl. 260—397.5.

Kline, Bernard L., and D. P. Roddin, to The Western Union Telegraph Co. Electrically inscribable lithographic offset printing plate. 3,220,345, 11–30–65, Cl. 101—149.2.

Kline, Donald D., to Hexcel Products, Inc. Welding timing circuit. 3,205,378, 9–7–65, Cl. 307—112.

Kline, Granville B.: *See*—
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Kline, Herbert J. Hot wire regulated mechanical movements. 3,166,655, 1–19–65, Cl. 200—113.

Kline, John C., to Eclipse Sleep Products, Inc. Stabilizers. 3,206,759, 9–14–65, Cl. 5—260.

Kline, Joseph D., to The Ryan Aeronautical Co. Analog computer voltage fluctuation compensator. 3,175,103, 3–23–65, Cl. 307—88.5.

Kline, Leo, T. F. Sugihara, and J. J. Meehan, to United States of America, Agriculture. Preparation of dried egg white. 3,170,804, 2–23–65, Cl. 99—210.

Kline, Richard, J. B. Reid, and R. A. Spence, to Bain Corp. Means for magnetically retaining an insole and last in assembled alignment. 3,166,771, 1–26–65, Cl. 12—141.

Kline, Richard M., and K. R. Pitcher. Trigger safety mechanism. 3,207,143, 9–21–65, Cl. 124—11.

Kline, Roger E., to Aerospace Components Corp. Static face-type floating seal. 3,184,246, 5–18–65, Cl. 277—168.

Kline, Robert E., and J. B. McKinley, to Gulf Research & Development Co. Starting up procedure in the hydrocracking of hydrocarbons. 3,213,012, 10–19–65, Cl. 208—110.

Klinefelter, Glenn B., to Gorton Heating Corp. Air valve for heating systems. 3,202,168, 8–24–65, Cl. 137—202.

Kling, Hans, to Ford Motor Co. Brake master cylinder construction. 3,214,914, 11–2–65, Cl. 60—54.6.

Kling, Harry P.: *See*—
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Sama, Lawrence, Kling, and Bender. 3,216,806.

Kling, Harry P., L. Sama, S. Priceman, W. W. Nijs, and A. Bahbout, to United States of America, Atomic Energy Commission. High temperature niobium-UO_2 nuclear fuel sheet. 3,202,585, 8–24–65, Cl. 176—69.

Kling, Harry P., and T. S. Weissmann, to Martin-Marietta Corp. Hafnium oxide-europium oxide compounds and compositions for reactor control elements. 3,219,593, 11–23–65, Cl. 252—478.

Kling, Nelson G.: *See*—
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Kling, Nelson G., to Technicon Instruments Corp. Roller type pump. 3,172,367, 3–9–65, Cl. 103—149.
Kling, Nelson G., to Technicon Chromatography Corp. Positive displacement pump. 3,220,351, 11–30–65, Cl. 103—153.
Kling, Olaf E., and J. P. Jorgenson. Cable clamps. 3,222,741, 12–14–65, Cl. 24—125.
Kling, William R., to Honeywell Inc. Sonar simulator. 3,169,162, 2–9–65, Cl. 35—10.4.
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Klingbeil, Alfred, and F. Szezinsky, to Franz Bergmann K.G. Pipetting device. 3,219,417, 11–23–65, Cl. 23—259.
Klingel, John B., to Struthers Scientific and International Corp. Muffler for fired heater autoclave system. 3,171,507, 3–2–65, Cl. 181—69.
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Klingemann, Georg, and F. Klöhn, to Continental Gummi-Werke Aktiengesellschaft. Tread structure for pneumatic vehicle tires. 3,185,199, 5–25–65, Cl. 152—209.
Klingenmaier, Otto J., to General Motors Corp. Method of sealing anodic aluminum oxide coatings. 3,171,797, 3–2–65, Cl. 204—35.
Klinger, Gunther H., to General Aniline & Film Corp. Color couplers containing a tertiary amino group. 3,183,095, 5–11–65, Cl. 96—100.
Klinger, Guy G.: *See*—
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Klinger, Guy G., to The Electric Storage Battery Co. Spectacle mounting for gas mask. 3,182,658, 5–11–65, Cl. 128—141.
Klinger, Hughlin E. Domestic water mixing and diverting valve assembly. 3,168,109, 2–2–65, Cl. 137—597.
Klinger, Hughlin E. Temperature mixing and diverting valve for domestic plumbing fixtures. 3,168,112, 2–2–65, Cl. 137—625.17.
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Klinger-Lohr, Hubert, to Istag A.G. Shut-off valve. 3,211,418, 10–12–65, Cl. 251—176.
Klinger-Lohr, Hubert, to Istag A.G. Piston valve with spring pressed head. 3,211,419, 10–12–65, Cl. 251—186.
Klingler, Fritz, A. Togel, and K. Wenzel, to Maschinenfabrik Augsburg-Nurnberg, A.G. Inking mechanism for rotary printing presses. 3,207,070, 9–21–65, Cl. 101—366.
Klingler, Harold P. Punching bag. 3,226,116, 12–28–65, Cl. 272—78.
Klingsberg, Erwin, to American Cyanamid Co. Preparation of dithiolium compounds. 3,186,995, 6–1–65, Cl. 260—294.8.
Klingsberg, Erwin, to American Cyanamid Co. 1,3-dithiolium derivatives and intermediates therefor. 3,187,009, 6–1–65, Cl. 260—327.
Klingsberg, Erwin, to American Cyanamid Co. Thiothiophthene compounds and processes. 3,211,749, 10–12–65, Cl. 260—327.
Klingsberg, Erwin, to American Cyanamid Co. Production of 1-bromo-2-(bromoacetyl)-anthraquinone. 3,211,754, 10–12–65, Cl. 260—376.
Klingsberg, Erwin, to American Cyanamid Co. 4,5-dicyano-1,3-dithiole-2-thione oxide and its preparation. 3,214,442, 10–26–65, Cl. 260—327.
Klingsberg, Erwin, to American Cyanamid Co. Process for 1,2-dithiole-3-thiones. 3,225,062, 12–21–65, Cl. 260—327.
Klingsberg, Erwin, and C. E. Lewis, to American Cyanamid Co. Quaternized N-alkylated arylazoimidazoles. 3,173,907, 3–16–65, Cl. 260—157.
Klinkhamer, Jacob F., to International Business Machines Corp. Error detecting and correcting systems. 3,222,643, 12–7–65, Cl. 340—146.1.
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Klipping, Gustav, to Max-Planck-Gesellschaft zur Forderung der Wissenschaften e. V. Cooling arrangement. 3,166,915, 1–26–65, Cl. 62—217.
Klipping, Gustav. Cryostat apparatus. 3,216,210, 11–9–65, Cl. 62—52.
Kliss, Charles J. Self-locking clothes line hanger. 3,189,323, 6–15–65, Cl. 254—198.
Kliss, Charles J. Hose clamps. 3,208,120, 9–28–65, Cl. 24—27.
Kliss, Robert M., and J. E. Harris, to Monsanto Research Corp. Method of producing a polymer from a cyano-substituted divalent radical species. 3,177,162, 4–6–65, Cl. 260—2.
Kloack, Robert C. Rotary driving tool with universal action. 3,213,719, 10–26–65, Cl. 81—71.
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Knight, Alan C., to E. I. du Pont de Nemours and Co. Preparation of tetrafluoroethylene. 3,210,430, 10–5–65, Cl. 260—653.3.
Knight, Carl P. Pusher type carrier scraper. 3,184,868, 5–25–65, Cl. 37—126.
Knight, Clarence E., to Automated Building Components, Inc. Connector. 3,172,171, 3–9–65, Cl. 20—92.
Knight, Colin S., to W. & R. Balston, Ltd. Polyhydroxy materials containing ion-exchange groups and non-ionic substituents and their method of preparation. 3,226,380, 12–28–65, Cl. 260—212.
Knight, Eugene F., and C. J. Ott. Dehydration apparatus. 3,170,776, 2–23–65, Cl. 55—221.
Knight, Francis E.: *See*—
Glaubke, Allen F., Knight, Lane, and Nelson. 3,176,875.
Knight, Francis J., to Johnson & Johnson. Dispenser-container. 3,209,964, 10–5–65, Cl. 222—545.
Knight, Frank, and R. R. Landless, to Loxhams Engineering Works Ltd. Lubrication of internal combustion engines and the like. 3,181,652, 5–4–65, Cl. 184—6.
Knight, Frank W.: *See*—
Gold, Nicholas, Knight, and Sable. 3,165,408.
Knight, Frederick J., and D. H. Thorburn, to The Powers Regulator Co. Pneumatic carrier system. 3,206,140, 9–14–65, Cl. 243—29.
Knight, Geoffrey P., to The Ever Ready Co., (Great Britain) Ltd. Electrical socket for dry battery assembly. 3,177,463, 4–6–65, Cl. 339—191.
Knight, George R., Jr., to John J. McMullen Associates, Inc. Bulk carrier and method for discharging same. 3,217,904, 11–16–65, Cl. 214—15.
Knight, Hogan B., and D. Swern, to United States of America, Agriculture. Phosphonated oils and phosphonated esters. 3,189,628, 6–15–65, Cl. 260—403.
Knight, Houston W., to FMC Corp. Apparatus for transferring fluid between vessels. 3,176,730, 4–6–65, Cl. 141—290.
Knight, J. B., Co., Inc., The: *See*—
Purtell, Rufus J. 3,220,654.
Knight, John W.: *See*—
Buckingham, Arthur G., Haney, Knight, and Roese. 3,189,298.

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Knight, Philip L., C. W. Sanzenbacher, H. R. Cranford, and J. D. Nesbitt, to Midland-Ross Corp. Atmosphere gas generator. 3,208,830, 9–28–65, Cl. 23—281.

Knight, Philip L., and C. Cone, to Midland-Ross Corp. Coating apparatus including means in control of thermal-pretreating device. 3,215,115, 11–2–65, Cl. 118—5.

Knight, Ralph D. Pleat board and clamp assembly. 3,217,952, 11–16–65, Cl. 223—72.

Knight, Richard L., to General Motors Corp. Axle control arm for vehicle suspension. 3,177,006, 4–6–65, Cl. 280—124.

Knight, Ronald G.: *See*—
Allum, Robin D., Mann, Bryan, and Knight. 3,199,083.

Knight, Ronald G., and A. C. Beadle, to International Standard Electric Corp. Voice-frequency key-dialing subscriber's station. 3,187,107, 6–1–65, Cl. 179—84.

Knight, Sheldon A., 40% to D. Q. Reed. Electronic location and guidance system. 3,206,751, 9–14–65, Cl. 343—105.

Knight, Sidney G., and F. V. Swanson, to Drott Mfg. Corp. Three section telescoping crane boom. 3,171,545, 3–2–65, Cl. 212—144.

Knight, Walter E., and J. E. Carroll, to United States of America, Navy. Propellant leak indicator. 3,217,689, 11–16–65, Cl. 116—114.

Knight, Warren N. N.: *See*—
Rowland, John, and Knight. 3,190,830.

Knight, William J.: *See*—
Long, Everett, Greaves, and Knight. 3,194,741.

Knightly, Richard T. W., to Lever Brothers Co. Handle operated foam generator and applicator. 3,181,196, 5–4–65, Cl. 15—525.

Knighton, James B., A. V. Hariharan, R. K. Steunenberg, and W. H. Hauschildt, to United States of America, Atomic Energy Commission. Preparation of thorium metal from the oxide. 3,164,462, 1–5–65, Cl. 75—84.1.

Knighton, James B., and R. K. Steunenberg, to United States of America, Atomic Energy Commission. Separation of plutonium, uranium and fission products from each other. 3,169,057, 2–9–65, Cl. 75—84.1.

Knighton, James B., H. M. Feder, and R. K. Steunenberg, to United States of America, Atomic Energy Commission. Regeneration of nuclear fuel. 3,218,160, 11–16–65, Cl. 75—84.1.

Knighton, James B., and A. V. Hariharan, to United States of America, Atomic Energy Commission. Process of preparing thorium metal from the oxide. 3,219,441, 11–23–65, Cl. 75—84.1.

Knights, Richard N., to Dowty Rotol Ltd. Racking mechanism for earth boring equipment. 3,177,944, 4–13–65, Cl. 166—77.5.

Knights, Richard N., and A. Tharratt, to Dowty Rotol Ltd. Jointed structures and method of making joints therefor. 3,217,532, 11–16–65, Cl. 73—103.

Knip, Dirk C. J., to Aerojet Delft Corp. Holder for storing sheet material. 3,223,235, 12–14–65, Cl. 206—74.

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Knipp, Ulrich, and K. Oberbach, to Farbenfabriken Bayer Aktiengesellschaft. Vehicle tire. 3,208,500, 9–28–65, Cl. 152—327.

Knippel, Willis H., to Pullman Inc. Fifth wheel stand elevating mechanism. 3,189,306, 6–15–65, Cl. 248—119.

Knippel, Willis H., to Pullman Inc. Load-gate steering arrangement. 3,215,092, 11–2–65, Cl. 105—376.

Knippenberg, Wilhelmus F., and A. Huizing, to North American Philips Co., Inc. Method of connecting graphite articles to one another or to articles of different materials. 3,196,536, 7–27–65, Cl. 29—472.7.

Knippers, Gustav. Process for separating nonferrous metals from steel. 3,194,750, 7–13–65, Cl. 204—146.

Knippers, Gustav. Apparatus for the separation from steel of surface coatings of non-ferrous metals. 3,216,917, 11–9–65, Cl. 204—236.

Knippers, Gustav, and J. C. Grober; said Grober assor. to said Knippers. Method of detinning tin-plate. 3,198,720, 8–3–65, Cl. 204—121.

Knirsch, Hermann, to Escher Wyss Aktiengesellschaft. Emergency shut-down device for gas-turbine power plant. 3,188,812, 6–15–65, Cl. 60—59.

Knisely, Victor D., and C. H. Rennels. Replaceable truck flap. 3,195,920, 7–20–65, Cl. 280—154.5.

Knittel, Richard R.: *See*—
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Knobel, Max: *See*—
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Knobel, Max. Apparatus for gaging wide sheet-form work. 3,164,981, 1–12–65, Cl. 73—37.5.

Knobel, Max. Work dimension and position detecting, indicating and controlling method and apparatus. 3,194,055, 7–13–65, Cl. 73—37.5.

Knobel, Max. Air gage nozzle. 3,210,988, 10–12–65, Cl. 73—37.9.

Knobloch, George H. Furnace including refractory sealing sleeve for the nozzle of an oil burner. 3,202,197, 8–24–65, Cl. 158—4.

Knobloch, James O., and R. V. Malo, to Standard Oil Co. Removal of metal contaminants from activated carbon. 3,168,485, 2–2–65, Cl. 252—444.

Knoblock, Frederick D. Folding typewriter tables. 3,217,673, 11–16–65, Cl. 108—157.

Knochel, William J., to Westinghouse Electric Corp. Lighting device and electrical connection therefor. 3,189,786, 6–15–65, Cl. 315—71.

Knocklein, Herman P., to Avien, Inc. Film scanning transmission system using fiber optics. 3,198,881, 8–3–65, Cl. 178—6.7.

Knodel, Charles H., Jr., to American Can Co. Inclined welding station. 3,207,882, 9–21–65, Cl. 219—64.

Knoebel, Alfred J.: *See*—
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Knoedler, Fred E. and R. L., to Knoedler Manufactures, Inc. Blending auger. 3,168,291, 2–2–65, Cl. 259—9.

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Knoedler, Robert L.: *See*—
Knoedler, Fred E. and R. L. 3,168,291.

Knoepfler, Nestor B., H. K. Gardner, Jr., and H. L. E. Vix, to United States of America, Agriculture. Process of resin treating a cotton batting. 3,181,225, 5–4–65, Cl. 28—75.

Knoevenagel, Kurt, and R. Himmelreich, to C. F. Spiess & Sohn Chemische Fabrik. New esters of isopropylidene glucose and process of preparing the same. 3,171,832, 3–2–65, Cl. 260—210.

Knohl, Friedrich K., to Illinois Tool Works Inc. Screw fastener. 3,207,023, 9–21–65, Cl. 85—46.

Knohl, Herbert, to The Kendall Co. Circular knit elastic garments. 3,187,522, 6–8–65, Cl. 66—186.

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Knoll, David, and A. Greenhaus, to Berko Electric Mfg. Corp. Electric space heater unit. 3,176,117, 3–30–65, Cl. 219—370.

Knoll, Fritz. Skinning knife. 3,221,406, 12–7–65, Cl. 30—272.

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Knopp, Rolf A.: *See*—
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Knosp, Robert N., to The Fosdick Machine Tool Co. Automatic head positioning apparatus for machine tools. 3,171,301, 3–2–65, Cl. 77—4.

Knosp, Robert N., to The Fosdick Machine Tool Co. Differential drive for positioning the shiftable member of a machine tool. 3,224,297, 12–21–65, Cl. 74—675.

Knospe, Robert H., to E. I. du Pont de Nemours and Co. Differential shrinkage yarn. 3,225,534, 12–28–65, Cl. 57—140.

Knoth, Harold M., to Deere & Co. Wafering machine convertible die structure. 3,198,141, 8–3–65, Cl. 107—14.

Knoth, Norman P., to Warwick Electronics Inc. Magnetic tape recorder and reproducing machine. 3,196,214, 7–20–65, Cl. 179—100.2.

Knoth, Roy J., and N. A. Matthews, to The International Nickel Co., Inc. Alloy steel and cast roll made therefrom. 3,166,407, 1–19–65, Cl. 75—128.

Knoth, Walter H., Jr., to E. I. du Pont de Nemours and Co. Boron hydride carbonyl compounds and processes for making them. 3,166,378, 1–19–65, Cl. 23—14.

Knotowicz, Aloysius E., to The Patent Button Co. Indicating device. 3,201,785, 8–17–65, Cl. 340—378.

Knotowicz, Aloysius E., to The Patent Button Co. Display wheel for converting binary code to display position. 3,218,625, 11–16–65, Cl. 340—324.

Knots, Jacob A., to Adriaan Honig's Kunsthars-Industrie N.V. Method of preparing mixtures containing an amine accelerator. 3,186,960, 6–1–65, Cl. 260—24.

Knott, Joseph F., III: *See*—
Gaylord, William M., Jr., and Knott. 3,201,205.

Knott, Philip H. Changeable light reflective devices including animated toys and decorative ornaments. 3,164,923, 1–12–65, Cl. 46—49.

Knott, Philip H. Animated doll's face. 3,180,054, 4–27–65, Cl. 46—135.

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Knowles, Carl H., to Motorola, Inc. Transistor comprising prong-shaped emitter electrode. 3,214,652, 10–26–65, Cl. 317—235.

Knowles, Dennis H., to Miehle-Goss-Dexter, Inc. Bearer ring design for four cooperating cylinders. 3,196,788, 7–27–65, Cl. 101—217.
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Cole, Edward L., and Knowles. 3,182,016.
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Knowles, Edwin C., and E. L. Kay, to Texaco Inc. Lubricating compositions containing amine salts of boron-containing compounds. 3,185,644, 5–25–65, Cl. 252—33.6.
Knowles, Edwin C., and E. L. Kay, to Texaco Inc. Lubricating compositions containing borate esteramine complexes. 3,200,074, 8–10–65, Cl. 252—49.6.
Knowles, Edwin C., M. A. Wiley, and E. L. Kay, to Texaco Inc. Borate esters and lubricant compositions containing said esters. 3,224,971, 12–21–65, Cl. 252—46.3.
Knowles, James, T. R. Stockton, and N. T. General, to Ford Motor Co. Power transmission mechanism. 3,199,377, 8–10–65, Cl. 74—732.
Knowles, James, T. R. Stockton, and N. T. General, to Ford Motor Co. Power transmission mechanism with multiple performance range. 3,212,357, 10–19–65, Cl. 74—677.
Knowles, John G. Check valves. 3,219,057, 11–23–65, Cl. 137—539.
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Knowles, Thomas A., and H. A. Schroeder, to Olin Mathieson Chemical Corp. Bis(azidodiarylphosphine) decaboranes and a process for their preparation. 3,183,251, 5–11–65, Cl. 260—349.
Knowlton, Edward A., to United-Carr Inc. Snap fastener assembly and decorative part for the same. 3,206,818, 9–21–65, Cl. 24—208.
Knox, David R., to Bundy Tubing Co. Method of making a push rod. 3,191,290, 6–29–65, Cl. 29—475.
Knox, Francis S., III, and H. J. Hall, Jr. Coronary sinus sucker. 3,169,528, 2–16–65, Cl. 128—350.
Knox, Granville S., to Hydril Co. Valve operator. 3,182,524, 5–11–65, Cl. 74—625.
Knox, Granville S., to Hydril Co. Reverse flow tubing valve. 3,193,016, 7–6–65, Cl. 166—184.
Knox, Granville S., to Hydril Co. Auxiliary coupling and de-coupling for fluid drive. 3,217,604, 11–16–65, Cl. 91—44.
Knox, Granville S., to Hydril Co. Apparatus and method for packing off multiple tubing strings. 3,225,831, 12–28–65, Cl. 166—75.
Knox, Harold W., to The Firestone Tire & Rubber Co. Vulcanizing member with venting means. 3,170,195, 2–23–65, Cl. 18—45.
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Knox, John E., Jr., to Sheldon Machine Co., Inc. Feed and dwell system. 3,212,372, 10–19–65, Cl. 82—21.
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Knox, Lawrence H., to Syntex Corp. 5,10-methylene-19-nor-androstanes, -androstenes and -androstadienes. 3,184,485, 5–18–65, Cl. 260—397.4.
Knox, Lawrence H., to Syntex Corp. 5,10-seco-5,19-cyclo-steroids of the androstane and pregnane series. 3,185,681, 5–25–65, Cl. 260—239.5.
Knox, Lawrence H., to Syntex Corp. Methylene-19-nor-pregnanes, pregnenes and pregnadienes. 3,185,714, 5–25–65, Cl. 260—397.3.
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Knox, Lewis A., to International Business Machines Corp. Magnetic transducing apparatus. 3,193,821, 7–6–65, Cl. 340—347.
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Armstrong, Lee J. 3,164,349.
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Bieschke, Hillard J. 3,191,663.
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Knox, Paul M., Jr., and J. L. McGrew, to Martin-Marietta Corp. Liquefied gas container insulation. 3,224,623, 12–21–65, Cl. 220—9.
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Knox-Seith, John K., to Sylvania Electric Products Inc. Matrix switch. 3,175,127, 3–23–65, Cl. 317—101.
Knox, Walter R., and R. Libers, to Monsanto Co. Transalkylation of aromatic hydrocarbons with a heteropoly acid catalyst. 3,221,072, 11–30–65, Cl. 260—672.
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Knox, William J., Jr., and R. E. Sticker, to Eastman Kodak Co. Derivatives of certain highly branched chain acids as coating aids. 3,165,409, 1–12–65, Cl. 96—94.
Knox, William J., Jr., and R. E. Sticker, to Eastman Kodak Co. Photographic gelatin layers containing the salts of various alkyl and alkenyl succinamates as coating aids. 3,169,870, 2–16–65, Cl. 96—94.
Knox, William J., Jr., and R. E. Sticker, to Eastman Kodak Co. Gelatin compositions containing salts of half esters of sulfo-succinic acid as coating aids therefor. 3,201,252, 8–17–65, Cl. 96—94.
Knox, William J., Jr., and R. E. Sticker, to Eastman Kodak Co. Photographic gelatin layers containing the water-soluble salts of various half esters of substituted succinic acid as coating aids. 3,220,847, 11–30–65, Cl. 96—94.
Knox, William W., to Mag-Nif, Inc. Tool and method for making ribbon decorations. 3,194,459, 7–13–65, Cl. 223—46.
Knoy, Maurice G., to Rostone Corp. Molded electrical insulator. 3,225,133, 12–21–65, Cl. 174—212.
Knudsen, Erik, to Slagteriernes Forskningsinstitut. Apparatus for determination of the distribution of meat and fat in slaughtered animals or parts thereof. 3,224,320, 12–21–65, Cl. 88—14.
Knudsen, James B., to Moore Business Forms, Inc. Apparatus for decollating zig-zag folded multi-ply webs. 3,214,160, 10–26–65, Cl. 270—52.5.
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Knudsen, John P., and H. G. Clark III, to Monsanto Co. Method of preparing void free fibers acrylonitrile polymers. 3,180,845, 4–27–65, Cl. 260—30.8.
Knudsen, Karen E., to Farve-og Lakfabriken S. Dyrup & Co., Aktieselskab. Multi-color coating compositions and methods of preparation thereof. 3,185,653, 5–25–65, Cl. 260—4.
Knudsen, Knud J., to Lewis Engineering Co. Resistive network temperature compensator using resistors having positive, negative, and zero temperature characteristics. 3,179,885, 4–20–65, Cl. 324—105.
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Gubler, Kurt, and Knusli. 3,206,491.
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Knusli, Enrico, to J. R. Geigy, A.-G. Herbicidal compositions and method for inhibiting the growth of plants therewith. 3,202,499, 8–24–65, Cl. 71—2.5.
Knusli, Enrico, J. Rumpf, and G. A. Klein, to J. R. Geigy, A.-G. Triazine composition and method of influencing the growth of plants thereby. 3,195,998, 7–20–65, Cl. 71—2.5.
Knusli, Enrico, and W. Stammbach, to J. R. Geigy, A.-G. Manufacture of herbicidal 2-methylthio-4,6-bis-amino-s-triazine derivatives. 3,207,756, 9–21–65, Cl. 260—249.8.
Knusli, Enrico, J. Rumpf, and H. Gysin, to J. R. Geigy, A.G. Method of eliminating annual weeds. 3,218,148, 11–16–65, Cl. 71—2.5.
Knuth, Harvey G., to Lyon Metal Products, Inc. Adjustable storage rack. 3,221,894, 12–7–65, Cl. 211—134.
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Knutson, Stig E., and R. K. Wallin, to Mölnlycke Aktiebolag Camouflage net. 3,199,547, 8–10–65, Cl. 139—383.
Ko, Wen-Hsiung, to Research Corp. Tunnel diode frequency modulator and transmitter system. 3,212,027, 10–12–65, Cl. 332—16.
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Kobayashi, Kanjiro, and H. Ohta, to Nihon Surfactant Industries Co. Ltd. Pyridoxine 3,4-diacylates and their preparation. 3,186,996, 6–1–65, Cl. 260—295.

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Kobayashi, Kyoji, T. Enomoto, and S. Nojima, to Anritsu Electronic Works, Ltd. Distance measuring system. 3,213,-449, 10–19–65, Cl. 343—12.
Kobayashi, Shinjiro, to Maruman Co. Ltd. Liquid gas fueled lighter. 3,174,309, 3–23–65, Cl. 67—7.1.
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Kobayashi, Shoji. Metallic mold for forming a shaped article. 3,164,864, 1–12–65, Cl. 18—42.
Kobayashi, Shoji. Rotary injection moulding machine. 3,173,176, 3–16–65, Cl. 18—30.
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Kobayashi, Tetsuo, and Z. Nakano, to Hitachi, Ltd. Method of assembling the actuating mechanism for air-blast circuit breakers. 3,198,917, 8–3–65, Cl. 200—148.
Kobayashi, Yasushi, to Prince Jidosha Kogyo Kabushiki-Kaisha. Device for projecting weft yarns in fluid jet type shuttleless loom. 3,180,368, 4–27–65, Cl. 139—127.
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Kobbe, John R., to Tektronix, Inc. Transmission line circuit having termination impedance which includes emitter junction of transistor. 3,168,656, 2–2–65, Cl. 307—88.5.
Kobbe, John R., to Tektronix, Inc. Intensity control compensation circuit for use in a cathode ray oscilloscope. 3,168,-679, 2–2–65, Cl. 315—30
Kobbe, John R., to Tektronix, Inc. Deflection amplifier compensation linearizer circuit. 3,185,887, 5–25–65, Cl. 315—26.
Kobbe, John R., and S. R. McCutcheon, to Tektronix, Inc. Pulse counter. 3,219,801, 11–23–65, Cl. 235—92.
Kobe, Inc.: *See*—
Coberly, Clarence J. 3,185,517.
Coberly, Clarence J. 3,212,445.
Coberly, Clarence J., Brown, and Williams. 3,194,174.
Coberly, Clarence J., and Kogut. 3,172,469.
McArthur, Ralph F., and M. R. Mecusker. 3,182,598.
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Kobel, Hans: *See*—
Heim, Roger, Hofmann, Brack, Kobel, and Cailleux. 3,183,172.
Hofman, Albert, Brack, Kobel, Heim, and Cailleux. 3,192,111.
Rutschmann, Jürg, and Kobel. 3,219,545.
Kobelt, Jack R. Marine control apparatus. 3,202,011, 8–24–65, Cl. 74—472.
Kober, Ehrenfried H.: *See*—
Ottmann, Gerhard F., Hooks, Kober, Ratz, and Ristich. 3,197,464.
Kober, Ehrenfried H., to Olin Mathieson Chemical Corp. Purification of organic isocyanates. 3,179,680, 4–20–65, Cl. 260—453.
Kober, Ehrenfried H., to Olin Mathieson Chemical Corp. Hydrogenolysis or trichloromethyl-substituted compounds. 3,226,386, 12–28–65, Cl. 260—248.
Kober, Ehrenfried H., and W. J. Schnabel, to Olin Mathieson Chemical Corp. Process for the recovery of organic isocyanates. 3,169.141, 2–9–65, Cl. 260—453.
Kober, Ehrenfried H., and T. B. Larcher, Sr., to Olin Mathieson Chemical Corp. Process for reducing the hydrolyzable chlorine content of organic isocyanates. 3,219,678, 11–23–65, Cl. 260—453.
Kober, William, to The Garrett Corp. Variable voltage transformer. 3,187,283, 6–1–65, Cl. 336—119.
Kober, William, to The Garrett Corp. Spiral bearing support. 3,192,422, 6–29–65, Cl. 310—191.
Kober, William, to The Garrett Corp. Temperature compensating mounting for dynamos. 3,200,276, 8–10–65, Cl. 310—191.
Kober, William, to The Garrett Corp. Temperature compensating mounting for dynamos. 3,200,277, 8–10–65, Cl. 310—209.
Kober, William, to The Garrett Corp. Variable voltage transformer. 3,212,039, 10–12–65, Cl. 336—77.
Kober, William, to The Garrett Corp. Dynamo supporting structure. 3,221,193, 11–30–65, Cl. 310—90.
Kobernuss, David N.: *See*—
Langlois, Clifford A., Sanborn, and Kobernuss. 3,207,-858.
Kobetz, Paul: *See*—
Beaird, Francis M., Jr., and Kobetz. 3,188,333.
Beaird, Francis M., Jr., and Kobetz. 3,188,334.
Beaird, Francis M., Jr., and Kobetz. 3,226,408.
Beaird, Francis M., Jr., and Kobetz. 3,226,409.
Becker, Warren E., and Kobetz. 3,171,850.
Kobetz, Paul, to Ethyl Corp. Preparation of compounds of metals of groups I–A and II–B. 3,171,848, 3–2–65, Cl. 260—429.9.
Kobetz, Paul, to Ethyl Corp. Organobimetallic hydrides of group I–A and II–B metals and preparation thereof. 3,171,-849, 3–2–65, Cl. 260—429.9.
Kobetz, Paul, to Ethyl Corp. Preparation of alkali metal substituted aromatic hydrocarbons. 3,206,518, 9–14–65, Cl. 260—665.
Kobetz, Paul, and F. M. Beaird, Jr., to Ethyl Corp. Preparation of tetramethyl lead. 3,188,332, 6–8–65, Cl. 260—437.
Kobetz, Paul, and F. M. Beaird, to Ethyl Corp. Process for manufacture of tetramethyllead. 3,192,240, 6–29–65, Cl. 260—437.
Kobi, Robert, to Belmag-Zurich, Beleuchtungs-und Metallindustrie A.G. Dispenser for continuous toweling. 3,215,-481, 11–2–65, Cl. 312—38.
Koble, Robert A., to Phillips Petroleum Co. Recovery of uranium and vanadium. 3,210,151, 10–5–65, Cl. 23—14.5.
Koble, Robert L., Jr.: *See*—
Goettl, Adam D., and Koble. 3,222,909.
Koble, Robert L., Jr., to McGraw-Edison Co. Evaporative cooler construction. 3,197,183, 7–27–65, Cl. 261—36.
Koble, Robert L., Jr., to McGraw-Edison Co. Electrostatic air cleaner. 3,222,848, 12–14–65, Cl. 55—131.
Koblensky, Joseph P. Power window operator. 3,199,858, 8–10–65, Cl. 268—97.
Koblensky, Joseph P. Process for manufacturing a glazing unit. 3,212,179, 10–19–65, Cl. 29—451.
Kobler, Richard, D. O. Smith, B. N. Whitlock, and J. Peterpaul, to McGraw-Edison Co. Teaching machine. 3,174,233, 3–23–65, Cl. 35—9.
Koblischek, Kurt, to Willi Zorn. Satchel. 3,214,922, 11–2–65, Cl. 62—3.
Koblischek, Peter: *See*—
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Kobos, Roman L.: *See*—
Peyrebrune, Henri E., and Kobos. 3,186,338.
Kobryner, Herman H., to Murray Mfg. Corp. Fusible knife-blade switch having a driving bar for both disconnecting the make-break free end and rotating the hinge end from their respective blade contacts. 3,211,859, 10–12–65, Cl. 200—114.
Kobryner, Herman H., to Murray Mfg. Corp. Meter mount. 3,221,216, 11–30–65, Cl. 317—104.
Kobus, Lawrence C., to Shell Oil Co. Stabilized floating drilling platform. 3,224,401, 12–21–65, Cl. 114—.5.
Kobus, Lawrence C., to Shell Oil Co. Stabilized floating drilling platform. 3,224,402, 12–21–65, Cl. 114—.5.
Kobus, Stanislas: *See*—
Benmussa, Henri, Marty, and Kobus. 3,226,486.
Kobus, Stanislas, to International Standard Electric Corp. Selecting finger arrangement including damping means for use in crossbar switches. 3,226,518, 12–28–65, Cl. 200—166.
Kocay, Witold R., A. G. Comolli, and J. A. McKee, to American Cyanamid Co. Art of dehydrating fibers with lubricating and antistatic coatings. 3,164,650, 1–5–65, Cl. 264—130.
Koch, Alan J., to Whirlpool Corp. Tubular evaporator. 3,163,996, 1–5–65, Cl. 62—276.
Koch, Bernhard: *See*—
Herrmann, Gustav, and Koch. 3,188,700.
Koch, Bernhard, to Grob & Co. Aktiengesellschaft. Weight for a jacquard heddle. 3,187,780, 6–8–65, Cl. 139—90.
Koch, Bernhard, to Grob & Co. Aktiengesellschaft. Riderless weaving frame. 3,221,777, 12–7–65, Cl. 139—92.
Koch, Carl. Photographic camera diaphragm. 3,175,480, 3–30–65, Cl. 95—64.
Koch, Carl. Evaluation device for a photoelectric exposure meter. 3,199,776, 8–10–65, Cl. 235—64.7.
Koch, Edward T., Jr.: *See*—
Moss, James R., and Koch. 3,219,394.
Koch, Edwin R.: *See*—
Heggie, Robert, and Koch. 3,205,075.
Koch, Eugene: *See*—
Agnew, Stanley A., Koch, and Ferraioli. 3,221,134.
Koch, George E.: *See*—
Barrett, William G., and Koch. 3,188,401.
Koch, George P., to Massey-Ferguson Inc. Control mechanism for material handling apparatus. 3,212,659, 10–19–65, Cl. 214—132.
Koch, Gerhard, and K. Koepernik, to Kali-Chemie Aktiengesellschaft. Catalyst carrier and method of preparation thereof. 3,184,414, 5–18–65, Cl. 252—455.
Koch, Gerold, J. W. Zimmermann, and F. Winkler, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. Process for the manufacture of modified polyvinyl alcohols. 3,172,876, 3–9–65, Cl. 260—85.7.
Koch, H., & Sons: *See*—
Gaylord, John A. 3,163,905.
Gaylord, John A. 3,165,763.
Gaylord, John A. 3,165,803.
Gaylord, John A. 3,182,928.
Gaylord, John A. 3,183,568.
Gaylord, John A. 3,185,148.
Gaylord, John A. 3,187,395.
Sheffield, Harold B. 3,179,076.
Sheffield, Harold B., and Christofferson. 3,179,009.
Koch, Hans, to H. and V. Koch, trading as Ritterwerk F. Ritter & Sohn. Device for comminuting vegetables, fruit or the like, by grating. 3,195,598, 7–20–65, Cl. 146—177.
Koch, Heinrich, to F. Joh. Kwizda-Chem. Fabrik. Process for preparing 1,4-endoalkylene-Δ^5-cyclohexene-2,3-trans-dicarboxylic esters. 3,225,084, 12–21–65, Cl. 260—468.

Koch, Herman G., to Johns-Manville Corp. Mechanical seal for fluid transfer means. 3,190,660, 6–22–65, Cl. 277—59.
Koch, Howard A., Jr., and L. R. Kern, to The Atlantic Refining Co. Method of recovering oil from underground reservoir. 3,209,824, 10–5–65, Cl. 166—9.
Koch, Jacob, and M. Jost, to Ciba Ltd. Process for the colouration of polyester fiber material. 3,178,252, 4–13–65, Cl. 8—39.
Koch, Jacob, and M. Jost, to Ciba Ltd. New anthraquinone dyestuffs. 3,185,698, 5–25–65, Cl. 260—303.
Koch, Jakob. Rotor end sealing means for rotary regenerative heat exchangers. 3,166,118, 1–19–65, Cl. 165—9.
Koch, Jakob, to Svenska Rotor Maskiner Aktiebolag. Regenerative air preheater with stationary heat retaining mass and revolving connections. 3,203,471, 8–31–65, Cl. 165—4.
Koch, John E., Jr., to Celanese Corp. of America. Metal working fluids. 3,202,607, 8–24–65, Cl. 252—49.5.
Koch, John G., to Motorola, Inc. Transistor voltage comparator circuit. 3,178,583, 4–13–65, Cl. 307—88.5.
Koch, John H., to Burtek, Inc. Method for making display device. 3,180,774, 4–27–65, Cl. 156—73.
Koch, John H., Jr.: *See*—
Rylander, Paul N., and Koch. 3,177,258.
Koch, John J., Jr., to Engelhard Industries, Inc. Process for hydrogenating carbocyclic aromatic compounds. 3,183,278, 5–11–65, Cl. 260—667.
Koch, Lawrence E., to Louis A. M. Phelan. Dispensing freezer beater and mounting therefor. 3,170,676, 2–23–65, Cl. 259—45.
Koch, Lawrence E., to L. A. M. Phelan. Dispensing freezer. 3,172,422, 3–9–65, Cl. 137—375.
Koch, Paul C., and N. A. Zambrano Jr., to The A. C. Gilbert Co. Microprojector. 3,205,770, 9–14–65, Cl. 88—24.
Koch, Richard C., to Rochez Bros. Inc. Punch press. 3,213,729, 10–26–65, Cl. 83—124.
Koch, Robert B., to The Delman Co. Fluid dispenser and container. 3,171,446, 3–2–65, Cl. 141—24.
Koch, Robert B., to Honeywell Inc. Condition responsive devices. 3,194,669, 7–13–65, Cl. 99—192.
Koch, Robert B., and R. P. Keller, to Honeywell Inc. Condition responsive devices. 3,167,961, 2–2–65, Cl. 73—356.
Koch, Roderic M. Artificial candle. 3,194,955, 7–13–65, Cl. 240—10.64.
Koch, Ronney R., J. Ramos, and H. C. McLaughlin, to Halliburton Co. Composition and method for stabilization of soil. 3,223,163, 12–14–65, Cl. 166—33.
Koch, Rudolf. Fused connecting plug having fuses which can be removed without disassembly of the housing and an indicating lamp for indicating a fuse disruption. 3,218,413, 11–16–65, Cl. 200—115.5.
Koch, Stanley D., to Monsanto Research Corp. Method of operating a propulsion engine with polysubstituted methane fuel. 3,165,887, 1–19–65, Cl. 60—35.4.
Koch, Viktoria: *See*—
Koch, Hans. 3,195,598.
Koch, Walter: *See*—
Meyer, Kurt, Rausch, Heitmann, and Koch. 3,180,725.
Koch, Walter H. Garbage can support. 3,178,142, 4–13–65, Cl. 248—146.
Koch, Werner, to Roland Offsetmaschinenfabrik Faber & Schleicher AG. Perfecting web rotary offset printing press with slanted units. 3,177,804, 4–13–65, Cl. 101—177.
Koch, Wilhelm. Jaw crusher. 3,169,713, 2–16–65, Cl. 241—266.
Koch, William H., to Crowley Fence Co. Inc. Automatic gravity return bump gates. 3,199,237, 8–10–65, Cl. 39—31.
Koch, William L. Pile forming method. 3,188,816, 6–15–65, Cl. 61—46.
Kochalski, Horst, W. Rudszinat, H. David O. Erdmann, L. Rode, and H. Suck, to Hauni Werke, Korber & Co., KG. Method of and apparatus for handling cigarettes and like elongated articles. 3,190,459, 6–22–65, Cl. 214—1.
Kochaney, Eugene E.: *See*—
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Hahn, Harold G., Kochaney, and Modeen. 3,175,926.
Kochaver, Theodore M., to United States Steel Corp. Pipe line vent. 3,168,103, 2–2–65, Cl. 137—202.
Kocher, Erich J., to Vilter Mfg. Corp. Bin unloader. 3,190,468, 6–22–65, Cl. 214—17.
Kocher, Erich J., to Vilter Mfg. Corp. Refrigerating apparatus with oil separator means. 3,201,949, 8–24–65, Cl. 62—192.
Kocher, Erich J., to Vilter Mfg. Corp. Latent heat storage tank. 3,215,193, 11–2–65, Cl. 165—164.
Kocher, Leo F., to United States of America, Atomic Energy Commission. Film badge system and method of using. 3,202 821, 8–24–65, Cl. 250—83.
Kocherhans, John: *See*—
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Kochey, Edward L., Jr.: *See*—
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Kochey, Edward L., Jr., to Combustion Engineering, Inc. Apparatus and method for operating a forced flow once-through vapor generator. 3,164,134, 1–5–65, Cl. 122—406.
Kochey, Edward L., Jr., to Combustion Engineering, Inc. Apparatus and method for starting a vapor generating power plant. 3,189,006, 6–15–65, Cl. 122—406.
Kochey, Edward L., Jr., to Combustion Engineering, Inc. Self-compensating low velocity trip or alarm device. 3,225,340, 12–21–65, Cl. 340—239.
Kochi, Jay K., to Shell Oil Co. Alcohols from unsaturated hydrocarbons and carbonyl compounds. 3,198,841, 8–3–65, Cl. 260—618.
Kochi, Jay K., to Shell Oil Co. Production of unsaturated esters. 3,210,402, 10–5–65, Cl. 260—476.
Kochner, Regina L.: *See*—
Kochner, William B. 3,191,616.
Kochner, William B. 3,197,144.
Kochner, William B., deceased (by R. L. Kochner, administratrix), to Knapp-Monarch Co. Pressure regulator for dispensing apparatus. 3,191,616, 6–29–65, Cl. 137—505.25.
Kochner, William B., deceased, by R. L. Kochner, administratrix, to Knapp-Monarch Co. Dispensing apparatus for ebullient liquids. 3,197,144, 7–27–65, Cl. 239—308.
Kochums Mekaniska Verkstads AB: *See*—
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Koci, Jerry C., S. M. Heide, and A. Holz, to Chicago Dynamic Industries, Inc. Actuating mechanism for a thumbwheel type switch. 3,182,141, 5–4–65, Cl. 200—17.
Koci, Ludvik F.: *See*—
Dilworth, Thomas B., and Koci. 3,212,456.
Jepson, Ivar, and Koci. 3,221,127.
Koci, Ludvik F., to General Motors Corp. Leveling pad arrangement. 3,191,552, 6–29–65, Cl. 105—176.
Kocian, James A., to Interlake Steel Corp. Strap stretching tool. 3,194,541, 7–13–65, Cl. 254—51.
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Kock, Erhard, to Ransburg Electro-Coating Corp. Air actuated electrical switch. 3,187,134, 6–1–65, Cl. 200—81.9.
Kock, Rune, to Vdo Tachometer Werke Adolf Schindling G.m.b.H. Holding device for logs, particularly propeller logs. 3,175,396, 3–30–65, Cl. 73—187.
Kock, Winston E. Transistorized door annunciator utilizing capacitor discharge. 3,196,432, 7–20–65, Cl. 340—384.
Kockums Jernverks Aktiebolag: *See*—
Ottinge, Gustav B. 3,199,188.
Kocsuta, Michael. Pretreatment of metallic base materials to be used in photoengraving processes. 3,188,211, 6–8–65, Cl. 96—36.
Kocsuta, Michael. Pretreatment of iron containing base plates and their use in photoengraving. 3,189,450, 6–15–65, Cl. 96—36.
Koda, Nobuo, and L. S. Yaggy, to Hughes Aircraft Co. Scan-conversion cathode ray tube having a photoconductor storage element of the field-sustained conductivity type. 3,164,743, 1–5–65, Cl. 315—8.6.
Kodama, Koretaka, A. Shigomi, and T. Ogata, to Yawata Seitetsu Kabushiki Kaisha. Method and device for transmitting mixed solid-liquid fuel into the blast furnace. 3,207,558, 9–21–65, Cl. 302—16.
Kodama, Shinjiro, K. Fukui, S. Yuasa, T. Shimizu, T. Kagiya, S. Machi, M. Hirata, and T. Yagi, to Sumitomo Chemical Co., Ltd. Process of polymerizing lower olefins. 3,170,900, 2–23–65, Cl. 260—88.2.
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Kodet, Reuben P.: *See*—
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Kodis, Robert D., and S. S. Guterman, to Di/An Controls, Inc. Drive circuit for magnetic core memory. 3,172,088, 3–2–65, Cl. 340—174.
Kodis, Robert D., and S. S. Guterman, to Di-an Controls, Inc. Output circuit for magnetic core memory in a high speed printer. 3,171,349, 3–2–65, Cl. 101—93.
Koe, Emil J. Roofing structure. 3,209,499, 10–5–65, Cl. 52—94.
Koeber, Henry J., to Bell & Howell Co. Automatic sky light balancing in camera exposure control. 3,208,078, 9–21–65, Cl. 352—141.
Koebner, Adolf, and H. A. Potts, to Marchon Products Ltd. N-dialkyl-alkyl-and-alkaryl-oxyalkyl-amine oxides. 3,206,512, 9–14–65, Cl. 260—570.7.
Koehegyi, Joseph N. Process to raise combustion temperatures. 3,181,599, 5–4–65, Cl. 165—1.
Koehl, Herman. Prong snap fasteners. 3,196,512, 7–27–65, Cl. 24—218.
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Koehler, Albert T., to A. J. Mfg. Co. Automatic strapping and sealing machine. 3,215,064. 11–2–65, Cl. 100—4.
Koehler, Alexander, and W. H. Dazey, to The Dow Chemical Co. Hog serum antibody concentrate. 3,203,865, 8–31–65, Cl. 167—80.
Koehler, Franz, and G. Koenigl, to Agfa Aktiengesellschaft. Viewfinder structures. 3,188,931, 6–15–65, Cl. 95—44.
Koehler, Gordon T.: *See*—
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Koehler, Gustave J. and G. T. Cam operated valve having preliminary rocking movement. 3,219,312, 11–23–65, Cl. 251—229.
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Koehler, Marian E.: *See*—
Koehler, Paul A. 3,177,691.
Koehler, Paul A., deceased; M. E. Koehler, executrix. Tap for rolling internal threads. 3,177,691, 4–13–65, Cl. 72—67.
Koehler, Raymond V., to American Motors Corp. Muffler and exhaust pipe assembly and clamp therefor. 3,178,208, 4–13–65, Cl. 285—322.
Koehly, Paul F., and E. C. Walters, Jr., to General Motors Corp. Protective means for insulation. 3,196,304, 7–20–65, Cl. 310—194.
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Brekelbaum, Erwin C., Bushong, Noll, and Klos. 3,198,345.
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Erickson, Robert W., and Lindell. 3,179,120.
Martinson, Edwin O. 3,167,307.
Noll, George C., Klos, and Wesebaum. 3,171,504.
Noll, George C., and Miller. 3,217,895.
Noll, George C., and Misuraca. 3,220,785.
Noll, George C., and Nielsen. 3,223,250.
Roberts, Howard C. 3,203,494.
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Koeller, Raymond C., and W. C. Ziegenhain, to Pan American Petroleum Corp. Sample valve. 3,166,939, 1–26–65, Cl. 73—422.
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Voss, Ernst, and Koenig. 3,194,633.
Koenig, Carl F., III, and E. W. Blattner, to De Laval Turbine Inc. Turbine. 3,221,491, 12–7–65, Cl. 60—13.
Koenig, Clemens E.: *See*—
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Koenig, Franz, to Deutsche Gold- und Silver-Scheideanstalt vormals Roessler. Production of N-methyl substituted ethylene diamine. 3,165,553, 1–12–65, Cl. 260—583.
Koenig, Harold R.: *See*—
Hurwitz, Henry, Jr., and Koenig. 3,183,403.
Koenig, Jack L., to E. I. du Pont de Nemours and Co. Safety glass. 3,192,101, 6–29–65, Cl. 161—199.
Koenig, John E.: *See*—
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Koenig, Martin F., to Cutler-Hammer, Inc. Multi-circuit panelboard for circuit breakers. 3,164,752, 1–5–65, Cl. 317—119.
Koenig, Martin F., to Cutler-Hammer, Inc. Circuit breaker installation. 3,174,078, 3–16–65, Cl. 317—119.
Koenig, Martin F., A. J. Pastene, and L. D. Williams, to Cutler-Hammer, Inc. Electric circuit breaker with positive tripping means. 3,214,535, 10–26–65, Cl. 200—88.
Koenig, Nathan R.: *See*—
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Koenig, Norman Z. Tracheostomy tube. 3,169,529, 2–16–65, Cl. 128—351.
Koenig, Robert H., to Owens-Illinois Glass Co. Glass conveying apparatus. 3,170,782. 2–23–65, Cl. 65—227.
Koenig, Roy C., and D. A. Ruscio, to Martin-Marietta Corp. Shearable sealing mechanism for a pivoted gate valve. 3,223,100, 12–14–65, Cl. 137—68.
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Kothe, Erich W., to Anaconda Wire & Cable Co. Cable laying and retrieving apparatus and method. 3,216,636, 11–9–65, Cl. 226—1.
Kotheimer, William C., to General Electric Co. Protective relay. Re. 25,762, 4–13–65, Cl. 317—36.
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Kotis, Richard J. Fishline float stop means. 3,196,575, 7–27–65, Cl. 43—44.87.
Kotis, Richard J. Artificial fish lure. 3,203,132, 8–31–65, Cl. 43—42.24.
Kotkins, Henry L. Luggage case. 3,185,271, 5–25–65, Cl. 190—41.
Kotlarski, Joseph R., to Hughes Aircraft Co. Monostable multivibrator with jitter reduction means. 3,189,761, 6–15–65, Cl. 307—88.5.
Kotowick, Joseph L. Collapsible carton. 3,184,143, 5–18–65, Cl. 229—28.
Kotrbaty, Guy F. Method of producing extruded shapes. 3,164,898, 1–12–65, Cl. 29—553.
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Kott, Herbert, to Scovill Mfg. Co. Portable electric unit for toothbrush or the like. 3,196,299, 7–20–65, Cl. 310—81.
Kotter, James I., E. F. Wallace, H. L. Salaun, Jr., and R. A. Rusca, to United States of America, Agriculture. Fiber blender. 3,208,107, 9–28–65, Cl. 19—145.
Kotthaus, Erich, to Verwaltungsgesellschaft der Werkzeugmaschinenfabrik Oerlikon. Method and pair of cutter heads for the cutting of longitudinally cambered teeth of a pair of bevel gears or hypoid gears with longitudinally curved teeth. 3,218,931, 11–23–65, Cl. 90—5.
Kottler, August: *See*—
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Kou, Jean, to "Bennes Marrel." Dumping mechanism for vehicles. 3,195,956, 7–20–65, Cl. 298—22.
Koubek, Francis J., to United States of America, Navy. Method of coating a laminated plastic structure. 3,179,-531, 4–20–65, Cl. 117—23.
Koukal, Louis. Slide sealing liquid dispenser. 3,167,220, 1–26–65, Cl. 222—477.
Koumans, Petrus W., and H. P. Stal, to North American Philips Co., Inc. Apparatus for manufacturing electric resistor. 3,190,043, 6–22–65, Cl. 51—37.
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Koutnik, Rodrick J., to Clary Corp. Valve. 3,186,430, 6–1–65, Cl. 137—516.
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Kovacevic, Boris N., to Vesna Engineering Corp. Artificial trees. 3,219,512, 11–23–65, Cl. 161—22.
Kovacevich, Janko P. Instructional reading material. 3,170,-247, 2–23–65, Cl. 35—35.
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Kovach, Stephen M., to Sinclair Research, Inc. Process for preparing polyalkylated benzenes from alkyl ketones. 3,201,485, 8–17–65, Cl. 260—668.
Kovach, Stephen M., and G. O. Michaels, to Sinclair Research, Inc. Aromatic alkylation with a silica-alumina-chromia catalyst. 3,201,487, 8–17–65, Cl. 260—671.
Kovach, Stephen M., and G. O. Michaels, to Sinclair Research, Inc. Alkylation of aromatics. 3,217,053, 11–9–65, Cl. 260—671.
Kovacs, Andrea, and R. Righi, to S.I.A.P.A. (Societa Italo Americana Prodotti Antiparassitari, S.p.A.). Synergistic fungicidal compositions. 3,167,471, 1–26–65, Cl. 167—22.
Kovacs, Theodor. Apparatus for refilling fountain-pen ink cartridges. 3,205,919, 9–14–65, Cl. 141—30.
Koval, Leonide P., and M. E. Sirois, to General Electric Co. Circuit breaker with mechanically isolated trip mechanism. 3,179,768, 4–20–65, Cl. 200—88.
Kovaleski, Joseph J. Spool for wire. 3,176,932, 4–6–65, Cl. 242—118.8.
Kovalevski, Nicholas, and D. C. Wilton, to International Telephone & Telegraph Corp. Photo-electrical compandor. 3,213,391, 10–19–65, Cl. 333—14.

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Badger, Alfred E., and Kowalka. 3,171,771.
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Kowalski, Slawomir, and D. A. Worden. Regulator and shut-off valve for rocket thrust control. 3,179,123, 4–20–65, Cl. 137—495.
Koyama, Sayu, J. Shida, and K. Nakayama, to Nihon Kentetsu Co. Ltd. Method and apparatus for manufacturing integrally finned tubing. 3,174,319, 3–23–65, Cl. 72—96.
Koyder, Walter J., to Talon, Inc. Take-up mechanism for a loom. 3,200,852, 8–17–65, Cl. 139—304.
Koyder, Walter J., and G. E. Manross, to Talon, Inc. Harness frame for looms. 3,169,555, 2–16–65, Cl. 139—91.
Koyder, Walter J., and R. W. Phillips, to Talon, Inc. Weft detector device. 3,200,853, 8–17–65, Cl. 139—370.
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Kozacka, Frederick J., to The Chase-Shawmut Co. Indicating fuse. 3,183,327, 5–11–65, Cl. 200—121.
Kozacka, Frederick J., to The Chase-Shawmut Co. High interrupting capacity fuse. 3,189,712, 6–15–65, Cl. 200—120.
Kozacka, Frederick J., to The Chase-Shawmut Co. Time lag fuses with fuse links having link-severing overlays. 3,197,592, 7–27–65, Cl. 200—123.
Kozak, John, to Toledo Scale Corp. Safe edge retraction mechanism. 3,194,345, 7–13–65, Cl. 187—51.
Kozar, John J. Automatic baster for braziers. 3,224,362, 12–21–65, Cl. 99—346.
Kozek, Oscar K., and P. M. Brown. Apparatus for measuring objects within matter opaque to visible light. 3,171,959, 3–2–65, Cl. 250—53.
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Koziba, Walter J., ½ to William F. Cioffi. Fish lure. 3,165,857, 1–19–65, Cl. 43—42.15.
Kozich, Rudolf F.: *See*—
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Kozich, Rudolf F., to Beloit Corp. Board former. 3,216,891, 11–9–65, Cl. 162—275.
Kozicki, Henry J., to Ford Motor Co. Vehicle wheel suspension. 3,178,202, 4–13–65, Cl. 280—124.
Kozicki, Henry J., to Ford Motor Co. Torsion bar connection. 3,198,507, 8–3–65, Cl. 267—57.
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Kozikowski, John, and M. Cais, to Ethyl Corp. Mercurated cyclopentadienyl manganese tricarbonyls. 3,205,246, 9–7–65, Cl. 260—432.
Kozinski, Joseph, to H. G. Fischer & Co., Inc. High voltage multi-unit assembly having readily replaceable units. 3,182,237, 5–4–65, Cl. 317—234.
Kozinski, Joseph, to H. G. Fischer & Co., Inc. Ultra-sonic electrode applicator. 3,202,845, 8–24–65, Cl. 310—8.3.
Kozlik, Robert F., and J. L. Swanson, to General Mills, Inc. Process for making a whippable composition. 3,199,988, 8–10–65, Cl. 99—139.
Kozlow, Alex, and J. P. Uetz, to Philco Corp. Adjustable loop antenna mounted on television cabinet. 3,181,163, 4–27–65, Cl. 343—702.
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Kozlowski, Edward T., and C. T. Miller, to Textile Machine Works. Yarn guide means for warp knitting machines. 3,216,221, 11–9–65, Cl. 66—86.
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Kozlowski, Robert H., to California Research Corp. Catalytic conversion process for the production of low luminosity fuels. 3,172,839, 3–9–65, Cl. 208—68.
Kozlowski, Robert H., and J. W. Scott, Jr., to California Research Corp. Catalytic conversion process for the production of low luminosity fuels. 3,172,833, 3–9–65, Cl. 208—58.
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Kozlowski, Robert H., and R. L. Jacobson, to California Research Corp. Production of lubricating oils by catalytic hydrogenation. 3,189,540, 6–15–65, Cl. 208—264.
Kozlowski, Victor J., and E. J. Groth. Carton divider for baked products. 3,197,111, 7–27–65, Cl. 229—42.
Kozma, Joseph A., Jr. Method of loading a melting furnace. 3,211,546, 10–12–65, Cl. 75—65.
Kozub, Stanley S. Picket fence. 3,218,036, 11–16–65, Cl. 256—22.
Krabbe, Carl F., and F. D. Taylor, to Eli Lilly and Co. Method and apparatus for culturing micro-organisms. 3,193,460, 7–6–65, Cl. 167—78.
Krabbenschmidt, Henry, to Isbrandtsen Co., Inc. Pallet for bulk loads. 3,211,311, 10–12–65, Cl. 214—300.
Kracht, Gerhard, to Swedish Crucible Steel Co. Expanded plastic molding machine. 3,224,039, 12–21–65, Cl. 18—5.
Kracke, Robert D., and A. Pfeiffer, to United States of America, Army. Apparatus for the classification and evaluation of fallout from aerosols. 3,222,925, 12–14–65, Cl. 73—170.
Krackhardt, Elliott M., to General Electric Co. Electron gun electrode assembly. 3,215,880, 11–2–65, Cl. 313—82.
Kracklauer, Aloysius C., and F. H. Passalaqua, to C. I. T. Corp. Unitary rotatable pressure leaf filter. 3,195,729, 7–20–65, Cl. 210—330.
Kradel, Fred L., and R. H. Albright, to I-T-E Circuit Breaker Co. Universal fuse adapter. 3,178,538, 4–13–65, Cl. 200—133.
Kradolfer, Friedrich, and W. Sackmann, to Ciba Corp. Pharmaceutical compositions and method of using same. 3,178,343, 4–13–65, Cl. 167—55.
Kraffe de Laubarede, Leonce M. H., to Societe Anonyme dite: Plastus-S.A. Homogenizing device for extruding or injecting machines in the treatment of thermoplastics. 3,169,752, 2–16–65, Cl. 259—7.
Kraffe de Laubarede, Leonce M. H., to Plastus, S.A. Plastic coated fabric tubes and belts and method of making same. 3,194,273, 7–13–65, Cl. 138—125.
Krafft, Joseph M., and J. C. Hahn, to United States of America, Navy. Tension-compression testing machine. 3,194,062, 7–13–65, Cl. 73—93.
Kraft, Donald L., E. C. Beason, Jr., and R. O. Welty, to Phillips Petroleum Co. Thermoplastic bag sealer. 3,218,961, 11–23–65, Cl. 100—93.
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Kraft, Maurice. Shoe holder device. 3,172,537, 3–9–65, Cl. 211—35.
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Kraft, Paul, to Jurid-Werke G.m.b.H. Friction producing device. 3,209,876, 10–5–65, Cl. 192—107.
Kraft, Richard A.: *See*—
Kramer, Don A., and Kraft. 3,200,289.
Kraft, Rupert, to Zimmer's Erben Kommanditgesellschaft. Screen printing apparatus with magnetic squeegee moving means. 3,196,784, 7–27–65, Cl. 101—123.
Kraft, Rupert, to Johannes Zimmer, Maschinenfabrik. Apparatus for treating sheet material. 3,216,349, 11–9–65, Cl. 101—123.
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Weisfeld, Joseph, and Kraft. 3,223,657.
Kraft, William M., to Tenneco Chemicals, Inc. Insulated electrical conductors and insulation for such conductors. 3,223,671, 12–14–65, Cl. 260—31.6.
Kraft, William M., and J. Weisfeld, to Tenneco Chemicals, Inc. Stable aqueous alkyd resin emulsions. 3,223,658, 12–14–65, Cl. 260—22.
Kraft, William M., and R. Green, to Tenneco Chemicals, Inc. Epoxidized polycarboxylates and resinous compositions containing same. 3,223,715, 12–14–65, Cl. 260—348.

Krahe, Donald C. Apparatus and process for handling viscous materials. 3,182,967, 5–11–65, Cl. 259—4.
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Krahulec, Fred, to Warwick Electronics Inc. Spindle adapter. 3,191,941, 6–29–65, Cl. 274—10.
Kraic, Otto, and V. Stoupa, to Ustav pro vyzkum motorovych vozidel Praha. Rotary piston internal combustion engine. 3,200,796, 8–17–65, Cl. 123—16.
Kraines, Maurice H. Tire trim member. 3,188,143, 6–8–65, Cl. 301—37.
Krajc, Adolf, and A. Pritzkow, to Junkers & Co. G.m.b.H. Gas burner control system. 3,181,592, 5–4–65, Cl. 158—124.
Krajewski, John J., to Swift & Co. Fatty amine derivatives of proteins. 3,168,510, 2–2–65, Cl. 260—117.
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Krakower, Gerald W., and J. Fried, to Olin Mathieson Chemical Corp. 16α,18α-acetal and ketal derivatives of the pregnane series. 3,174,971, 3–23–65, Cl. 260—239.55.
Krakowsky, Hans, to H. Schwarzkopf. Elastically deformable container. 3,168,968, 2–9–65, Cl. 222—212.
Krakusky, James J., to The Western Union Telegraph Co. Automatic carriage return and line feed mechanism. 3,200,197, 8–10–65, Cl. 178—25.
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Kralowetz, Bruno. Forging machine. 3,165,012, 1–12–65, Cl. 78—22.
Kralowetz, Bruno. Forging machine for the internal profiling of tubular workpieces, particularly of barrels for firearms. 3,177,688, 4–13–65, Cl. 72—21.
Kralowetz, Bruno. Profile milling cutter for circular milling. 3,200,474, 8–17–65, Cl. 29—105.
Kralowetz, Bruno. Swaging machine. 3,224,244, 12–21–65, Cl. 72—402.
Kramar, Ernst, and F. Steiner, to International Standard Electric Corp. Omnidirectional bearing system. 3,181,159, 4–27–65, Cl. 343—106.
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Kramer, Albert J. Cleaning device. 3,170,186, 2–23–65, Cl. 15—532.
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Kramer, Bruce E., and E. J. Fields, to United States of America, Navy. Magnesium oxide coating method. 3,181,964, 5–4–65, Cl. 117—23.
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Kieny, Albert J., and Kramer. 3,170,491.
Kramer, Don A., and R. A. Kraft, to Motorola, Inc. Vertical deflection circuit. 3,200,289, 8–10–65, Cl. 315—27.
Kramer, Ernest H. Bait holding fish hook. 3,197,912, 8–3–65, Cl. 43—44.4.
Kramer, Eugene M., J. H. and B. J. Game simulating stock market play. 3,198,521, 8–3–65, Cl. 273—134.
Kramer, Frederick A., Jr. Air curtain. 3,211,077, 10–12–65, Cl. 98—36.
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Kramer, Helmut, to Pintsch Bamag Aktiengesellschaft. Steel converter with loose supporting ring. 3,201,108, 8–17–65, Cl. 266—36.
Kramer, Helmut, and W. Zeiss, to Pintsch Bamag Aktiengesellschaft. Converter for steel plants. 3,193,272, 7–6–65, Cl. 266—36.
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Kramer, Jack M. Flexible sealed connector. 3,206,229, 9–14–65, Cl. 285—114.
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Kramer, Leo, to Ingersoll-Rand Co. Overload release clutch with fluid lockout. 3,205,986, 9–14–65, Cl. 192—56.
Kramer, Leo, to Thor Power Tool Co. Impulse tool. 3,214,940, 11–2–65, Cl. 64—26.
Kramer, Leo, A. L. Medesha, and J. M. Ladd, to Ingersoll-Rand Co. Wire stripper. 3,195,379, 7–20–65, Cl. 81—9.51.
Kramer, Leo, A. L. Medesha, and J. P. Law, to Ingersoll-Rand Co. Wire-stripper mechanism. 3,222,957, 12–14–65, Cl. 81—9.51.
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Schmid, Erwin F., and Kramer. 3,212,139.
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Kramer, Roy G. Safety attachment for control handles. 3,194,208, 7–13–65, Cl. 116—114.
Kramer, Stanley, to Salon Spray System, Inc. Spray mist dispensing apparatus. 3,197,145, 7–27–65, Cl. 239—415.
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Kramer, Walter E., C. Rai, R. C. Kimble, and J. B. Braunwarth, to Union Oil Co. of California. Composition, noncorrosive to metal surfaces. 3,220,955, 11–30–65, Cl. 252—391.
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Krapcho, John, to Olin Mathieson Chemical Corp. Basic anilide derivatives. 3,192,214, 6–29–65, Cl. 260—253.

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McFeaters, Harry L., Layman, Dunn, Krause, and Grant. 3,169,287.

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Krenke, Vincent G., to Westinghouse Electric Corp. Controls for air heating systems. 3,171,595, 3–2–65, Cl. 236—9.
Krenke, Vincent G., to Westinghouse Electric Corp. Light responsive switching circuit having time delayed operation. 3,210,611, 10–5–65, Cl. 317—130.
Krenz, Joseph H. Hub and spoke construction for wire wheels. 3,199,922, 8–10–65, Cl. 301—59.
Krenz, William R., to Buffalo Weaving and Belting Co. Harness mechanism for looms. 3,168,116, 2–2–65, Cl. 139—57.
Krepak, John C. Wave damper device. 3,200,598, 8–17–65, Cl. 61—5.
Krepp, James B.: *See*—
Bickel, Kent A., Hotze, and Krepp. 3,193,166.
Krepps, James E., Jr., and M. L. Weigel, to Sarkes Tarzian, Inc. High frequency tuner. 3,210,700, 10–5–65, Cl. 334—50.
Kresge, James S., to General Electric Co. Apparatus including mechanical vibration detector means for detecting and locating incipient internal faults in electric induction apparatus. 3,173,086, 3–9–65, Cl. 324—52.
Kress, Bernard H., to Quaker Chemical Corp. Treated pigments and process for modifying the surface of pigments. 3,198,647, 8–3–65, Cl. 106—308.
Kress, Bernard H., to Quaker Chemical Corp. Process of treating cellulose textile material. 3,215,489, 11–2–65, Cl. 8—120.
Kress, George H., and W. A. Menn, to General Precision, Inc. Two position lever type switch assembly having a handle actuating means with a rear pivotal axis. 3,172,986, 3–9–65, Cl. 200—172.
Kress, Herbert, J. P. Bilisoly, and J. N. Beard, Jr., to Esso Research and Engineering Co. Molecular sieve catalyst activation process. 3,201,356, 8–17–65, Cl. 252—455.
Kressbach, James E.: *See*—
Kibbel, William H., Jr., and Kressbach. 3,189,231.
Kibbel, William H., Jr., and Kressbach. 3,216,463.
Krestel, Erich: *See*—
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Krestel, Erich, to Siemens-Schuckertwerke Aktiengesellschaft. Measuring and controlling dynamo-electric machine commutation. 3,200,278, 8–10–65, Cl. 310—225.
Krestin, Hans G.: *See*—
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Kretsch, Rosl, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for working upstretched aromatic polyester filament. 3,166,886, 1–26–65, Cl. 57—157.
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Potter, Roy F., and Kretschmar. 3,211,128.
Kretsinger, Elwood A. Means for indicating the distribution of a golfer's weight at the instant of ball impact. 3,169,022, 2–9–65, Cl. 273—183.
Kretz, Charles H., Jr., to Kretz Collator Co. Collating machine with jogger and ejector. 3,193,284, 7–6–65, Cl. 271—89.
Kretz Collator Co.: *See*—
Kretz, Charles H., Jr. 3,193,284.
Kretzmer, Ernest R., and R. A. Winter, to Bell Telephone Laboratories, Inc. Two-tone transmission system for digital data. 3,165,583, 1–12–65, Cl. 178—66.
Kretzmer, Minor G., Jr.: *See*—
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Kreuschmer, Rudolf, to Allma Allgauer Maschinenbau G.m.b.H. Thread brake, in particular for double twisting spindles. 3,165,882, 1–19–65, Cl. 57—58.83.
Kreuter, Herbert, C. Heuck, S. Sommer, and S. Wagner, to Hercules Powder Co. Inc. Process for working up polyolefins. 3,168,505, 2–2–65, Cl. 260—93.7.
Kreuter, Kenneth G., to Robertshaw Controls Co. Condition responsive pneumatic controller. 3,181,548, 5–4–65, Cl. 137—85.
Kreuter, Kenneth G., to Robertshaw Controls Co. Differential pressure control. 3,208,466, 9–28–65, Cl. 137—85.
Kreuter, Kenneth G., to Robertshaw Controls Co. Electric-pneumatic process controller. 3,216,331, 11–9–65, Cl. 91—382.
Kreuter, Kenneth G., to Robertshaw Controls Co. Pneumatic controller. 3,221,761, 12–7–65, Cl. 137—82.
Kreuttner, Joseph W., to Buensod-Stacey Corp. Air conditioner enclosure with removable panel. 3,187,662, 6–8–65, Cl. 98—38.
Kreuttner, Joseph W., and D. Rickelton, to Buensod-Stacey Corp. Air conditioning. 3,187,806, 6–8–65, Cl. 165—22.
Kreutzer, Conradin O., to Smith Research and Development Co., Inc. Impulse generating electrical circuit for electrically influencing living creatures. 3,180,047, 4–27–65, Cl. 43—17.1.
Kreutzer, Otto, to Airotor Vertriebsgesellschaft m.b.H. Self-commutating direct current electric motor. 3,204,165, 8–31–65, Cl. 318—138.
Kreutzer, Otto, to The Black and Decker Mfg., Co. Semiconductor commutated motor system with capacitive pickup. 3,214,663, 10–26–65, Cl. 318—138.
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Krewer, William A., D. L. Klass, and G. W. Ayers, to Union Oil Co. of California. Process for removing naphthenic acids from mineral oils. 3,222,275, 12–7–65, Cl. 208—180.
Krewson, Charles F., and J. S. Ard, to United States of America, Agriculture. Process for isolation of divernolin and trivernolin. 3,165,540, 1–12–65, Cl. 260—348.
Krewson, Walter I., Jr., to Superior Pneumatic and Mfg. Co. Method of replacing worn parts in automobile assemblies and the tools therefor. 3,208,134, 9–28–65, Cl. 29—401.
Krewson, Walter I., Jr., to Superior Pneumatic & Mfg., Inc. Attachment device for impact tools and the like. 3,219,248, 11–23–65, Cl. 227—140.
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Krey, Roger A., to Radio Corp. of America. Methods and materials for metallizing ceramic or glass bodies. 3,215,555, 11–2–65, Cl. 117—123.
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Kricksfeld, Julius, and S. Wasserman. Signalling device for indicating a fish strike. 3,216,142, 11–9–65, Cl. 43—17.
Kridle, Charles E., and L. H. Grimes. Demountable sheet metal shipping containers. 3,208,619, 9–28–65, Cl. 220—4.
Kriebel, Anthony R., to Itek Corp. Method of determining the loading or mean particle radius of a fluid carrying particulate material. 3,220,261, 11–30–65, Cl. 73—432.
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Krieble, Vernon K., to Loctite Corp. Accelerated anaerobic compositions and method of using same. 3,218,305, 11–16–65, Cl. 260—89.5.
Kriechbaum, John P., to Honeywell Inc. Temperature control apparatus. 3,167,251, 1–26–65, Cl. 236—68.
Krieg, Galen W. Bonded coupling liner fabrication and installation process. 3,172,934, 3–9–65, Cl. 264—263.
Krieger, Alvin W. Electrical circuit protector having auxiliary indicating switch contacts. 3,214,537, 10–26–65, Cl. 200—106.
Krieger, Bernhard, E. Blanke, and E. Kaspar, to Schering A.G. Halogenated and olefinically unsaturated 3-keto-steroids and method for making the same from the corresponding 3-keto-steroid carboxylic acids. 3,202,683, 8–24–65, Cl. 260—397.3.
Krieger, Edward L., to Sperry Rand Corp. Matrix having thin magnetic film logical gates for transferring signals from plural input means to plural output means. 3,212,064, 10–12–65, Cl. 340—172.5.
Krieger, Erwin C. Method and apparatus for utilizing electrical discharge pressure waves. 3,225,578, 12–28–65, Cl. 72—56.
Krieger, Richard S. Apparatus for disintegrating granular particles. 3,168,990, 2–9–65, Cl. 241—248.
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Krieglstein, Walter, and B. Reiss, to Siemens-Schuckertwerke Aktiengesellschaft. Method of producing monocrystalline wafers from the vaporous phase with alternative cooling and intermediate holding steps. 3,168,423, 2–2–65, Cl. 148—175.
Kriegsman, Bernard, to General Instrument Corp. Method of producing a semiconductor device. 3,206,827, 9–21–65, Cl. 29—25.3.
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Krieps, Frank J., to Container Corp. of America. Off-center dispensing closure arrangement. 3,168,969, 2–9–65, Cl. 222—520.
Krieps, Frank J., and H. H. Mattheis, to Container Corp. of America. Captive dispensing closure arrangement. 3,209,963, 10–5–65, Cl. 222—543.
Krier, Keith N., and R. C. Peabody, to G. H. Tennant Co. Power sweeper. 3,186,021, 6–1–65, Cl. 15—340.
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Krigsman, Ronald, to The Garrett Corp. Supercritical cryogenic storage system. 3,216,209, 11–9–65, Cl. 62—51.

Krijger, Pieter: *See*—
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Krikorian, Garo, to Rice Barton Corp. Trailing blade coater. 3,169,082, 2–9–65, Cl. 118—413.
Kriner, William A., to Rohm & Haas Co. Heterocyclic and linear siliconmethylene and polysiloxane compounds containing siliconmethylene units and their preparation. 3,178,392, 4–13–65, Cl. 260—46.5.
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Krinsky, Albert, to United States of America, Atomic Energy Commission. Alloys and electrical transducers. 3,202,951, 8–24–65, Cl. 338—2.
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Kripak, Leonid: *See*—
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Kripal, Henry L., to Behlen Mfg. Co., Inc. Method of and means for circulating air within closed buildings. 3,196,774, 7–27–65, Cl. 98—55.
Kripke, Joseph B., to General Motors Corp. Automatic humidity sensing control for a clothes dryer. 3,169,838, 2–16–65, Cl. 34—45.
Kristal, Edward, to E. I. du Pont de Nemours and Co. Production of embossed plastic sheet material. 3,196,062, 7–20–65. Cl. 156—79.
Kristensen, Knud M., to A/S Dumex (Dumex Ltd.). Preparations having a protracted B_{12} effect and method of preparing same. 3,219,532, 11–23–65, Cl. 167—81.
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Kritske, Victor J., to Mayline Co., Inc. Tiltable table and locking mechanism. 3,183,860, 5–18–65, Cl. 108—2.
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Kritz, Jack, and M. Tarasevich, to American Bosch Arma Corp. Accelerometer and parts therefor. 3,190,129, 6–22–65, Cl. 73—517.
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Kritzer, Richard W., to Peerless of America, Inc. Fin-type heat exchange unit with non-registering fin edges for frost-inhibiting purposes. 3,199,581, 8–10–65, Cl. 165—67.
Kritzer, Richard W., Jr., to Peerless of America,, Inc. Apparatus for effecting reverse bends in dual heat exchange tubing. 3,200,631, 8–17–65, Cl. 72—306.
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Kroenert, John T., to United States of America, Navy. Underwater telephony. 3,164,800, 1–5–65, Cl. 340—5.
Kroenke, June E. Contour pressing forms. 3,165,845, 1–19–65, Cl. 38—135.
Kroesch, Milton F., and W. O. Kugler, to Pressed Steel Tank Co. Base for pressure vessels. 3,165,228, 1–12–65, Cl. 220—69.
Krofta, Milos. Method and an apparatus for purifying the unclarified waste water in the paper and pulp and like industries. 3,182,799, 5–11–65, Cl. 210—83.
Krogsrud, Harald, to Elektrokemisk A/S. Electrode suspension mechanism and method of operating same. 3,213,176, 10–19–65, Cl. 13—16.
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Krohm, Fred A., to The Anderson Co. Windshield wiper blade assembly. 3,195,162, 7–20–65, Cl. 15—250.42.
Krohn, Fritz F. W., to General Dynamics Corp. Double wall cellular beam structure. 3,195,841, 7–20–65, Cl. 244—123.
Krohn, Helgo V. Garment hanger suspension. 3,188,039, 6–8–65, Cl. 248—317.
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Krohs, Walter, L. Ther, G. Vogel, and H. Ott, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. N-secondary-alkyl-2-(3-hydroxyphenyl)-2-ethylalkylamines. 3,188,349, 6–8–65, Cl. 260—570.8.
Krohs, Walter, L. Ther, and G. Vogel, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. N-substituted phenylalkylamines. 3,225,098, 12–21–65, Cl. 260—570.8.
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Kroll, Harry, to Sarki Research and Development Corp. Bright nickel plating bath containing a pyridinium or quinolinium phosphate brightener and method of electroplating therewith. 3,170,854, 2–23–65, Cl. 204—49.
Kroll, Harry, to Sarki Research and Development Corp. Bright nickel plating baths. 3,170,855, 2–23–65, Cl. 204—49.
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Kronenberg, Samuel I. Pumps, blowers, compressors, and the like. 3,219,262, 11–23–65, Cl. 230—117.
Kronenberg, Stanley, to United States of America, Army. High intensity gamma insensitive neutron dosimeter. 3,197,637, 7–27–65, Cl. 250—83.1.
Kronenberger, Paul E., to General Motors Corp. Refrigerating apparatus. 3,220,789, 11–30–65, Cl. 312—236.
Kronenthal, Richard L., to Ethicon, Inc. Quinone, aldehyde and chrome tanned articles and their production. 3,166,073, 1–19–65, Cl. 128—335.5.
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Krong, Walter, and H.-J. Müller, to Farkenfabriken Bayer Aktiengesellschaft. Process for the selective hydrogenation of liquid hydrocarbons of the gasoline boiling range. 3,182,015, 5–4–65, Cl. 208—255.
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Kronish, Donald P., and R. R. Mohan, to Warner-Lambert Pharmaceutical Co. Production of mycobacterium phlei. 3,164,533, 1–5–65, Cl. 195—96.

Kronogard, Sven-Olof, to Volvo, AB. Gas turbine plant. 3,173,255, 3–16–65, Cl. 60—39.16.

Kronogård, Sven-Olof, to Volvo Aktiebolaget. Hydrodynamic torque converter. 3,192,719, 7–6–65, Cl. 60—54.

Kronogard, Sven-Olof, to Volvo, A.-b. Drive system for vehicles. 3,194,087, 7–13–65, Cl. 74—661.

Kronogard, Sven-Olof, to Volvo, Aktiebolaget. Regenerative heat exchanger. 3,194,302, 7–13–65, Cl. 165—9.

Kronogard, Sven-Olof, to Volvo, Ab. Gas turbine power plant. 3,207,003, 9–21–65, Cl. 74—677.

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Kronsbein, Curt, to E. Bellman, nee Vogelstang, R. Kronsbein, nee Bellmann, and F. Bellmann. Apparatus for use in connection with the processing of stockings, knitted goods and the like. 3,206,023, 9–14–65, Cl. 209—75.

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Kronstein, Max, and W. H. Kapfer, to United States of America, Navy. Complex alkyl titanate derivatives and their modifications. 3,196,166, 7–20–65, Cl. 260—347.8.

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Kroon, Pieter J., to Scott Paper Co. Rotary cylinder drying drum with stress relieving expansion means. 3,169,050, 2–9–65, Cl. 34—124.

Kroon, Pieter J., to Scott Paper Co. Rotary cylinder dryer. 3,224,110, 12–21–65, Cl. 34—124.

Krooss, Robert J., and R. L. Saxe, 15% to L. C. Krazinski, and 25% to R. J. Krooss. Griddle cake cooking apparatus. 3,225,716, 12–28–65, Cl. 107—57.

Kropinski, John J. Mosaic making and guessing game. 3,191,937, 6–29–65, Cl. 273—130.

Kropinski, John J. Word game apparatus comprising die and score card. 3,195,895, 7–20–65, Cl. 273—135.

Kropinski, John J. Game apparatus based on simulated rocket flight. 3,211,459, 10–12–65, Cl. 273—139.

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Kropp, Willis A., to General Time Corp. Rotary stepping switch. 3,187,144, 6–1–65, Cl. 200—105.

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Krouse, LeRoy M., to Joy Mfg. Co. Apparatus for heating blast furnace feed gas. 3,165,302, 1–12–65, Cl. 263—19.

Krouse, Philip E., and W. J. Eigsti, to Servel, Inc. Perforated contact member for voltaic cell electrodes. 3,219,487, 11–23–65, Cl. 136—107.

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Krueger, Allison F., to Krueger Metal Products, Inc. Multiple seating including stackable chairs with folding backs. 3,203,731, 8–31–65, Cl. 297—239.

Krueger, Bruno O.: *See*—
Baker, Edgar B., and Krueger. 3,210,309.

Krueger, Charles H., Jr. Trash handling and burning apparatus. 3,207,104, 9–21–65, Cl. 110—18.

Krueger, Clifford H. Trailer equipped pontoon yacht. 3,203,-014, 8–31–65, Cl. 9—1.

Krueger, Donald A., and E. R. Stroup, to United States of America, Navy. Transistorized battery charger. 3,226,-623, 12–28–65, Cl. 320—43.

Krueger, Edward J., to Iroquois Tool Supply Co., Inc. Cutting tool assembly. 3,178,801, 4–20–65, Cl. 29—96.

Krueger, G., Brewing Co.: *See*—
Nicholas, William. 3,209,446.

Krueger, George O., and S. D. Russell, to Controlls, Inc. Adjustable weight sensor. 3,216,516, 11–9–65, Cl. 177—73.

Krueger, Geraldine L.: *See*—
Palopi, Frank P., Carr, Feil, Krueger, and Kuhn. 3,178,-420.
Richardson, Alfred, Jr., Amstutz, and Krueger. 3,200,-123.

Krueger, Glenn N., and J. J. Taylor, to United States Steel Corp. Position control device for conveyor chain dogs. 3,225,896, 12–28–65, Cl. 198—170.

Krueger, James E.: *See*—
Musinski, Donald F., and Krueger. 3,179,490.

Krueger, James E., to The Dow Chemical Co. Process for preparing chlorophenyl borates. 3,215,722, 11–2–65, Cl. 260—462.

Krueger, Karl H.: *See*—
Williams, Stanley J., Krueger, and Peters. 3,210,653.

Krueger Metal Products Co.: *See*—
Hendrickson, Philip J. 3,220,767.

Krueger, Roland F., to Union Oil Co. of California. Method and apparatus for subterranean heating. 3,181,613, 5–4–65, Cl. 166—38.

Krueger, Rudolph E., to W. C. Deeds. Torquemeter. 3,164,986, 1–12–65, Cl. 73—136.

Krueger, Theodore H., to Better Packages, Inc. Manual strapping tool for pressure sensitive tape. 3,185,363, 5–25–65, Cl. 225—66.

Kruell, Andreas. Venetian blind. 3,200,876, 8–17–65, Cl. 160—173.

Krug, Charles C.: *See*—
Stephens, Frederick N., Carlson, and Krug. 3,218,216.

Krug, George A., Jr., to General Electric Co. Magnetron mounting structure and output coupling. 3,223,881, 12–14–65, Cl. 315—39.

Krug, George A., Jr., to General Electric Co. Magnetron having evacuated discharge sub-assembly united with unevacuated magnetic and resonant cavity structure. 3,225,249, 12–21–65, Cl. 315—39.71.

Krug, Helmut P.: *See*—
Hertel, Heinrich L., and Krug. 3,223,360.

Krug, John C.: *See*—
Barosko, John M., and Krug. 3,182,867.

Krug, Newton J., to Diebold, Inc. Rotary switch construction with adjustment means for filing appliance. 3,198,894, 8–3–65, Cl. 200—11.

Krug, Newton J., C. D. Graber, and R. L. Alvarez, to Diebold, Inc. Power file safety device. 3,166,366, 1–19–65, Cl. 312—223.

Kruger, Cornelius J.: *See*—
Krüger, Cornelius J. 3,173,661.

Krüger, Cornelius J., to C. J. Kruger, and South African Iron and Steel Industrial Corp. Ltd. Metal fencing posts, spacers and the like. 3,173,661, 3–16–65, Cl. 256—47.

Kruger, Curtis F.: *See*—
Harper, Walter R., Jr., Kruger, and Strachan. 3,213,-240.

Kruger, Curtis F., and H. F. Rice, Jr., to Texas Instruments Inc. Motor protective means. 3,215,873, 11–2–65, Cl. 310—68.

Krüger, Ernst: *See*—
Ahlert, Wilhelm, and Krüger. 3,189,959.

Kruger, Harold O., to Beckman Instruments, Inc. Continuous recording titrator. 3,192,017, 6–29–65, Cl. 23—253.

Kruger, Herbert A., to Kimball Systems Ltd. Label dispenser. 3,212,669, 10–19–65, Cl. 221—70.

Kruger, Heinz, and U. Baumgarten, to Kamper-Maschinenbau G.m.b.H. Shut-off valve and associated pressure relief means. 3,225,781, 12–28–65, Cl. 137—108.

Krüger, Helmut: *See*—
Juffa, Richard, Krüger, Michaelis, Rehberg, Schmahl, and Schulz. 3,199,740.

Kruger, James B., and P. A. Braginetz, to Philip Morris, Inc. Plastic container with flexible hinge. 3,167,207, 1–26–65, Cl. 220—31.

Kruger, James B., and R. L. Bordeau, to Philip Morris, Inc. Accurately adjustable, sturdily constructed injector razor. 3,204,337, 9–7–65, Cl. 30—63.

Kruger, James B., and R. L. Bordeau, to Philip Morris, Inc. Razor having a composite handle. 3,204,338, 9–7–65, Cl. 30—63.

Kruger, James B., and R. L. Bordeau, to Philip Morris, Inc. Razor with shaving angle adjusting means rotatable on a lateral axis. 3,224,090, 12–21–65, Cl. 30—63.

Krueger, Loren L., to Honeywell Inc. Combined humidity and air flow control. 3,193,641, 7–6–65, Cl. 200—81.9.

Krueger Metal Products, Inc.: *See*—
Krueger, Allison F. 3,203,731.

Kruger, Michael H., to Smithcraft Corp. Ventilation and lighting. 3,181,450, 5–4–65, Cl. 98—40.

Kruger, Owen L.: *See*—
Kelman, Le Roy R., and Kruger. 3,192,122.

Kruger, Paul: *See*—
Röder, Josef, Klein, Künzel, and Kruger. 3,169,757.

Kruglinski, Frank A.: *See*—
Miller, Joseph A., and Kruglinski. 3,199,262.

Krugman, Leonard M., and R. C. Graham, to Radio Corp. of America. Double-emitter transistor circuits. 3,169,222,

Krugman, Stanley L.: *See*—
Smith, William A., Downey, Jacobs, Krugman, Buehler, and Huillet. 3,211,525.

Kruithof, Anton M.: *See*—
Cornelissen, Johannes, Kruithof, and Meyer. 3,222,206.

Krukonis, Alexander C., deceased (by M. Krukonis, administrator), and E. F. Dolbeare, to Crompton & Knowles Corp. Metering device for weft in looms. 3,194,276, 7–13–65, Cl. 139—124.

Krukonis, Myrtle: *See*—
Krukonis, Alexander C., M., and Dolbeare. 3,194,276.

Krukziener, Maurits: *See*—
Wagenaar, Adriaan H., and Krukziener. 3,198,738.

Krukziener, Maurits, to Shell Oil Co. Nitro-aromatic telomers. 3,165,501, 1–12–65, Cl. 260—80.5.
Krukziener, Maurits, and P. N. van der Heydt, to Shell Oil Co. Oil-soluble polymeric glycidyl compounds and functional organic compositions containing them. 3,166,504, 1–19–65, Cl. 252—46.6.
Krulfeld, Myer: *See*—
Bloom, Mortimer C., Krulfeld, and Newport. 3,173,404.
Krull, Ernst, to Braun Aktiengesellschaft. Slide-changing device for projectors. 3,174,395, 3–23–65, Cl. 88—28.
Krull, Lloyd J.: *See*—
Johnson, James L., Jr., and Krull. 3,224,076.
Krulwich, Lester S. Drill grinding apparatus. 3,169,353, 2–16–65, Cl. 51—219.
Krulwich, Lester S. Telephone attachments. 3,184,548, 5–18–65, Cl. 179—148.
Krumbein, Edgar, and S. Muschter, to Columbia Ribbon and Carbon Mfg. Co., Inc. Pressure sensitive transfer element. 3,194,676, 7–13–65, Cl. 117—36.1.
Krumm, Richard L.: *See*—
Schwarz, Paul A., and Krumm. 3,184,161.
Krumm, Stephen, to Union Carbide Corp. Antistatic thermoplastic vinyl resin compositions comprising oxyalkylated imidazolines. 3216,957, 11–9–65, Cl. 260—23.
Krummeck, Ludwig A., to E. I. du Pont de Nemours and Co. Spinneret production. 3,187,607, 6–8–65, Cl. 76—107.
Krummeich, Wilhelm, to Nuklear-Chemie und- Metallurgie Gesellschaft m.b.H. Process for the production of dense shaped graphitic bodies. 3,197,527, 7–27–65, Cl. 264—29.
Kruper, Andrew P., to Westinghouse Electric Corp. High gain transistor comprising direct connection between base and emitter electrodes. 3,210,617, 10–5–65, Cl. 317—234.
Kruper, Wayne A.: *See*—
Pochapsky, Harry, and Kruper. 3,226,308.
Krupick, Walter J., and H. Binder, to General Precision, Inc. Permanent magnet D.C. torquer. 3,178,599, 4–13–65, Cl. 310—154.
Krupick, Walter J., J. Hoffman, and C. J. Ballester, to General Precision, Inc. Two axis case rotating gyroscope. 3,182,-514, 5–11–65, Cl. 74—5.
Krupick, Walter J., and H. Binder, to General Precision Inc. Magnet field winding including an integral magnetizing winding and method of assembly. 3,217,198, 11–9–65, Cl. 310—155.
Krupka, John F., to National Dairy Products Corp. Conveyor control system. 3,187,875, 6–8–65, Cl. 198—32.
Krupotich, Edward A., to Econ-O-Post Corp. Mail sorting apparatus. 3,220,547, 11–30–65, Cl. 209—74.
Krupp, Robert F.: *See*—
Swenson, Donald L., and Krupp. 3,166,107.
Krupp, Robert F., to Gerber Products Co. Container pattern former for retort loading machine. 3,171,239, 3–2–65, Cl. 53—154.
Krupp, Robert F., to Gerber Products Co. Machine for unloading retort crates. 3,198,361, 8–3–65, Cl. 214—310.
Kruse, Frederick W., Jr.: *See*—
Buck, Andre G., and Kruse. 3,209,352.
Kruse, Frederick W., Jr., to Alfred Electronicss. Broadband crystal diode detector. 3,212,015, 10–12–65, Cl. 329—162.
Kruse, Howard F.: *See*—
Bollens, Walter F., and Kruse. 3,220,451.
Kruse, James A., and T. E. Austin, to North American Aviation, Inc. Brazed joint and method of making the same. 3,198,556, 8–3–65, Cl. 285—93.
Kruse, Jurgen M.: *See*—
Huntley, Earl B., Kruse, and Way. 3,184,415.
Kruse, Otto, to W. Fette. Material feeding device for tableting machines and the like. 3,225,713, 12–28–65, Cl. 107—17.
Kruse, Robert B., and J. B. Baldwin, to Thiokol Chemical Corp. Liquid displacement strain indicator. 3,166,934, 1–26–65, Cl. 73—94.
Kruse, Werner, to Willhelm Fette Prazisionswerkzeug-Fabrik. Self-opening thread rolling head. 3,196,650, 7–27–65, Cl. 72—67
Kruse, Willard E., to E. I. du Pont de Nemours and Co. Production of metal oxides through oxidation of metal halides. 3,203,763, 8–31–65, Cl. 23—202.
Krusemark, Frederick A. Multi-stage hydraulic master cylinder. 3,191,384, 6–29–65, Cl. 60—54.6.
Krutsch, John. Fishlure device. 3,163,956, 1–5–65, Cl. 43—35.
Kruy, Joseph F., to Honeywell Inc. Shift register utilizing a holding pulse to obviate interstage signal storage means. 3,198,960, 8–3–65, Cl. 307—88.5.
Kruy, Joseph F., to Honeywell Inc. Bistable tunnel diode and steering circuit. 3,207,929, 9–21–65, Cl. 307—88.5.
Kruyt, Willem, S. van der Meer, and H. Pouwels, to Nederlandsche Combinatie voor Chemische Industrie, N.V. Composition for treating fascioliasis and methods of treatment. 3,202,575, 8–24–65, Cl. 167—53.
Kruythoff, Percy N., and S. L. Boersma, to Optische Industrie "De Oude Delft," N.V. Optical system having light dispersing means for transmitting and receiving an image of an object. 3,191,487, 6–29–65, Cl. 88—1.
Kruzell, George R. Closed breech gun. 3,225,657, 12–28–65, Cl. 89—187.
Kruzic, Zelko J., to Westinghouse Electric Corp. Electric control device. 3,201,545, 8–17–65, Cl. 200—106.
Krylow, Konstanty E.: *See*—
Reimer, William A., and Krylow. 3,218,615.
Krylow, Konstanty E., and J. T. Perry, to Automatic Electric Laboratories, Inc. Self-resetting magnetic memories. 3,206,736, 9–14–65, Cl. 340—174.
Kryman, Edwin F., to R. E. Chapin Mfg. Works, Inc. Backflow preventing valve. 3,207,171, 9–21–65, Cl. 137—218.
Krynski, John E., to Ametek, Inc. Filter. 3,200,951, 8–17–65, Cl. 210—404.
Krynytzky, Alexander, to Baldwin-Lima-Hamilton Corp. Shear for billets and the like. 3,170,351, 2–23–65, Cl. 83—157.
Krysiak, Edward L. Bowling practice game device. 3,215,-434, 11–2–65, Cl. 273—127.
Krysiak, Henry R., to E. I. du Pont de Nemours and Co. Process for bonding rubber to linear condensation polyester structures. 3,222,238, 12–7–65, Cl. 156—330.
Kryszek, Stanislas, to Hard Alloys Ltd. Lathe or like tools. 3,216,086, 11–9–65, Cl. 29—96.
Kryzer, Benjamin H., to Union Tank Car Co. Regenerant supply system for liquid treatment apparatus. 3,185,302, 5–25–65, Cl. 210—126.
Kryzer, Benjamin H., to Union Tank Car Co. Line pressure operated metering device for water conditioning system. 3,203,602, 8–31–65, Cl. 222—442.
Kryzer, Benjamin H., to Union Tank Car Co. Multiple flow valve control for liquid treatment apparatus. 3,215,273, 11–2–65, Cl. 210—121.
Kryznoski, Louis F., to Atlantic Production Corp. Carrying bag construction. 3,164,231, 1–5–65, Cl. 190—43.
Krzemicki, Kasimir, to Osterreichische Stickstoffwerke Aktiengesellschaft. Method of preparing acrylonitrile free from acetonitrile. 3,210,399, 10–5–65, Cl. 260—465.3.
Krzeminski, Zbigniew S., and J. B. Schrameyer, to C.S.R. Chemicals Pty. Ltd. Apparatus for the measurement of electrical conductivity in combustion zones. 3,175,886, 3–30–65, Cl. 23—254.
Krzesinski, Boleslaw: *See*—
Mann, Ralph J., Alford, and Krzesinski. 3,167,385.
Krzewina, Thomas, to General Electric Co. Additive dispenser for dishwashers. 3,212,675, 10–19–65, Cl. 222—70.
Krzych, Louis J.: *See*—
Bradford, Dean C., and Krzych. 3,201,720.
Kuba, Samuel: *See*—
Davies, Robert W., and Kuba. 3,206,799.
Kubach, Hans D., and J. C. Martin, to Bailey Meter Co. Monitoring device. 3,187,233, 6–1–65, Cl. 317—146.
Kubala, Elisha S. Belt machine. 3,182,572, 5–11–65, Cl. 94—45.
Kubala, Elisha S. Street and highway paver. 3,217,621, 11–16–65, Cl. 94—48.
Kubala, Vladimir J., and A. A. Riddlesworth, to Armour and Co. Canning barbecued ribs. 3,193,394, 7–6–65, Cl. 99—187.
Kuban, Robert, and Z. Kalenda, to Meopta, narodni podnik. Automatic apparatus for artificial respiration. 3,166,068, 1–19–65, Cl. 128—29.
Kube, Kurt: *See*—
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Kubelka, Alois: *See*—
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Kubíček, Stanislav: *See*—
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Kubick, Harry A.: *See*—
Warren, Horace G., and Kubick. 3,173,325.
Kubik, Paul P.: *See*—
Check, Mathias M., and Kubik. 3,203,210.
Kubitz, Karl A., to Tenneco Chemicals, Inc. Textile lubricants. 3,223,623, 12–14–65, Cl. 252—8.6.
Kübler, Friedrich: *See*—
Breitenbach, Karl H., and Kübler. 3,225,392.
Kubler, Friedrich, and E. Dausch, to SKF Kugellagerfabriken Gesellschaft mit beschranker Haftung. Textile drawing mechanism. 3,205,539, 9–14–65, Cl. 19—267.
Kubly, Raymond: *See*—
Robak, Edward, and Kleeberger. 3,220,292.
Kubnick, Norman R., to Bell & Howell Co. Collapsible carrying case. 3,176,742, 4–6–65, Cl. 150—34.
Kubo, Hideo: *See*—
Sumiki, Yusuke, Umezawa, Fukunaga, Yonehara, Kubo, Fufita, Shirato, Takaga, Kato, Esumi, and Ono. 3,183,153.
Kubodera, Hisayoshi. Coating apparatus. 3,209,724, 10–5–65, Cl. 118—124.
Kubodera, Hisayoshi. Apparatus for mixing, agitating, abrading or crushing various materials. 3,218,041, 11–16–65, Cl. 259—81.
Kubota, Hiroaki: *See*—
Shimeha, Jiro, Ozawa, Tanaka, Matsumura, and Kubota. 3,183,201.
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Ataka, Takesi, and Kubota. 3,188,934.
Kubota, Isamu, and T. Ataka, to Minolta Camera Co. Ltd. Battery powered motion picture camera with remote control. 3,187,341, 6–1–65, Cl. 352—174.
Kubota, Keijiro: *See*—
Amada, Sanae, Kubota, Kobayashi, Okajima, and Nanbo. 3,182,333.
Kubota, Keijiro, H. Ohta, Y. Okajima, S. Kineri, Y. Harasaki, and K. Kirigaya, to Nippon Telegraph and Telephone Public Corp. Electrostatographic recording medium and a method of making the same. 3,212,931, 10–19–65, Cl. 117—218.
Kubota, Takeo: *See*—
Nakane, Takashi, Kubota, and Umezawa. 3,220,872.

Kubota, Yasuharu: *See*—
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Kubovy, Joseph V.: *See*—
Borchetta, Ralph G., Jr., Bogdanski, Kubovy, and Mulreed. 3,193,922.
Kubow, Robert M.: *See*—
Morris, Willis B., and Kubow. 3,194,517.
Kucera, Joseph B., 50% to R. L. Lowell. Material handling apparatus. 3,204,786, 9–7–65, Cl. 214—17.
Kuch, Heiner, and H. Jacobi. Vehicle and guide rail therefor. 3,180,280, 4–27–65, Cl. 104—245.
Kuchar, Joseph, to Union Railway Equipment Co. Hand brake mechanism. 3,169,411, 2–16–65, Cl. 74—505. 2–9–65, Cl. 325—319.
Kuchen, Richard, and H.-J. Sossna, to Motomak, G.m.b.H. Self-adjusting hydraulic valve lifter for piston engines. 3,177,857, 4–13–65, Cl. 123—90.
Kuchen, Richard, and H.-J. Sossna, to Motomak, G.m.b.H. Self-adjusting hydraulic valve lifter for piston engines. 3,176,669, 4–6–65, Cl. 123—90.
Kuchenbecker, Morris W., to American Can Co. Container. 3,172,594, 3–9–65, Cl. 229—17.
Kuchenbecker, Morris W., to American Can Co. Tray. 3,180,554, 4–27–65, Cl. 229—28.
Kuchenhart, Friedrich-Wilhelm, to Rohde & Dorrenberg. Device for dressing grinding discs. 3,175,547, 3–30–65, Cl. 125—11.
Kuck, David J., and J. B. Lindecker. Method of forming F-shaped and L-shaped laminations for shell-type core. 3,181,402, 5–4–65, Cl. 83—32.
Kuck, John H., to United States of America, Navy. Opto-electronic panel data processor. 3,178,708, 4–13–65, Cl. 343—7.7.
Kuckek, Henry A., to The Dow Chemical Co. Clad porous metal sheets. 3,177,574, 4–13–65, Cl. 29—423.
Kückelhahn, Kurt: *See*—
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Kuckes, Walter H.: *See*—
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Kuckhoff, Carl J., and H. J. Biedinger, to The Syracuse Stamping Co., Inc. Ribbon spool. 3,195,828, 7–20–65, Cl. 242—74.1.
Kuckhoff, Carl J., Sr.: *See*—
Kuckhoff, John C. 3,207,470.
Kuckhoff, John C., deceased, C. J. Kuckhoff, Sr., A. W. Wilson, Sr., and Merchants National Bank and Trust Co., executors, to Syracuse Stamping Co. Inc. Spring biased pivoted terminal gate valve. 3,207,470, 9–21–65, Cl. 251—179.
Kuczewski de Poray, Marcel C. Horizontal boiler having a fire tube and smoke tubes. 3,176,663, 4–6–65, Cl. 122—149.
Kuczewski de Poray, Marcel C. High speed cyclical rotary mercury switch. 3,183,318, 5–11–65, Cl. 200—32.
Kuczynski, Edward J.: *See*—
Cantor, Harry A., Horback, Vona, and Kuczynski. 3,223,670.
Kudisch, Norman: *See*—
Leebrick, John R., and Kudisch. 3,214,490.
Kudlacik, Henry W., to General Electric Co. Gas-cooled end winding for dynamoelectric machine rotor. 3,225,231, 12–21–65, Cl. 310—64.
Kudlaty, Walter J., to Flick-Reedy Corp. Device for removing a gas from a liquid. 3,193,988, 7–13–65, Cl. 55—160.
Kudler, Phillip: *See*—
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Kudo, Norihiro: *See*—
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Kudriavetz, Peter, Jr., to Acushnet Process Co. Flexible coupling. 3,224,224, 12–21–65, Cl. 64—11.
Kudritzki, Hans: *See*—
Mach, Horst, and Kudritzki. 3,201,062.
Kudsi, Mohamed B., to United Aircraft Products, Inc. Separator for liquid and gaseous fluids. 3,199,273, 8–10–65, Cl. 55—318.
Kuebler, Robert A.: *See*—
Kestner, Harold R., and Kuebler. 3,169,205.
Kuebler, William F., Jr., A. I. Goldsby, A. M. Lindsey, and P. D. Nowin. Enteric coated anthelmintic and method of using same. 3,179,561, 4–20–65, Cl. 167—53.
Kuechenmeister, Craig A. Air-bled coaxial injector. 3,182,646, 5–11–65, Cl. 123—119.
Kueck, Darwin R., A. T. Adams, and L. L. Froning, to The Rath Packing Co. Process for canned meat. 3,192,053, 6–29–65, Cl. 99—187.
Kuecken, John A., to Avco Corp. Adjustable slotted wave guide radiator with coupling element. 3,176,300, 3–30–65, Cl. 343—767.
Kuehl, Earl J., and L. R. Apparatus for tabulating and collecting purchase payments. 3,202,345, 8–24–65, Cl. 232—1.
Kuehl, Ernest W., and I. E. Robb, to International Telephone and Telegraph Corp. Quick coupling structure. 3,165,340, 1–12–65, Cl. 285—316.
Kuehl, La May R.: *See*—
Kuehl, Earl J., and L. R. 3,202,345.
Kuehl, Thomas J., to Flat Metal Mfg. Co. Inc. Shower cabinet construction. 3,182,767, 5–11–65, Cl. 189—36.
Kuehn, Howard E., to Farrel-Birmingham Co., Inc. Calender rolls. 3,191,263, 6–29–65, Cl. 29—121.
Kuehn, Jack W., and H. W. Atkins, to Dari-Go-Round, Inc. Flavor mixing and dispensing device and method. 3,224,740, 12–21–65, Cl. 259—8.
Kuehn, Otto L.: *See*—
Lahr, Robert G., and Kuehn. 3,201,898.
Kuehne, Gerhard B., and M. E. Levin, to Eitel-McCullough, Inc. Electorn gun and support structure therefor. 3,176,179, 3–30–65, Cl. 313—237.
Kuehne, Gerhard B., and W. P. Schulz, to Eitel-McCullough, Inc. Dielectric window and method of making it. 3,179,213, 4–20–65, Cl. 189—36.5.
Kuehne, Richard O.: *See*—
Gilman, Wayne C., and Kuehne. 3,184,047.
Kuehne, Walter, to Texas Instruments Inc. Multi-phase signal processor for light line optical correlator. 3,184,679, 5–18–65, Cl. 324—77.
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Kuehnle, Manfred R., to Itek Corp. Transmission. 3,174,354, 3–23–65, Cl. 74—424.5.
Kuehnle, Manfred R., to Itek Corp. Method of making helical article. 3,207,827, 9–21–65, Cl. 264—174.
Kuelbs, Donald R.: *See*—
Baker, Donald H., Colton, and Kuelbs. 3,188,749.
Kuellmar, Adolph G.: *See*—
Vander Hyde, Edward, McLaughlin, and Kuellmar. 3,168,055.
Kuemmerer, Henry R., to Deering Milliken Research Corp. Polymers and their production. 3,189,578, 6–15–65, Cl. 260—77.5.
Kuennen, Edmund H. Thumb tack. 3,205,757, 9–14–65, Cl. 85—16.
Kuenzig, Daniel C., to Erie Resistor Corp. Electromechanical tuned filter. 3,176,251, 3–30–65, Cl. 333—72.
Kuerston, Richard D., to Phillips Petroleum Co. Helium separation. 3,181,307, 5–4–65, Cl. 62—23.
Kuester, Warren J.: *See*—
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Kuether, Frederick W., to Honeywell Inc. Measuring apparatus. 3,200,647, 8–17–65, Cl. 73—359.
Kuether, Frederick W., to Honeywell, Inc. Integrated neutron flux indicator. 3,201,589, 8–17–65, Cl. 250—83.1.
Kuether, Frederick W., to Honeywell Inc. High temperature sensors. 3,221,554, 12–7–65, Cl. 73—359.
Kuever, Cecil P. Punch apparatus. 3,171,316, 3–2–65, Cl. 83—451.
Kuever, Cecil P. Stack elevator for printing machine. 3,226,112, 12–28–65, Cl. 271—62.
Kufert, Larry, to The Bendix Corp. Altitude selector system for automatic pilot. 3,184,667, 5–18–65, Cl. 318—489.
Kuffer, Clarence O., to Aerosol Research Co. Aerosol valve. 3,219,069, 11–23–65, Cl. 141—20.
Kuffler, Roland I., to Merz-Chambers Corp. Mechanical nulling device for mechanical gaging. 3,204,340, 9–7–65, Cl. 33—172.
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Kugel, Fritz, to J. M. Voith, G.m.b.H. Fluid flow transmission, especially for rail vehicle. 3,169,371, 2–16–65, Cl. 60—54.
Kugel, Fritz, to J. M. Voith G.m.b.H. Drive means for plural axles of a vehicle. 3,199,372, 8–10–65, Cl. 74—665.
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Kugler, Calvin N., and W. V. Marbach, to Union Carbide Corp. Method of processing continuous strands of encased sausage links and apparatus therefor. 3,223,531, 12–14–65, Cl. 99—109.
Kugler, Emanuel. Dispensing flexible bag. 3,171,581, 3–2–65, Cl. 229—53.
Kugler, Tibor, and V. Vesely. Plasma-jet-gun. 3,206,587, 9–14–65, Cl. 219—75.
Kugler, Walter, to Allgemeine Elektricitats-Gesellschaft, and Deutsche Edelstahl Werke AG. Melting furnace. 3,190,948, 6–22–65, Cl. 13—27.
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Kuhl, Bernard A., to General Motors Corp. Lift mechanism for dozer blade assembly. 3,222,804, 12–14–65, Cl. 37—144.
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Kuhl, Otto A., and A. B. Oltmann, to United States of America, Atomic Energy Commission. Food irradiator and method. 3,192,054, 6–29–65, Cl. 99—214.
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Kuhlman, Irene D. Means for holding correction material for correcting typing errors. 3,180,474, 4–27–65, Cl. 197—181.
Kuhlman, Richard, to Radio Corp. of America. Package. 3,184,054, 5–18–65, Cl. 206—56.
Kuhlman, Roy M., to PKG. Corp. Carton construction. 3,223,307, 12–14–65, Cl. 229—28.
Kuhlman, Walter F., to Kuhlman Instrument Co. Pressure testing apparatus. 3,224,276, 12–21–65, Cl. 73—401.
Kuhlmann, August M., to Union Carbide Corp. Silicon metal production. 3,215,522, 11–2–65, Cl. 75—10.
Kuhlmann, Emil P., to The National Cash Register Co. Cabinet mounting for cash registers, accounting and like machines. 3,199,936, 8–10–65, Cl. 312—208.
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Perronin, Jean. 3,219,609.
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Kuhn, Albert J., and L. J. Mann, to General Motors Corp. Refrigerating apparatus with defrost control means. 3,174,297, 3–23–65, Cl. 62—156.
Kuhn, Charles H. Bird feed shipping container. 3,179,244, 4–20–65, Cl. 206—47.
Kuhn, Christian, deceased, by M. Kuhn, nee Ehlers, sole heiress, to F. Hermann. Air-cooled steam-condenser system. 3,204,693, 9–7–65, Cl. 165—111.
Kuhn, Clarence W., and C. R. Smith, to Cutler-Hammer, Inc. Snap action electric switch mechanism. 3,207,868, 9–21–65, Cl. 200—67.
Kuhn, Donald H., to General Electric Co. Closely spaced stocked waveguide antenna array employing reciprocal ridged waveguide phase shifters. 3,205,501, 9–7–65, Cl. 343—778.
Kuhn, Gerhard, to McCulloch Corp. Steering device for marine drive units. 3,171,380, 3–2–65, Cl. 114—150.
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Kuhn, Klaus, and T. Netzer, to Nitrochemie G.m.b.H. Silicone propellant compositions containing nitroguanidine. 3,197,349, 7–27–65, Cl. 149—19.
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Kuhn, William E., to The Carborundum Co. Submicron silicon carbide. 3,175,884, 3–30–65, Cl. 23—208.
Kuhn, William J., and P. E. Maurice, to Heatbath Mfg. Co., Inc. Means for mounting pilot burners in relation to main burners. 3,178,140, 4–13–65, Cl. 248—68.
Kuhn, William J., and P. E. Maurice, to Heatbath Mfg. Co., Inc. Pilot burner shields. 3,202,202, 8–24–65, Cl. 158—115.
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Kuhne, Gerhard, to Deutsche Erdol-Aktiengesellschaft. Means for locking a screw-threaded connection between two complementary screw-threaded members. 3,203,460, 8–31–65, Cl. 151—14.
Kuhne, Gerhard, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing homo- and copolymers of vinyl chloride in an aqueous emulsion and subsequently spray drying the latex. 3,208,965, 9–28–65, Cl. 260—30.6.
Kuhne, Heinz A., J. W. Seehausen, and T. von Gebhardi, to The American Schack Co., Inc. High temperature recuperator. 3,185,210, 5–25–65, Cl. 165—134.
Kuhne, Heinz A., J. W. Seehausen, and T. von Gebhardi, to The American Schack Co., Inc. High temperature recuperator. 3,187,808, 6–8–65, Cl. 165—83.
Kuhne, Rudolf, to Ruf-Buchhaltung Aktiengesellschaft. Apparatus for reading characters recorded on a carrier by producing corresponding electrical impulses. 3,199,079, 8–3–65, Cl. 340—146.3.
Kuhne, Rudolf, F. Meininger, and W. Noll, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Azo-dyestuffs. 3,197,456, 7–27–65, Cl. 260—163.
Kuhne, Rudolf, F. Meininger, and R. W. Pfirrmann, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius Bruning. N-aralkyl-and N-aryl derivatives of tetrahydrooxathiazine-(1,4,5)-dioxide-(4,4) and process for preparing them. 3,202,657, 8–24–65, Cl. 260—243.
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Kuhner, Max H., to Riley Stoker Corp. Steam generating unit. 3,189,007, 6–15–65, Cl. 122—491.
Kuhnis, Hans H., and R. Denss. 3-amino-4-cyano-5,5 di-lower alkyl-2-cyclohexene-1-ones. 3,217,010, 11–9–65, Cl. 260—294.3.
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Kuhnle, Ernst, and J. Schwarz, to Bizerba-Werke Wilhelm Kraut K.G. Travelling roller and cutting means in label-making apparatus. 3,196,781, 7–27–65, Cl. 101—66.
Kühnle, Paul, to Fr. Hesser Maschinenfabrik-Aktiengesellschaft. Machine for manufacturing bag packages. 3,183,798, 5–18–65, Cl. 93—8.
Kuhrdt, Gunther P. T., to Telefunken Patentverwertungs-G.m.b.H. Varying repetition rate pulse echo system. 3,169,243, 2–9–65, Cl. 343—7.7.
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Kuhrt, Friedrich, W. Engel, and H.-J. Lippmann, to Siemens-Schuckertwerke Aktiengesellschaft. Device for producing a torque or torsion responsive signal. 3,170,323, 2–23–65, Cl. 73—136.
Kuhrt, Friedrich, and H.-J. Lippmann, to Siemens-Schuckertwerke Aktiengesellschaft. Magneto-electric signal transmitter. 3,179,856, 4–20–65, Cl. 317—157.
Kuhrt, Friedrich, and J. Brunner, to Siemens-Schuckertwerke Aktiengesellschaft. Hall device transmitter including a field signal storing foil in the magnetic circuit. 3,192,471, 6–29–65, Cl. 324—45.
Kuhrt, Friedrich, and H.-J. Lippmann, to Siemens-Schuckertwerke Aktiengesellschaft. Signal-transmitting apparatus for conveyances travelling between stations. 3,219,989, 11–23–65, Cl. 340—174.1.
Kuhrt, Friedrich, H. J. Lippmann, and K. Wiehl, to Siemens-Schuckertwerke Aktiengesellschaft. Apparatus for destination control of a conveyance by means of Hall generators. 3,223,353, 12–14–65, Cl. 243—29.
Kuhrt, Friedrich, and H.-J. Lippmann, to Siemens-Schuckertwerke Aktiengesellschaft. Magneto-electric transmitter of the proximity type. 3,226,631, 12–28–65, Cl. 323—94.
Kuhrt, Friedrich, K. Maaz, E. Rainer, and J. Brunner, to Siemens-Schuckertwerke Aktiengesellschaft. D.C. measuring device using Hall plates connected in feedback relationship and having a common control source. 3,226,640, 12–28–65, Cl. 324—117.
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Kujawa, Richard L., and M. S. Macrander, to Automatic Electric Laboratories, Inc. Non-linear resistance devices. 3,195,091, 7–13–65, Cl. 338—20.
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Kukla, Robert F., to General Electric Co. Magnetic core and coil assembly and terminal pad arrangement therefor. 3,188,592, 6–8–65, Cl. 336—192.
Kuklock, Emmett N., to Dahlberg Electronics, Inc. Wax retarder baffle for hearing aids. 3,197,577, 7–27–65, Cl. 179—184.
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Kulbicki, Georges L., J. Sahores, J. Vanuxem, A. Enjalbert, and J. Capiaux, to Societe anonyme dite Societe Nationale des Petroles d'Aquitaine. Thin section trueing machine. 3,225,493, 12–28–65, Cl. 51—134.
Kulesar, Frank, and W. R. Cook, Jr., to Clevite Corp. PZT piezoelectric wave filter ceramics. 3,179,594, 4–20–65, Cl. 252—62.9.
Kulick, George. Apparatus for precise administration of parenteral fluids. 3,199,511, 8–10–65, Cl. 128—214.
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Kulieke, Frederick C., to Amsted Industries Inc. Articulated structure for railway cars. 3,216,370, 11–9–65, Cl. 105—4.
Kulifay, Stanley M., to Monsanto Co. Purification of gallium. 3,166,405, 1–19–65, Cl. 75—84.
Kulik, John J., and R. F. Schmidt, to United States of America, Navy. Shipboard conical antenna with conductive support mast. 3,189,906, 6–15–65, Cl. 343—710.
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Kull, Albert R., to The Ajax Mfg. Co. Automatic transfer mechanism for forging machines. 3,183,532, 5–18–65, Cl. 10—12.
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Kullmar, Klaus, E. Fischer, and K. Weissermel, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Copolymerization of trioxan with diethylene glycol formal and resulting product. 3,194,788, 7–13–65, Cl. 260—67.
Kullmar, Klaus, E. Fischer, and K. Weissermel, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Polythioacetals of high molecular weight and process for preparing them. 3,218,300, 11–16–65, Cl. 260—79.
Kullmar, Klaus, K. Gutweiler, and K. Weissermel, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Copolymers of cyclic acetals with oxacyclopropane or oxacyclobutane or the derivatives thereof and process for preparing said copolymers. 3,219,631, 11–23–65, Cl. 260—67.
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Kulwiec, Chester. Headlight illumination and signaling system for motor vehicles. 3,179,845, 4–20–65, Cl. 315—83.
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Kumferman, Robert P., to Renner Mfg. Co. Openable rear beam. 3,181,717, 5–4–65, Cl. 214—394.
Kumins, Charles A., D. Smith, and R. G. Frieser, to Interchemical Corp. Strontium chromate light-sensitive carbon tissue. 3,172,763, 3–9–65, Cl. 96—75.
Kummer, Donald L., and M. S. Hochberg, to McDonnell Aircraft Corp. Heat insulating and ablative structure and method of making same. 3,210,233, 10–5–65, Cl. 161—68.
Kummer Freres S.A. Fabrique de Machines: *See*—
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Kummer, Joseph T., to The Dow Chemical Co. Polymerization initiators. 3,179,601, 4–20–65, Cl. 252—441.
Kummer, Joseph T., to The Dow Chemical Co. Method of oxidizing mono-olefins. 3,202,715, 8–24–65, Cl. 260—586.
Kummer, Joseph T., to The Dow Chemical Co. Method of oxidizing mono-olefins. 3,202,717, 8–24–65, Cl. 260—597.
Kummer, Pierre A., to Kummer Freres S.A. Fabrique de Machines. Electrical switching means providing a safety feature in automatic machinery. 3,179,763, 4–20–65, Cl. 200—61.41.
Kummerman, Henri, to International MacGregor Organization (I.M.G.O.). Control device for doors or panels, notably for closing open spaces and the like. 3,190,637, 6–22–65, Cl. 268—75.
Kummerman, Henri, to MacGregor-Comarain. Slow-running reversible piston-engines operating on compressed fluid or the like. 3,220,316, 11–30–65, Cl. 91—176.
Kummerman, Henri, to MacGregor-Comarain. Power-operated hatch covers. 3,220,466, 11–30–65, Cl. 160—188.
Kummerman, Henri, to MacGregor-Comarain. Self-contained cargo handling apparatus for ships, vehicles and stationary plants. 3,220,571, 11–30–65, Cl. 214—15.
Kump, Donald J., and N. F. Lauziere, to Curtiss-Wright Corp. Method of brazing porous materials. 3,222,774, 12–14–65, Cl. 29—488.
Kump, Ernest J. Environmental control system. 3,210,534, 10–5–65, Cl. 240—9.
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Kumro, Howard W., to Worthington Corp. Shaft mount integral drive unit. 3,165,004, 1–12–65, Cl. 74—219.
Kun, Kenneth A., to Rohm & Haas Co. Process of preparing reaction products of a halomethylated cross-linked copolymer, and resulting product. 3,173,892, 3–16–65, Cl. 260—47.
Kun, Kenneth A., to Rohm & Haas Co. HF or HF-BF_3 composition treatment of fibers and films of polystyrene and polyvinyl alcohol or polyvinyl alcohol esters and ethers. 3,217,076, 11–9–65, Cl. 264—232.
Kunc, John F., to Esso Research and Engineering Co. Process and apparatus for preventing knock in gas operated engines. 3,202,140, 8–24–65, Cl. 123—1.
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Kunda, Vasyl, to Sherritt Gordon Mines Ltd. Molybdenum recovery process. 3,196,004, 7–20–65, Cl. 75—84.
Kunda, Vasyl, R. F. Pearce, and V. N. Mackiw, to Sherritt Gordon Mines Ltd. Process for the precipitation of metal values from solutions. 3,218,161, 11–16–65, Cl. 75—108.
Kunde, Joachim, R. Gehm, H. Weissauer, and G. Wellenreuther, to Badische Anilin- & Soda Fabrik Aktiengesellschaft. Elastomers derived from hydrazino compounds of cyclic diazines. 3,216,975, 11–9–65, Cl. 260—77.5.
Kunde, Wayne C., and D. R. Tomko, to Curtiss-Wright Corp. On-off indexing type spring clutch. 3,181,669, 5–4–65, Cl. 192—81.
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Kundel, Steve, to Kundel Construction Co. Means for and methods of grading trenches and laying pipe therein. 3,171,210, 3–2–65, Cl. 33—86.
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Kunel, Heinrich. Grooved packing cup. 3,183,009, 5–11–65, Cl. 277—208.
Kunes, James J., to Westinghouse Electric Corp. Electrical transformer having doubly-oriented and random-oriented laminations. 3,195,081, 7–13–65, Cl. 336—5.
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Kunkel, Jurgen, to Huttenwerk Oberhausen A.G. Mechanical storage apparatus for controlling periodic processes. 3,195,-111, 7–13–65, Cl. 340—173.
Kunkel, Karl E., and D. S. Rosenberg, to Hooker Chemical Corp. Process for production of sulfur dichloride. 3,219,-413, 11–23–65, Cl. 23—205.
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Kuno, Isowo, and T. Niimi, to Shin-Mitsubishi Jukoygo Kabushiki Kaisha. Vibration preventing devices for roll stacks. 3,199,442, 8–10–65, Cl. 100—163.
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Kunsch, Harold E., Jr., to North American Aviation, Inc. Overload protected switching circuit. 3,173,022, 3–9–65, Cl. 307—88.5.
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Kuntz, Louis E., and D. A. Fluegel, to Phillips Petroleum Co. Capacitance bridge compensating circuit utilizing voltage sensitive capacitors. 3,177,427, 4–6–65, Cl. 324—61.
Kuntz, Louis E., and G. G. Hebard, to Phillips Petroleum Co. Measurement of specific gravity and basic sediment and water content of oil. 3,222,918, 12–14–65, Cl. 73—53.
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Kuntz, Urban E., to United Aircraft Corp. Process for producing silicon nitride and a product thereof. 3,226,194, 12–28–65, Cl. 23—191.

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Kutney, John T., to General Electric Co. Cruise fan coupling system. 3,212,733, 10–19–65, Cl. 244—54.
Kutsay, Ali U. Strain gauge. 3,201,977, 8–24–65, Cl. 73—88.5.
Kutschera, Horst W.: *See*—
Kramp, Carl H., and Kutschera. 3,209,436.
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Kuttner, Peter, to Sperry Rand Corp. Memory system utilizing thin magnetic films. 3,200,381, 8–10–65, Cl. 340—174.
Kutz, Jacob H. Remotely operable seat belt locking device. 3,194,582, 7–13–65, Cl. 280—150.
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Jung, Kurt, Kutzcher, and Brumfield. 3,209,150.
Kutzscher, Edgar W., and D. Amara, to Lockheed Aircraft Corp. Infrared tracker. 3,177,362, 4–6–65, Cl. 250—83.3.
Kutzscher, Edgar W., and D. Amara, to Lockheed Aircraft Corp. Infrared search system. 3,219,822, 11–23–65, Cl. 250—83.3.
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Kuwata, Tsutomu, Y., Sugawara, and T. Nakazawa, to Mizusawa Kagaku Kogyo Kabushiki Kaisha. Method of preparing spherical active alumina gel and spherical alumina-silica gel. 3,183,194, 5–11–65, Cl. 252—317.
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Kuwayama, Zennosuke. Speaker enclosure system. 3,194,-340, 7–13–65, Cl. 181—31.
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Kuze, Yoshikazu. Variable delivery oil pumps. 3,175,509, 3–30–65, Cl. 103—162.
Kuze, Yoshikazu. Hydrostatic transmission. 3,188,810, 6–15–65, Cl. 60—53.
Kuze, Yoshikazu. Hydrostatic transmission. 3,200,593, 8–17–65, Cl. 60—53.
Kuze, Yoshikazu. Hydraulic running transmission device. 3,209,538, 10–5–65, Cl. 60—53.
Kuze, Yoshikazu. Radiator cooling fan clutch. 3,221,721, 12–7–65, Cl. 123—41.12.
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Kuzminski, Henry W., to Radio Corp. of America. Method of photocell manufacture by simultaneously sintering the photosensitive material and sealing the cell. 3,177,576, 4–13–65, Cl. 29—471.9.
Kvan, Knud. Roof gutter. 3,222,828, 12–14–65, Cl. 52—11.
Kvarda, Charles, Jr. Christmas light holder. 3,204,090, 8–31–65, Cl. 240—10.
Kvavle, Robert C., to Omark Industries, Inc. Explosively-actuated stud-driving tool. 3,168,744, 2–9–65, Cl. 1—44.5.
Kvavle, Robert C., to United Shoe Machinery Corp. Explosively-actuated stud-driving tool. 3,204,400, 9–7–65, Cl. 60—26.1.
Kvello-Aune, Alf G., to Atlas Copco Aktiebolag. Devices for supplying fluid to a drilling tool. 3,170,525, 2–23–65, Cl. 175—218.
Kvello-Aune, Alf G., and P. F. Tröften, to Atlas Copco Aktiebolag. Drive and feed device for a string of rotary drill string element. 3,190,370, 6–22–65, Cl. 173—37.
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Kwap, Theodore W.: *See*—
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Kwiatek, Jack, and I. L. Mador, to National Distillers and Chemical Corp. Hydrogenation process. 3,205,217, 9–7–65, Cl. 260—143.
Kwiatek, Jack, and I. L. Mador, to National Distillers and Chemical Corp. Hydrogenation process. 3,205,266, 9–7–65, Cl. 260—590.
Kwiatkowski, Herbert. Corrugated structure. 3,182,765, 5–11–65, Cl. 189—34.
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Kwik Lock Forms Co.: *See*—
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Kwik Lok Corp.: *See*—
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Koch, Heinrich. 3,225,084.
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Kyle, James C., to Physical Sciences Corp. Encapsulated extensometer. 3,212,321, 10–19–65, Cl. 73—15.6.
Kyle, William C., to General Motors Corp. Laminated die and method of forming thereof. 3,171,319, 3–2–65, Cl. 83—690.
Kyle, William K., to Westinghouse Electric Corp. Control circuits for electric motors. 3,192,463, 6–29–65, Cl. 318—473.
Kyllonen, Allen W.: *See*—
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Laa, Friedrich, and F. Louzil, to North American Philips Co., Inc. Magazine for a magnetic tape recorder/reproducer. 3,169,721, 2–16–65, Cl. 242—55.13.
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Laakmann, Peter, to American District Telegraph Co. Method and apparatus for detecting motion. 3,193,823, 7–6–65, Cl. 343—7.
Laakso, Perttu V., to The Kendall Co. Bicyclo-(2.2.1)-hept-5-ene-2-carbinylnicotinate. 3,185,697, 5–25–65, Cl. 260—295.5.
Laakso, Perttu V., to The Kendall Co. Immobilizing bandage and method of application. 3,215,137, 11–2–65, Cl. 128—90.
Laaksonen, Mauno E. Beam type construction. 3,182,773, 5–11–65, Cl. 189—82.
Labadie, Paul A.: *See*—
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La Bahn, Raymond W., to United States of America, Navy. Transmission or blocking gate. 3,188,491, 6–8–65, Cl. 307—88.5.
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La Barbera, Joseph, to The J. B. Beaird Co. Integral tank shell heat-exchange coils. 3,176,764, 4–6–65, Cl. 165—168.
La Barbera, Mannie. Releasable battery clip. 3,181,974, 5–4–65, Cl. 136—173.
La Bate, Micheal D. Hot top. 3,165,797, 1–19–65, Cl. 22—147.
La Bate, Micheal D. Self-supporting consumable hot top. 3,165,798, 1–19–65, Cl. 22—147.
La Bate, Michael D. Consumable hot top with inserts of exothermic material. 3,212,749, 10–19–65, Cl. 249—200.
La Bate, Michael D. Consumable hot top with tie-down members. 3,212,750, 10–19–65, Cl. 249—202.
Labbe, Francis A. M.: *See*—
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Labbe, Francis A. M., to Molins Machine Co. Ltd. Tobacco manipulating machines. 3,164,158, 1–5–65, Cl. 131—84.
Labe, Louis A. Tamper-proof cover for coin boxes. 3,206,111, 9–14–65, Cl. 232—15.
Labe, Louis A. Golf bag stand. 3,206,149, 9–14–65, Cl. 248—96.
La Beaume, Paul E., to Burroughs Corp. Semiconductor counter circuit for driving decade indicator. 3,188,520, 6–8–65, Cl. 315—84.6.
La Belle, Clayton J. Reciprocating interfingered conveyors. 3,225,905, 12–28–65, Cl. 198—219.
La Belle, Laurence T.: *See*—
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La Belle, Laurence T., to W. H. Miner, Inc. Buffer. 3,204,781, 9–7–65, Cl. 213—221.
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Labombarde, Raymond A. Apparatus for smoothing coatings. 3,174,875, 3–23–65, Cl. 118—101.
Labombarde, Raymond A. Glossy coating machine and method. 3,202,532, 824–65, Cl. 117—64.
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Laboratoire Roger Bellon, Societe Anonyme dite: *See*—
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Kartaschoff, Pierre. 3,166,888.
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Culver, Robert D. 3,187,138.
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Falconer, Charles B. 3,197,673.
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Fuller, Harrison W., and Rubinstein. 3,212,070.
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Shapiro, Ascher H. 3,178,719.
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Laborde, Alden J., and T. S. Graham. Platform for afloat-condition drilling. 3,207,110, 9–21–65, Cl. 114—.5.
La Borde, Robert C., to Automatic Impulse Recording Corp. Impulse recorder. 3,168,740, 2–2–65, Cl. 346—74.
La Bore, Leonard J., and E. J. Dupre, to Minnesota Mining and Mfg. Co. Non-slip structures. Re. 25,778, 5–18–65, Cl. 161—116.
La Bossiere, Edgar L.: *See*—
Nash, Harold W., La Bossiere, and Torok. 3,165,883.
Labowsky, Andrew. Grinding wheel. 3,164,933, 1–12–65, Cl. 51—209.
LaBranche, Harvey W., and J. C. Dimmer, to Ekco Products Co. Knob mounting. 3,174,178, 3–23–65, Cl. 16—121.

Labrecque, Jean P., and A. J. Tolomeo, to United Aircraft Corp. Emergency flotation gear. 3,176,937, 4–6–65, Cl. 244—107.
La Brie, Eugene A. Multiple speed bicycle hub. 3,186,259, 6–1–65, Cl. 74—750.
Labrique, Georges A. C. M. Simulated golf hole. 3,195,897, 7–20–65, Cl. 273—177.
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Lacam, Andre, and B. Vodar, to Centre National de la Recherche Scientifique. Submarine machines. 3,195,493, 7–20–65, Cl. 114—16.
Lacan, Guy H., and A. G. Faffart, to La Telemecanique Electrique. Electric contact device having means for limiting contact pressure. 3,201,555, 8–17–65, Cl. 200—166.
La Casse, George N., to Joy Mfg. Co. Tilting suspension for crawler frames. 3,225,849, 12–28–65, Cl. 180—9.5.
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Downs, Ernest W., and La Casse. 3,170,473.
L' Accumulateur Fulmen, Societe de: *See*—
Rowe, Robert. 3,175,146.
Lace, Melvin A., to General Time Corp. Apparatus for controlling magnetic pulse counting and forming devices. 3,214,715, 10–26–65, Cl. 336—110.
Lacey, Edward H. Potato sizing machine. 3,215,270, 11–2–65, Cl. 209—106.
Lacey, Elbert M.: *See*—
Rohr, Fred H., and Lacey. 3,190,999.
Lacey, James W., R. Horsfield, and R. V. Welch, to Esso Products Research Co. Oil recovery process. 3,223,157, 12–14–65, Cl. 166—7.
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Lacey, Miles L., to Phillips Petroleum Co. Gas-fired heater with remote air inlet. 3,212,493, 10–19–65, Cl. 126—360.
Lacey, Richard N., A. A. Yeo, and R. T. L. Mowll, to The British Petroleum Co. Ltd. Separation of mixtures. 3,201,490, 8–17–65, Cl. 260—676.
Lacey, Robert E. Circuit breaking receptacle. 3,169,239, 2–9–65, Cl. 340—252.
Lacey, Robert E., to Southern Research Institute. Process and apparatus for removing electrolytes from solutions. 3,219,567, 11–23–65, Cl. 204—180.
Lach, Richard F., to United Aircraft Corp. Safety gate circuit. 3,215,895, 11–2–65, Cl. 317—14.
Lach, Richard F., to United Aircraft Corp. Two pole solid state A.C. switch. 3,217,184, 11–9–65, Cl. 307—88.5.
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Lachance, Armand A.: *See*—
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Lachance, Ernest J., to Mathieson Chemical Corp. Dispenser. 3,189,221, 6–15–65, Cl. 221—192.
Lachance, Gerald J., to A. A. Lachance. Folding seat construction for nesting grocery carts. 3,168,327, 2–2–65, Cl. 280—33.99.
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Lachenmeier, Emil. Reader board. 3,173,220, 3–16–65, Cl. 40—140.
Lacher, William A., to Burroughs Corp. High speed common emitter switch. 3,226,566, 12–28–65, Cl. 307—88.5.
La Chiusa. Arturo A. Automatic transmission and control. 3,205,983, 9–14–65, Cl. 192—9.
La Cie Hydrolic Vincent Inc.: *See*—
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Lackey, Mack E., to United States of America, Atomic Energy Commission. Multi-region neutronic fuel element. 3,215,607, 11–2–65, Cl. 176—67.
Lackey, Robert E. and S. A., to Espey Mfg. & Electronics Corp. (Saratoga Industries Division). Control circuit including a fast acting transistor regulator in parallel with a slow acting magnetic amplifier regulator. 3,199,015, 8–3–65, Cl. 321—19.
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Lackinger, Frank P. Automobile stalling device. 3,185,247, 5–25–65, Cl. 180—82.
Lackman, Burdette C. Shock absorber tester. 3,187,554, 6–8–65, Cl. 73—11.
Laclede Steel Co.: *See*—
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La Combe, Edward M.: *See*—
Bailey, Frederick E., Jr., and La Combe. 3,214,370.
La Combe Edward M., and W. P. Miller, to Union Carbide Corp. Polymerizable furansulfonic acid compounds and polymers thereof. 3,182,042, 5–4–65, Cl. 260—79.3.
La Combe, Edward M., and B. Stewart, to Union Carbide Corp. Production of olefinic compounds from allyl sulfones. 3,185,743, 5–25–65, Cl. 260—682.
La Combe, Edward M., J. H. Ankeney, B. R. Thompson, and A. T. Walter, to Union Carbide Corp. Catalyst for the polymerization of vinyl monomers. 3,219,588, 11–23–65, Cl. 252—426.
La Combe, Edward M., J. H. Ankeney, B. R. Thompson, and A. T. Walter, to Union Carbide Corp. Process for polymerizing vinyl monomers with a catalyst of peracetic acid and an alkyl mercaptan. 3,222,328, 12–7–65, Cl. 260—80.5.
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La Corata, Christopher F. Shoe brush. 3,197,799, 8–3–65, Cl. 15—529.
La Costa, Nicholas J., and R. G. Strickland, to United States of America, Army. Multitube launcher. 3,218,929, 11–23–65, Cl. 89—1.5.
Lacoste, Jean R. Racquet for tennis, badminton, squash and like games with improved stringing means. 3,206,203, 9–14–65, Cl. 273—73.
Lacoste, Jean R. Racquets for tennis, badminton, squash or like game. 3,206,204, 9–14–65, Cl. 273—75.
Lacoste, Lucien, to Rhoads Molded Products Inc. Process of preparing a molded article from a thermosetting formaldehyde resin and sawdust. 3,174,940, 3–23–65, Cl. 260—17.2.
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Lamb, Frank G., to Lamb-Weston, Inc. Alternate vacuum freeze and heat dehydration of food products. 3,218,725, 11–23–65, Cl. 34—5.
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Lamb, Frank G., to Lamb-Weston, Inc. Process for vacuum dehydro-freezing of foodstuffs. 3,219,462, 11–23–65, Cl. 99—204.
Lamb, Frank G., to Lamb-Weston, Inc. Process of dehydro-freezing foods. 3,219,463, 11–23–65, Cl. 99—204.

Lamb, Frances W.: *See*—
Stephens, Ruth E., Hirschler, and Lamb. 3,207,704.
Stephens, Ruth E., Hirschler, and Lamb. 3,224,981.

Lamb, Francis X., to Weston Instruments, Inc. Diaphragm control arrangement. 3,177,789, 4–13–65, Cl. 95—64.

Lamb, George F.: *See*—
Lane, Ralph G., and Lamb. 3,203,053.

Lamb-Grays Harbor Co., Inc.: *See*—
Yowell, James M., and Christensen. 3,212,618.

Lamb, Harold W., to Crossley Machine Co., Inc. Variable impact tile press. 3,179,998, 4–27–65, Cl. 25—84.

Lamb, Harold W., to Crossley Machine Co., Inc. Tile press mechanism. 3,222,748, 12–14–65, Cl. 25—42.

Lamb, Jefferson P., to Dresser Industries, Inc. Electrical logging system for establishing a plurality of electrical fields, sampling the established fields and transmitting the samples on a time-sharing basis. 3,205,433, 9–7–65, Cl. 324—10.

Lamb, John T., to The Tappan Co. Microwave oven control. 3,168,637, 2–2–65, Cl. 219—10.55.

Lamb, John T., to The Tappan Co. Conveyor microwave oven. 3,177,333, 4–6–65, Cl. 219—10.55.

Lamb, Miles A., to FMC Corp. Diffuser tube. 3,206,178, 9–14–65, Cl. 261—122.

Lamb, Robert M. Maple sap spile. 3,204,370, 9–7–65, Cl. 47—52.

Lamb-Weston, Inc.: *See*—
Lamb, Frank G. 3,217,768.
Lamb, Frank G. 3,218,725.
Lamb, Frank G. 3,219,461.
Lamb, Frank G. 3,219,462.
Lamb, Frank G. 3,219,463.

Lambe, James H., to Allis-Chalmers Mfg. Co. Master pin for crawler vehicle endless track. 3,179,475, 4–20–65, Cl. 305—58.

Lambe, Thomas A.: *See*—
Trussell, Paul C., Lambe, and Vitins. 3,190,111.

Lambeau, Eugene: *See*—
Cross, James A., and Lambeau. 3,171,887.

Lambeir, Silvaan R., and M. C. Vereycken, to Gevaert Photo-Producten N.V. Method and apparatus for erasing recordings on magnetic tape and film. 3,191,102, 6–22–65, Cl. 317—157.5.

Lambert Brake Corp.: *See*—
Kershner, Osborn A. 3,184,003.
Kershner, Osborn A., and Price. 3,194,349.

Lambert, Cecil A., to Essex Wire Corp. Direction signal device with auxiliary resetting means for de-energization when vehicle is returned to a straight path. 3,171,912, 3–2–65, Cl. 200—61.34.

Lambert, Chandley W. Missile holder. 3,187,630, 6–8–65, Cl. 89—1.

Lambert, Clifford H., to The Eastern Co. Pipe coupling. 3,207,184, 9–21–65, Cl. 138—89.

Lambert, Frank H., to Champlain-Zapata Plastic Machinery, Inc. Filler, particularly for foam molding. 3,190,501, 6–22–65, Cl. 222—193.

Lambert, George K.: *See*—
Ruff, Harold R., Lambert, and Large. 3,194,965.

Lambert, Glen R. Brush trimmer. 3,194,604, 7–13–65, Cl. 300—17.

Lambert, Harry L., to Royal McBee Corp. Automatic carriage controlled line space setting device for typewriters. 3,197,012, 7–27–65, Cl. 197—114.

Lambert, Inc.: *See*—
Wilgus, Barton M. 3,201,819.

Lambert, Marc H. J., 50% to B. L. J. Liegeon. Hinged doors for wall-cupboards and the like. 3,221,803, 12–7–65, Cl. 160—206.

Lambert, Max S. Crimp grip belt splice. 3,212,147, 10–19–65, Cl. 24—37.

Lambert, Pol: *See*—
Van Evgen, Cvrille, Lambert, and Hendrickx. 3,179,694.

Lambert, Reuben B., to Lampel, Inc. Book rack. 3,182,806, 5–11–65, Cl. 211—43.

Lambert, Richard J., and A. G. Smith, to Minnesota Mining and Mfg. Co. Pressure-sensitive adhesive tape. 3,205,088, 9–7–65, Cl. 117—75.

Lambert, Robert D., to Symington Wayne Corp. Power-operated loading ramp. 3,179,968, 4–27–65, Cl. 14—71.

Lambert, Robert L., and W. R. McKeirnan, to Sylvania Electric Products Inc. Suspension for casting a metal containing film. 3,171,817, 3–2–65, Cl. 252—513.

Lambert, Roger E., to Compagnie de Saint-Gobain. Method of and apparatus for making thermoplastic sheet material. 3,218,141, 11–16–65, Cl. 65—65.

Lambert, William H. Sanitizing composition and method of use. 3,169,905, 2–16–65, Cl. 167—42.

Lamberti, Martin J. Convertible shoes. 3,225,462, 12–28–65, Cl. 36—2.5.

Lamberton, Ralph E., O. R. Lowther, and R. A. Redding, to The Jaeger Machine Co. Oil scavenging system for a rotary compressor. 3,168,236, 2–2–65, Cl. 230—207.

Lamberton, Ralph E., O. R. Lowther, and R. A. Redding, to The Jaeger Machine Co. Rotary compressor. 3,186,630, 6–1–65, Cl. 230—26.

Lamberton, Ralph E., O. R. Lowther, and R. A. Redding, to The Jaeger Machine Co. Rotary compressor. 3,186,631, 6–1–65, Cl. 230—26.

Lambertson, Wingate A., and P. E. Carroll, to The Carborundum Co. Thermistor assembly. 3,205,465, 9–7–65, Cl. 338—22.

Lambie, James H., to Allis-Chalmers Mfg. Co. Clutch lever arrangement for control of ground driven pump. 3,174,604, 3–23–65, Cl. 192—99.

Lambourn, Edward H., to International Standard Electric Corp. Electric pulse code translators. 3,181,136, 4–27–65, Cl. 340—347.

Lambourn, Edward H., to International Standard Electric Corp. Telephone subscriber sets using amplifiers. 3,197,570, 7–27–65, Cl. 179—81.

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Hensley, William H., Torgeson, and Lambrech. 3,190,887.

Lambrech, Vallah G.: *See*—
Hensley, William H., and Lambrech. 3,186,990.
Hensley, William H., Torgeson, and Lambrech. 3,190,887.

Lambros, Nickolas M. Paint applicator or the like. 3,204,278, 9–7–65, Cl. 15—244.

Lamburn, Alan S., to Auto Transmissions Ltd. Planetary drive transmission device. 3,182,528, 5–11–65, Cl. 74—740.

Lamburn, Alan S., and R. L. Abbott, to Axel Wickman Transmission Ltd. Planetary drive transmission device. 3,164,036, 1–5–65, Cl. 74—781.

Lambuth, Alan L., to Monsanto Co. Process for the preparation of epoxide modified adhesive compositions. 3,192,171, 6–29–65, Cl. 260—7.

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Lamex, Inc.: *See*—
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Laming, Lindon C. Pressure vessel seal. 3,225,956, 12–28–65, Cl. 220—46.

Lamken, Walter, A. Koschig, and A. Kaspar, to Licentia Patent-Verwaltungs-G.m.b.H. Brushing and beating device for vacuum cleaners. 3,204,281, 9–7–65, Cl. 15—364.

Lamkin, James E., 35% to W. W. Lowrey, Jr., and W. M. Majors, Jr., jointly, and 5%, M. E. Lamkin. Apparatus for softening water. 3,164,550, 1–5–65, Cl. 210—89.

Lamkin, James E., 15% to M. E. Lamkin. Propellant driven fan. 3,219,260, 11–23–65, Cl. 230—116.

Lamkin, Marion E.: *See*—
Lamkin, James E. 3,164,550.
Lamkin, James E. 3,219,260.

Lamlein, Walter E.: *See*—
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Lamm, Alphonse and G. Processes for the manufacture of natural and synthetic rubbers reinforced with fillers. 3,226,312, 12–28–65, Cl. 204—154.

Lamm, Earl S. Data compiling system. 3,217,142, 11–9–65, Cl. 235—61.11.

Lamm, Gusta: *See*—
Lamm, Alphonse and G. 3,226,312.

Lamm, Heinz, to Daimler-Benz Aktiengesellschaft. Rotary piston combustion engine system. 3,168,078, 2–2–65, Cl. 123—8.

Lamm, Heinz, to Daimler-Benz Aktiengesellschaft. Rotary piston engine. 3,182,641, 5–11–65, Cl. 123—8.

Lamm, Heinz, to Daimler-Benz Aktiengesellschaft. Rotary-piston engine construction. 3,215,340, 11–2–65, Cl. 230—145.

Lamme, Robert E. Wheel cover with locking means. 3,170,733, 2–23–65, Cl. 301—37.

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Lammers, Bernard H. Writing instrument with retractable and yieldable point. 3,205,865, 9–14–65, Cl. 129—42.03.

Lammers, Gerard C., to Standard Oil Co. Process for the recovery of paraxylene. 3,177,265, 4–6–65, Cl. 260—674.

Lammers, Gerald J., to Chemetron Corp. Process for producing phytosterol material from cucurbitaceae. 3,219,542, 11–23–65, Cl. 195—1.

Lammers, Lambertus J. A. Magnetic filter. 3,216,574, 11–9–65, Cl. 210—223.

Lammerts, Walter E., to Germain's, Inc. Dormancy control of rose plants. 3,180,056, 4–27–65, Cl. 47—58.

Lammler, Georg, F. Patat, R. Kerber and J. Reinertshofer, deceased (by M. B. Reinertshofer, heir), to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Bis-(β-carbhydrazido-ethyl)-sulfone. 3,209,025, 9–28–65, Cl. 260—561.

Lamneck, William J., to Bell Telephone Laboratories, Inc. Data identity generator. 3,196,401, 7–20–65, Cl. 340—172.5.

La Monica, Frank, to A. Rontondo & Sons. Apparatus for molding concrete or like plastic products. Re. 25,758, 4–6–65, Cl. 25—130.

La Monica, James A.: *See*—
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Lamons, Robert P., to Andrew Corp. Foam-dielectric coaxial cable with temperature-independent relative conductor length. 3,173,990, 3–16–65, Cl. 174—102.

Lamont, H. Blair: *See*—
Patry, Harvey L., E., and F. J., and Lamont. Re. 25,733.

Lamont, John L.: *See*—
Thompson, James, Farrell, and Lamont. 3,222,163.

Lamont, Keith, to Associated Electrical Industries Ltd. Means for controlling VHF loop gain of a feedback amplifier. 3,191,128, 6–22–65, Cl. 330—103.

Lamont, Lewis H. Emergency control for a vehicle. 3,186,508, 6–1–65, Cl. 180—82.

Lamont & Riley, Inc.: *See*—
Patry, Harvey L., E., and F. J., and Lamont. Re. 25,733.

Lamont, William A.: *See*—
Domba, Elemer, and Lamont. 3,180,786.

Lamont, William A., to Nalco Chemical Co. Process for controlling foaming of an aqueous system. 3,198,744, 8–3–65, Cl. 252—321.

Lamoreaux, Harry F., to General Electric Co. Transparent resinous organopolysiloxanes. 3,197,432, 7–27–65, Cl. 260—46.5.

Lamoreaux, Harry F., to General Electric Co. Optically clear organopolysiloxane resins. 3,197,433, 7–27–65, Cl. 260—46.5.

Lamoreaux, Harry F., to General Electric Co. Organosilicon process using a chloroplatinic acid reaction product as the catalyst. 3,220,972, 11–30–65, Cl. 260—46.5.

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Lamort, Pierre L. E. M. 3,221,886.

Lamort, Pierre L. E. M., to E. & M. Lamort, Fils. Apparatus for cleaning liquids containing in suspension solid particles and particularly cellulosic pulps. 3,174,622, 3–23–65, Cl. 209—273.

Lamort, Pierre L. E. M., to E. & M. Lamort, Fils. Backwash filter with filtrate deflector. 3,221,886, 12–7–65, Cl. 210—298.

La Mothe, David J., to General Motors Corp. Transistorized high-speed reversing double-pole-double throw switching circuit. 3,175,100, 3–23–65, Cl. 307—88.5.

Lamoureux, Gilbert J., to Western Electric Co., Inc. Article feed apparatus. 3,212,773, 10–19–65, Cl. 271—62.

Lamp, Benson J., to Massey-Ferguson Inc. Hay wafering apparatus having air separator. 3,203,367, 8–31–65, Cl. 107—14.

Lampe, Albert C.: *See*—
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Lampe Norma Societe "Auto-Lampe," Societe Anonyme: *See*—
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Lampe, Robert C.: *See*—
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Lampe, Robert C., to Electrolux Corp. Self propelled floor treating machine. 3,220,043, 11–30–65, Cl. 15—340.

Lampel, Inc.: *See*—
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Lamphere, Jean K.: *See*—
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Kammerer, Archer W. 3,171,502.
Kammerer, Archer W. 3,196,959.
Kammerer, Archer W. 3,196,960.

Lampke, George G., to Raytheon Co. Auto-stabilized level selector. 3,176,148, 3–30–65, Cl. 307—88.5.

Lampke, George G., to Raytheon Co. Compressor-expander. 3,176,224, 3–30–65, Cl. 325—38.

Lampke, George G., to Raytheon Co. Power supply regulators. 3,226,630, 12–28–65, Cl. 323—66.

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Bridgeman, Hagood C., and Lampley. 3,166,885.

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Devine, Martin J., and Lamson. 3,194,759.

Lamson, Edward R., and M. J. Devine. Solid lubricant composition and method for lubricating anti-friction bearing structures. 3,198,735, 8–3–65, Cl. 252—25.

Lamson, Edward R., and M. J. Devine. Lubricated bearing assembly. 3,211,502, 10–12–65, Cl. 308—121.

Lamson & Sessions Co., The: *See*—
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Stover, Jordan H., III. 3,198,230.

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Lanahan, Arthur L., 40% to F. Hill. Rotary piston impulse gas engine. 3,207,137, 9–21–65, Cl. 123—13.

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Lancaster, Earl B., and E. L. Griffin, Jr., to United States of America, Agriculture. Anhydrous HCl modification of flour. 3,175,928, 3–30–65, Cl. 127—38.

Lancaster Glass Corp.: *See*—
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Lancaster, Kenneth, P. C. Pugsley, and B. A. Turner, to The General Electric Co. Ltd. Analogue to digital converter utilizing E head sensing. 3,313,443, 10–19–65, Cl. 340—347.

Lancaster, Marie A. Skeleton assembly for a simulated french poodle. 3,210,888, 10–12–65, Cl. 46—163.

Lance, Bruce J. Apparatus for forming replacement exhaust pipes and method of using same. 3,196,661, 7–27–65, Cl. 72—389.

Lance, Drew R., to Fairchild Camera and Instrument Corp. Solid state microwave source utilizing three tuning means. 3,204,199, 8–31–65, Cl. 331—117.

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Lanctot, Donald H., deceased; J. Lanctot, executrix, to Lantronics, Inc. Liquid displacement electric circuit forming device. 3,184,693, 5–18–65, Cl. 333—24.

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Lancy, Leslie E., to Lancy Laboratories, Inc. Treatment of toxic copper-containing solutions. 3,218,254, 11–16–65, Cl. 210—48.

Land, Burl T. and T. G. Dispensing apparatus for strip materials. 3,190,004, 6–22–65, Cl. 33—127.

Land, Edwin H., to Polaroid Corp. Photographic product having X-ray intensifier screen as an integral component of the image receiving sheet. 3,185,841, 5–25–65, Cl. 250—68.

Land, Edwin H., to Polaroid Corp. Photographic apparatus. 3,194,138, 7–13–65, Cl. 95—13.

Land, Edwin H., to Polaroid Corp. Method of treating photographic sheet with a liquid. 3,200,726, 8–17–65, Cl. 95—13.

Land, Edwin H., to Polaroid Corp. Diffusion transfer photographic process and product. 3,220,835, 11–30–65, Cl. 96—29.

Land, Edwin H., to Polaroid Corp. Method for producing and viewing multicolored stereoscopic images. 3,221,599, 12–7–65, Cl. 88—29.

Land, Edwin H., to Polaroid Corp. Diffusion transfer process. 3,222,168, 12–7–65, Cl. 96—29.

Land, Edwin H., to Polaroid Corp. Reflex copying by diffusion transfer. 3,222,171, 12–7–65, Cl. 96—29.

Land, Edwin H., N. Gold, P. B. Mason, and A. J. Sable, to Polaroid Corp. Photographic document copying apparatus. 3,165,046, 1–12–65, Cl. 95—75.

Land, Edwin, and H. G. Rogers, to Polaroid Corp. Diffusion transfer color processes. 3,188,209, 6–8–65, Cl. 96—3.

Land, Edwin H., R. J. Chen, J. W. Lothrop, and R. R. Wareham, to Polaroid Corp. Camera apparatus for exposing and processing photographic film. 3,194,137, 7–13–65, Cl. 95—11.

Land, Edwin H., and M. S. Dietz, to Polaroid Corp. Illumination responsive photographic shutter apparatus. 3,205,707, 9–14–65, Cl. 95—10.

Land, Edwin H., and M. M. Morse, to Polaroid Corp. Diffusion transfer to stratum of a silver image inked and used in printing. 3,220,837, 11–30–65, Cl. 96—29.

Land, Edwin H., and N. W. Daw, to Polaroid Corp. Method for forming and viewing color separation stereoscopic images. 3,221,600, 12–7–65, Cl. 88—29.

Land, Harry A., and P. F. Plomb, to International Harvester Co. Seal between relatively rotating parts. 3,167,321, 1–26–65, Cl. 277—92.

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Landau, William L., and E. R. Burkholder, to Hollister Inc. Inoculation device and method. 3,205,151, 9–7–65, Cl. 195—103.5.

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Landberg, George G., and P. D. Wagner, to Allis-Chalmers Mfg. Co. Fan-cooled electric motor. 3,213,304, 10–19–65, Cl. 310—53.

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Landells, George, and B. Manogue, to The Bradford Dyers' Assn. Ltd. Textile materials and process for manufacturing them. 3,216,780, 11–9–65, Cl. 8—116.3.

Lander, Ann W.: *See*—
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Lander, John J., and J. W. Rhyne, Jr., to General Motors Corp. Silver oxide palladium electrode. 3,212,934, 10–19–65, Cl. 136—30.

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Landers, James E., and O. L. Riggs, Jr., to Continental Oil Co. Reference electrode bridge assembly. 3,208,928, 9–28–65, Cl. 204—196.

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Landers, William D. Garment protector. 3,167,224, 1–26–65, Cl. 223—98.

Landes, Wesley K., and A. F. Johnson. Aircraft floats. 3,208,421, 9–28–65, Cl. 114—66.5.

Landesman, Eugene. Screen printing machine with oscillating stencil frame. 3,166,011, 1–19–65, Cl. 101—123.

Landesman, Herbert, to Olin Mathieson Chemical Corp. Boron-containing fuel composition. 3,203,773, 8–31–65, Cl. 44—51.

Landfors, Arthur A., to National Research Corp. High vacuum device. 3,165,255, 1–12–65, Cl. 230—101.

Landfried, Bert W., to Top-Scor Products, Inc. Fatty acid lactylate-monoglyceride emulsifier composition for bakery products. 3,180,736, 4–27–65, Cl. 99—91.

Landgraf, Richard C., to General Dynamics Corp. Multiaperture ferrite core. 3,213,436, 10–19–65, Cl. 340—174.

Landgraf, Richard C., and T. Proctor, to General Dynamics Corp. High efficiency audio amplifier utilizing pulse width modulation. 3,213,384, 10–19–65, Cl. 330—10.

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Landgraf, William C., to Ampex Corp. Process of preparing magnetic particles. 3,186,829, 6–1–65, Cl. 75—.5.

Landgraf, William C., to Ampex Corp. Preparation of oxalate magnetic particles. 3,190,748, 6–22–65, Cl. 75—108.

Landgren, Clarence R., to Esso Research and Engineering Co. Preferred method for supplying reactants to a resonating shock tube machine. 3,192,280, 6–29–65, Cl. 260—679.

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Martin, Kenneth P., and Darling. 3,215,474.
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Price, Ralph E., and Tolbert. 3,183,631.

Landler, Yvan, and P. Lebel, to Pneumatiques Caoutchouc Manufacture et Plastiques Kleber Colombes, also known as Kleber Colombes. Cross-linked, rigid, cellular materials and process for their obtention. 3,200,089, 8–10–65, Cl. 260—2.5.

Landless, Richard R.: *See*—
Knight, Frank, and Landless. 3,181,652.

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Landmark, Per A., to Papirindustriens Forskningsinstitutt. Preparation of sulfate pulping liquor with polysulfide. 3,216,887, 11–9–65, Cl. 162—38.

Landon, Robert K. Tumbling barrel and drive therefor. 3,195,279, 7–20–65, Cl. 51—164.

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Landry, Henry J. Drop side construction. 3,193,849, 7–13–65, Cl. 5—100.

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Harris, John F., and Lane. 3,166,594.

Lane, Donald H., J. W. Cunningham, J. McDonald, and W. A. Tiller, to Westinghouse Electric Corp. Method and apparatus for producing uniform grain refinement in metal ingots. 3,193,889, 7–13–65, Cl. 22—61.

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Lane, Guy E. Front end loader automatic implement attachment apparatus. 3,204,793, 9–7–65, Cl. 214—140.

Lane, Harold N. Tool holder. 3,212,688, 10–19–65, Cl. 224—5.

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Lane, Peter J., and R. E. W. Wheeler, to Associated Electrical Industries Ltd. Self-regulating two-terminal impedance networks in telephone substation circuit. 3,177,295, 4–6–65, Cl. 179—81.

Lane, Ralph G., and G. F. Lamb, to Frank B. Miller Mfg. Co., Inc. Multiple window construction. 3,203,053, 8–31–65, Cl. 20—56.5.

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Lane, Weldon V., and E. E. Malecki. Multilayer printed circuit board fabrication technique. 3,184,830, 5–25–65, Cl. 29—155.5.

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Laney, Edmund A., to P. C. Parfitt, D. L. Batten, and J. Dixon. Ball pitching machine with recoil cushioning brake means. 3,213,843, 10–26–65, Cl. 124—7.

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Lang, Harold M., to Pan American Petroleum Corp. Method and apparatus for repairing casing. 3,167,122, 1–26–65, Cl. 166—14.

Lang, Harold M., to Sigmund Cohn Corp. Fuse member made of intimate mixture of powdered metals and method for making the same. 3,167,628, 1–26–65, Cl. 200—135.

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Lang, Harold M., and D. Silverman, to Pan American Petroleum Corp. Apparatus for placing a liner in a vessel. 3,175,618, 3–30–65, Cl. 166—63.
Lang, Harold M., E. R. Jennings, G. C. Howard, and L. B. Wilder, to Pan American Petroleum Corp. Method of installing a liner in a couple-jointed conduit. 3,202,562, 8–24–65, Cl. 156—294.
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Lang, Johann H., to Dominion Engineering Works Ltd. Contrarotating hydroelectric machines including synchronous and asynchronous generators. 3,187,190, 6–1–65, Cl. 290—40.
Lang, John L. Method of producing plastic articles. 3,222,444, 12–7–65, Cl. 264—317.
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Lang, Konrad, F. Schubert, A. Burger, and W. Schabacher, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of boro-hydrocarbon compounds. 3,180,894, 4–27–65, Cl. 260—606.5.
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Lang, Richard E. Reversible die block. 3,222,973, 12–14–65, Cl. 83—640.
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Langan, Jeremiah E., to Leesona Corp. Pilot seat ejection control system. 3,193,748, 7–6–65, Cl. 320—1.
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Lange, Karl H., to R. Gruter, W. Mexner, and A. Nolte, trading as Balda-Kamerawerk Rudolf Gruter Kommanditgesellschaft. Removable prism viewfinder unit for reflex camera with reflecting means for viewing exposure meter. 3,218,946, 11–23–65, Cl. 95—10.
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Langley, Robert C., to Engelhard Industries, Inc. Solar energy collector. 3,176,679, 4–6–65, Cl. 126—270.
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Langway, Paul W., and O. B. Billings, to Joseph Bancroft & Sons Co. Yarn packaging and treatment. 3,172,185, 3–9–65, Cl. 28—1.
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Lanman, Robert K., to Armorlite Lens Co., Inc. Method and apparatus for casting thermosetting plastic lenses. 3,211,-811, 10–12–65, Cl. 264—1.
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Lanmon, C. P., II, to Schlumberger Well Surveying Corp. Methods and apparatus for completing earth formations. 3,212,576, 10–19–65, Cl. 166—23.
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Lannan, James E., Jr. Liquid interface sensor. 3,181,557, 5–4–65, Cl. 137—391.
Lannan, Patrick E., to International Resistance Co. Horizon sensor for satelilte attitude control. 3,191,038, 6–22–65, Cl. 250—203.
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Lannen, Joseph P., to Micropoise Engineering & Sales Co. Universal balance testing machine. 3,181,371, 5–4–65, Cl. 73—483.
Lannen, Robert J., to Micro-Poise Engineering and Sales Co. Connecting rod and pivot pin connection. 3,203,716, 8–31–65, Cl. 287—93.
Lannen, Robert J., to Micro-Poise Engineering and Sales Co. Method of lining bearing in connecting rod and pivot pin connection. 3,221,402, 12–7–65, Cl. 29—439.
Lannert, James W., and G. Boswinkle, to Whirlpool Corp. Packaged product oven for space vehicles. 3,171,346, 3–2–65, Cl. 99—331.
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Lanning, William C., to Phillips Petroleum Co. Processes for exothermic thermal hydrodealkylation. 3,198,847, 8–3–65, Cl. 260—672.

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Lareau, Norman N., and R. J. Olson, to Eastman Kodak Co. Two-speed camera for flash photography. 3,181,443, 5–4–65, Cl. 95—11.5.
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Larey, Bert W., to United States of America, Navy. Transistorized multivibrator with built-in time delay. 3,185,865, 5–25–65, Cl. 307—88.5.
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Larkin, Robert B., to Mills Products, Inc. Oven door window unit. 3,200,812, 8–17–65, Cl. 126—200.
Larkin, Robert B., to Mills Products, Inc. Oven door window unit. 3,219,026, 11–23–65, Cl. 126—200.
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La Rosa, Richard, to Hazeltine Research, Inc. Low noise termination for parametric amplifier. 3,181,078, 4–27–65, Cl. 330—4.6.
La Rosa, Richard, to Hazeltine Research, Inc. Traveling-wave parametric amplifier with idler frequency much higher than signal frequency and propagating on same line therewith. 3,215,941, 11–2–65, Cl. 330—4.6.
La Rosa, Richard, to Hazeltine Research, Inc. Compact pump signal supply circuit for traveling-wave parametric amplifiers. 3,215,942, 11–2–65, Cl. 330—4.6.
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Larsen, Burnham L. and B. J., to Curbmaster of America, Inc. Slab finishing and curb building machine. 3,202,068, 8–24–65, Cl. 94—46.
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Larsen, Eric R., to The Dow Chemical Co. Preparation of esters. 3,174,996, 3–23–65, Cl. 260—487.
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Larson, Ernst R., to Radio Corp. of America. Cathode assembly for electron tube. 3,214,628, 10–26–65, Cl. 313—337.
Larsen, Henry A. Valance-supporting bracket. 3,181,829, 5–4–65, Cl. 248—264.
Larsen, John H. Plumber's snake device. 3,206,782, 9–21–65, Cl. 15—104.3.
Larsen, Lee E., to Weyerhaeuser Co. Hypochlorite sulfamic acid process of bleaching cellulosic materials. 3,177,111, 4–6–65, Cl. 162—73.
Larsen, Leonard O., and R. E. Reed, to Western Electric Co., Inc. Apparatus for indicating deviations in the relative angularity of spaced projections on a common shaft. 3,216,123, 11–9–65, Cl. 33—181.
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Larson, Charles O. 3,220,365.
Larson, Charles O. 3,220,679.
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Larson, Charles O., to Chas. O. Larson, Co. Table leg assembly. 3,220,365, 11–30–65, Cl. 108—156.
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Larson, Clayton E., to White Metal Rolling & Stamping Corp. Ladder and rung connection. 3,181,651, 5–4–65, Cl. 181—228.
Larson, Clayton E., to White Metal Rolling & Stamping Corp. Dockboards. 3,182,343, 5–11–65, Cl. 14—72.
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Larson, George W., to Eastman Kodak Co. Method of inhibiting discoloration of color photographic layers containing dye images and resulting photographic products. 3,201,243, 8–17–65, Cl. 96—56.
Larson, George W., to Eastman Kodak Co. Method of inhibiting discoloration of color photographic layers containing dye images and resulting photographic products. 3,201,244, 8–17–65, Cl. 96—56.
Larson, Herbert J. Cattle, standing heat detecting device. 3,205,857, 9–14–65, Cl. 119—1.
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Larson, John D. Automatic control of digester for converting inorganic material into assimilable plant food. 3,178,267, 4–13–65, Cl. 23—259.1.
Larson, John D. Synthetic topsoil composition containing chelate-producing material. 3,198,620, 8–3–65, Cl. 71—1.
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Larson, Marlo J., to Honeywell Inc. Automatically controlled nuclear magnetic resonance frequency sweep oscillating detector device. 3,174,099, 3–16–65, Cl. 324—.5.
Larson, Marlow W. Bow sight. 3,212,190, 10–19–65, Cl. 33—46.
Larson, Melvin E., to Rose Patch & Label Co. Control device for label cutting and folding machine. 3,182,147, 5–4–65, Cl. 200—61.13.
Larson, Melvin H., to United States of America, Navy. Infrared detecting system. 3,194,964, 7–13–65, Cl. 250—83.3.
Larson, Merlyn O., and S. J. Franco. Comb with retractable styling tool. 3,166,081, 1–19–65, Cl. 132—122.
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Larson, Robert L., to General Motors Corp. Dynamoelectric machine. 3,198,972, 8–3–65, Cl. 310—68.
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Leathers, Ward. Test scoring and recording apparatus. 3,176,415, 4–6–65, Cl. 35—48.
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Leavitt, Frederick C., to The Dow Chemical Co. Carboxy ethylene keto polymers. 3,222,323, 12–7–65, Cl. 260—78.4.
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Leavitt, Peter R., and B. Vonnegut, to Arthur D. Little, Inc. Corona current sensing device. 3,215,997, 11–2–65, Cl. 340—253.
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Le Bus, Franklin L., Sr., to Le Bus Royalty Co. Combined fleet angle compensator and braking apparatus. 3,182,961, 5–11–65, Cl. 254—175.
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Lecher, Hans Z., and H. Braus, to National Distillers and Chemical Corp. Polypropylene stabilized with dithiotriglycol dilaurate. 3,222,318, 12–7–65, Cl. 260—45.85.
Lechevallier, Maurice, to Commissariat a l'Energie Atomique. Device for providing rapid communication between two reservoirs at different pressures. 3,216,611, 11–9–65, Cl. 220—89.
Lechner, Bernard J., to Radio Corp. of America. Ferroelectric storage circuits. 3,197,744, 7–27–65, Cl. 340—173.2.
Lechner, Hans. Novel roadway. 3,194,128, 7–13–65, Cl. 94—1.5.
Lechner, Rudolf, and E. Nussbaum, to Rudolf Lechner Kommanditgesellschaft. Method of producing seamless metal bottles and an apparatus for carrying the method. 3,196,819, 7–27–65, Cl. 113—120.
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Lechtenberg, Leo J., R. K. Catterson, and J. V. Reichenbach, to Briggs & Stratton Corp. Air cooled internal combustion engine. 3,194,224, 7–13–65, Cl. 123—119.
Leckie, Thomas L., to The Bradford Dryers' Association Ltd. Stencil printing apparatus. 3,207,068, 9–21–65, Cl. 101—123.
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Le Clear, Edgar R., to International Telephone and Telegraph Corp. System for determining the percentage "ON" time of a random signal with respect to a predetermined period. 3,179,882, 4–20–65, Cl. 324—68.
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Le Clear, Robert L., to T & S Equipment Co. Hydraulically actuated dock board with hinged lip. 3,201,814, 8–24–65, Cl. 14—71.
Le Clear, Robert L., to T & S Equipment Co. Manually operated dockboard construction. 3,203,019, 8–31–65, Cl. 14—71.
Lecler, Roger, to Societe Anonyme des Etablissements Levivier. Sealing means for a liquid-storing reservoir having a floating roof. 3,185,335, 5–25–65, Cl. 220—26.
Leclerc, Raymond W. Toy golf game. 3,179,413, 4–20–65, Cl. 273—87.4.
Le Clercq, George M., to E. I. du Pont de Nemours and Co. Synthetic nitrogenous textile coated with colloidal hydrous alumina. 3,219,479, 11–23–65, Cl. 117—138.8.
Leclercq, Pierre. Heat-exchanger having a multiplicity of coaxial cylinders. 3,209,819, 10–5–65, Cl. 165—155.
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Le Fave, Gene M., and R. J. Wyman, to Coast Proseal & Mfg. Co. One part castable thiol-terminated polymer and method of cure. 3,215,677, 11–2–65, Cl. 260—79.

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Lefebvre, Palma A. Toilet flushing apparatus. 3,193,846, 7–13–65, Cl. 4—100.

Lefebvre, Yvon: *See*—
Deghenghi, Romano, and Lefebvre. 3,183,228.

Lefebvre, Yvon, to American Home Products Corp. 21-fluoro-17α-methyl-steroids of the pregnane series and their preparation. 3,174,968, 3–23–65, Cl. 260—239.55.

Lefer, Samuel. Pressurized dispensers. 3,198,394, 8–3–65, Cl. 222—135.

Lefever, Richard M., to Baker Perkins, Inc. Oven loader. 3,196,811, 7–27–65, Cl. 107—57.

Lefever, Robert A., to General Telephone and Electronics Laboratories, Inc. Methods and apparatus for producing crystalline materials. 3,224,840, 12–21–65, Cl. 23—273.

Le Fever, Stanton B.: *See*—
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Lefevre, Albert, to Charbonnages de France. Transmission system with antenna means for coupling to an insulated conductor. 3,183,443, 5–11–65, Cl. 325—178.

Lefevre, George R., to Universal American Corp. Method of making a flanged bearing. 3,199,173, 8–10–65, Cl. 29—149.5.

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Lefevre, Lloyd E., to The Dow Chemical Co. Filamentary microtapes. 3,194,716, 7–13–65, Cl. 161—104.

Lefevre, Lorin. Hydraulic engine. Re. 25,726, 2–9–65, Cl. 91—12.

Lefevre, Michel, to Compagnie de Saint-Gobain. Apparatus for tracing and breaking glass sheets. 3,216,635, 11–9–65, Cl. 225—96.5.

Lefevre, Norman A., H. G. Hahn, and E. R. Leigeb. Means to monitor operation of a coating and drying apparatus. 3,220,378, 11–30–65, Cl. 118—9.

Leff, Robert C., to The Tait Mfg. Co. Pumps. 3,216,361, 11–9–65, Cl. 103—111.

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Leffelman, Richard G., and J. Torrisi, to McDonnell Aircraft Corp. Antenna with side lobe absorber mounted adjacent thereto. 3,196,442, 7–20–65, Cl. 343—765.

Lefferts, Peter. Optical ray concentrator. 3,203,306, 8–31–65, Cl. 88—1.

Leffler, Charles L., Jr., and T. R. Curran, to Mine Safety Appliances Co. Respirator valve mechanism. 3,191,598, 6–29–65, Cl. 128—142.

Lefkowitz, Herman. Changeable ornamental setting. 3,180,-112, 4–27–65, Cl. 63—29.

Leflet, Herbert A., Jr.: *See*—
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Leflon, Henry E. Fasteners for conveyor belts and the like. 3,176,358, 4–6–65, Cl. 24—33.

Le Foll, Jean, to Commissariat a l'Energie Atomique. Thermal exchange of the fuel elements in nuclear reactor. 3,179,570, 4–20–65. Cl. 176—59.

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Lefrancois, Philip A., J. F. McMahon, and E. Solomon, to Pullman Inc. Hydrogenation catalyst and process. 3,169,-106, 2–9–65, Cl. 208—111.

Lefton, Irvin M., and R. L. Garten, to Pritchard Products Corp. Apparatus for the treatment of sewage. 3,173,866, 3–16–65, Cl. 210—205.

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Legault, Jean. Garbage chute door. 3,204,740, 9–7–65, Cl. 193—34.
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Leger, John E., to Accelerated Industries, Inc. Dielectric heat sealing apparatus. 3,188,259, 6–8–65, Cl. 156—380.
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Legg, Eugene D., and H. W. Kupetzky, to United States of America, Navy. Missile device and attachments therefor. 3,204,525, 9–7–65, Cl. 89—1.7.
Legg, Eugene D., and H. W. Kupetzky, to United States of America, Navy. Missile booster device and attachments therefor. 3,204,526, 9–7–65, Cl. 89—1.7.
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Kilbourn, Eugene L. 3,210,966.
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Kilbourn, Eugene L. 3,221,766.
Leggoe, James H., N. L. Hoffman, F. Kahn, and J. E. Brewer; said Brewer assor. to said Leggoe, said Hoffman, and said Kahn. Gas chromatography. 3,206,968, 9–21–65, Cl. 73—23.1.
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Legler, Ernst, to Fernseh G.m.b.H. Synchronizing remote and local television signals by shifting one signal until coincidence is obtained. 3,182,128, 5–4–65, Cl. 178—69.5.
Legler, Ernst, and H. Förster, to Fernseh G.m.b.H. Synchronizing system pickups with television intercommunication provided by phase modulation of reference pulses. 3,184,545, 5–18–65, Cl. 178—69.5.
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Lehberger, Arthur N. Pool table attachment. 3,215,431, 11–2–65, Cl. 273—14.
Lehde, Henry C., and J. J. Dickerman. Potato harvester. 3,200,888, 8–17–65, Cl. 171—14.
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Lehman, Charles L. Cultivator. 3,209,840, 10–5–65, Cl. 172—584.
Lehman, Charles L., and F. I. Brooner. Game and stock feeder. 3,195,508, 7–20–65, Cl. 119—51.11.
Lehman, Eugene J., to McGraw-Edison Co. Dual-voltage transformer switch. 3,177,305, 4–6–65, Cl. 200—6.
Lehman, Gerald M., to Phillips-Van Heusen Corp. Safety belt buckle. 3,165,806, 1–19–65, Cl. 24—230.
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Karlby, Henning, Caywood, and Lehman. 3,164,017.
Lehman, Leon M., and S. Manne, to Sinclair Research, Inc. Catalytic conversion of heavy oils to gasoline. 3,168,460, 2–2–65, Cl. 208—67.
Lehman, Roscoe E., to Vulcana Corp. Combination lock. 3,192,746, 7–6–65, Cl. 70—315.
Lehmann, Anthony, Jr., and F. Peer, Jr., to General Precision, Inc. Method of making a coded drum. 3,163,923, 1–5–65, Cl. 29—155.55.
Lehmann, Clarence R., and V. M. Poynter, to General Electric Co. Specimen mounting. 3,187,444, 6–8–65, Cl. 35—10.
Lehmann, Guenther W. Ship with elastic structure parts, preferably tug. 3,171,378, 3–2–65, Cl. 114—65.
Lehmann, Guenther W., to United States of America, Navy. Structure for submarine jet propulsion. 3,182,623, 5–11–65, Cl. 114—16.
Lehmann, Guenther W. Submersible mining, lifting and towing barge. 3,220,372, 11–30–65, Cl. 114—16.
Lehmann, Harold A., to J. I. Case Co. Hydraulic apparatus and method. 3,222,866, 12–14–65, Cl. 60—52.
Lehmann, Herbert G., to Valve Corporation of America. Actuator cap construction for aerosol dispenser. 3,199,741, 8–10–65, Cl. 222—182.
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Lehmer, Wilhelm, W. Baldus, and W. Stich, to Gesellschaft fur Linde's Eismaschinen Aktiengesellschaft. Process and means for removing radioactive components from gases and gaseous mixtures. 3,203,866, 8–31–65, Cl. 176—37.
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Lehnig, Paul C., Jr., to Tinius Olsen Testing Machine Co. Testing machines. 3,203,232, 8–31–65, Cl. 73—93.
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Lehr, James R., J. M. Potts, and L. D. Hand, Jr., to Tennessee Valley Authority. Calcium polyphosphate from concentrated superphosphate. 3,108,821, 9–28–65, Cl. 23—109.
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Leibee, Joseph, and L. J. Ahles, to E. I. du Pont de Nemours and Co. Pneumatic tire. 3,190,339, 6–22–65, Cl. 152—374.
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Leibenzeder, Siegfried, to Siemens-Schuckertwerke Aktiengesellschaft. Apparatus for producing hyperpure gallium. 3,170,861, 2–23–65, Cl. 204—239.
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Lansky, Zdenek J., and Leibfritz. 3,171,439.
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Leibiger, Kurt, to Asbest-und Gummiwerke Martin Merkel K.G. Method and apparatus for making rolled-up annular bodies. 3,200,024, 8–10–65, Cl. 156—184.
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Leibow, Martin. Machine for edge trimming. 3,209,800, 10–5–65, Cl. 144—134.
Leibowitz, Donald, to General Precision Inc. D.C. clamp-on meter including a Hall plate flux detector. 3,199,026, 8–3–65, Cl. 324—127.
Leibowitz, Donald, A. E. Meixner, and S. Gruber, to General Precision Inc. Solid state sine-cosine source. 3,184,620, 5–18–65, Cl. 310—2.
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Leibowitz, Sydney S. Book covers. 3,165,337, 1–12–65, Cl. 281—34.
Leibu, Henry J., and E. Tufts, to E. I. du Pont de Nemours and Co. Preparation of polyurethane foams having an open cell, skeletal structure. 3,210,300, 10–5–65, Cl. 260—2.5.
Leiby, Dayton O., and F. D. Barkalow, to DCA Food Industries, Inc. Cooking apparatus. 3,218,960, 11–23–65, Cl. 99—354.
Leichsenring, Max. Control means for the selective energization of an electrically energizable device from an electrical potential source. 3,164,803, 1–5–65, Cl. 340—72.
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Leigh, Robert L., to Leigh Products, Inc. Mountable wall toaster unit. 3,205,032, 9–7–65, Cl. 312—223.
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Leighton, Geoffrey J., to Electronic Automation Systems, Inc. Standardization of radiation-absorption type density gages. 3,180,985, 4–27–65, Cl. 250—43.5.
Leighton, Thomas C., to Itek Corp. Panoramic camera and method. 3,221,625, 12–7–65, Cl. 95—12.5.
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Leimegger, Carlo, to Polysius G.m.b.H. Metering device for pressure feed containers, especially for metallurgical purposes. 3,206,078, 9–14–65, Cl. 222—193.
Leimer, Albert, and S. Brunner; said Brunner assor. to said Leimer. Feeler device for moving runs of sheet material. 3,166,651, 1–19–65, Cl. 200—61.13.
Leimer, Albert, and L. Zerle; said Zerle assor. to A. Leimer. Cloth feed apparatus for tenter frames and the like. 3,216,081, 11–9–65, Cl. 26—57.
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Leineweber, William F., Jr., J. C. Whitehurst, and H. J. Klaeui, to Compton & Knowles Corp. Bale opening and blending apparatus. 3,208,106, 9–28–65, Cl. 19—80.
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Leischner, Georg, to M. C. Kissling. Frequency converter. 3,197,660, 7–27–65, Cl. 310—160.
Leiser, Henry. Windows. 3,220,465, 11–30–65, Cl. 160—92.
Leiser, Milton. Cylinder lock. 3,194,034, 7–13–65, Cl. 70—358.
Leishman, Le Roy J. Interlocking means for X-ray spot film device cassette carriages. 3,182,196, 5–4–65, Cl. 250—66.
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Leisibach, Xavier F., also known as L. X. Leisibach. Window structure. 3,217,454, 11–16–65, Cl. 52—398.
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Leistiko, Otto, Jr., and C. Sah, to Fairchild Camera and Instrument Corp. Method of making field-effect transistors. 3,183,128, 5–11–65, Cl. 148—186.
Leistner, Karl, to United States of America, Army. Rectifier for line-scan aerial images. 3,224,328, 12–21–65, Cl. 88—24.
Leistritz, Hans K. Gas silencer having gas flow ducts defined by tubular rings within a casing. 3,196,978, 7–27–65, Cl. 181—56.
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Leitzel, Ammon M., to Great Northwest Fibre Co. Clasp packing tray. 3,224,569, 12–21–65, Cl. 206—45.31.
Leive, Ernest W., to Stearns Electric Corp. Spring disengaged electromagnetic clutch or brake. 3,181,670, 5–4–65, Cl. 192—84.
Lejeune, Andre, to Ateliers de Constructions Electriques de Charleroi (ACEC). Elevator control system employing logical elements. 3,223,200, 12–14–65, Cl. 187—29.
Le Jeune, Frank H., to Kelsey-Hayes Co. Apparatus for low pressure permanent mold casing. 3,188,703, 6–15–65, Cl. 22—77.
Lejeune, Pierre, and L. de Maillard, to Ateliers Neyret-Beylier & Piccard-Pictet (NEYRPIC) and Societe Grenobloise d'Etudes et d'Applications Hydrauliques (SOGREAH). Stock feeding apparatus for web making machines. 3,165,439, 1–12–65, Cl. 162—337.
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Lejon, Jean C., to Societé dite Controle Bailey. Servo-mechanism. 3,194,010, 7–13–65, Cl. 60—25.
Lekas, John P., to Litton Systems, Inc. Moving head memory device. 3,191,164, 6–22–65, Cl. 340—174.1.
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Lelak, John W., to Harbison-Walker Refractories Co. Suspended hot patch brick. 3,174,444, 3–23–65, Cl. 110—99.
Le Lan, Armand M., to H. Ernault-Batignolles. Copying machine tools. 3,166,962, 1–26–65, Cl. 82—14.
Le Lan, Armand M., to H. Ernault-Batignolles. Tracer machine tool. 3,188,896, 6–15–65, Cl. 82—14.
Leland, Ragnvald G. Toilet bowl deodorizer. 3,178,070, 4–13–65, Cl. 222—180.
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Le Maistre, John W., and E. C. Ford, Jr., to Atlas Chemical Industries, Inc. Epoxidized diesters of polyoxyethylene isosorbide. 3,225,067, 12–21–65, Cl. 260—347.4.
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Lemanski, Bernard. Bean pullers. 3,190,361, 6–22–65, Cl. 171—83.
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Lemardeley, Jean. Distributing device for manifold sheets. 3,173,679, 3–16–65, Cl. 270—52.
Le Massena, Robert A., to Honeywell Inc. Controlling apparatus for protecting low current sensitive measuring instruments. 3,187,224, 6–1–65, Cl. 317—16.
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Lemelson, Jerome H. Method of making a multi-layer electrical circuit. 3,169,892, 2–16–65, Cl. 148—6.3.
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Lemelson, Jerome H. Method of making ducted panelling. 3,173,195, 3–16–65, Cl. 29—157.3.
Lemelson, Jerome H. Radio telephone communication system. 3,198,888, 8–3–65, Cl. 179—41.
Lemelson, Jerome H. Article manipulation device. 3,202,449, 8–24–65, Cl. 294—88.
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Lemelson, Jerome H. Dispensing closure. 3,207,377, 9–21–65, Cl. 222—130.
Lemelson, Jerome H. Apparatus and method for coating pipe. 3,218,184, 11–16–65, Cl. 117—18.
Lemelson, Jerome H. Partially metal coated transparent textile element. 3,220,871, 11–30–65, Cl. 117—37.
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Lemeshnik, William, to Jo-Nan Enterprises Inc. Slipper. 3,221,422, 12–7–65, Cl. 36—9.
Lemesle, Georges, R. Martin, M. Monteil, R. Roche, and P. Rouge, to Commissariat a l'Energie Atomique. Nuclear reactor loading machine. 3,179,266, 4–20–65, Cl. 214—18.
Lemesle, Georges, R. Martin, M. Monteil, R. Roche, and P. Rouge, to Commissariat A L'Energie Atomique. Fuel loading and unloading arrangement for nuclear reactors. 3,196,082, 7–20–65, Cl. 176—30.
Lemesle, Georges, R. Martin, P. Rouge, and J. Vivien, to Commissariat a l'Energie Atomique. Handling apparatus for gas-cooled nuclear reactor installation. 3,205,143, 9–7–65, Cl. 176—30.
Lemesle, Georges, R. Roche, and P. Rouge, to Commissariat a l'Energie Atomique. Belt restraint system for moderator-reflector structure of a nuclear reactor. 3,206,374, 9–14–65, Cl. 176—85.
Lemettre, Raymond J., to Compagnie de Pont-A-Mousson. Machine for the continuous production of sheets of thermoplastic material. 3,212,137, 10–19–65, Cl. 18—15.
Lemin, Alan J., to The Upjohn Co. Method for controlling growth of undesired vegetation. 3,169,849, 2–16–65, Cl. 71—2.6.
Lemin, Alan J., A. Steinhards, and G. A. Boyack, to The Upjohn Co. Composition and method for promoting growth and protecting plants from damage by parasitic pathogens. 3,184,300, 5–18–65, Cl. 71—2.6.
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Lemke, Winfred R., to Square D Co. Articulated reciprocating contact structure. 3,200,225, 8–10–65, Cl. 200—166.
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Lemmerman, Carl W. Jet engine noise attenuator. 3,185,252, 5–25–65, Cl. 181—51.
Lemmerman, Harold H. P., to General Electric Co. Viscous damped sensing device. 3,203,259, 8–31–65, Cl. 74—5.5.
Lemmond, Bruce. Readily mountable soap dish. 3,194,526, 7–13–65, Cl. 248—226.
Lemmond, Charles Q., to General Electric Co. Information storage system. 3,171,106, 2–23–65, Cl. 340—174.1.
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Slyngstad, Charles E., and Lempert. 3,206,395.
Lempert, Frank L., and R. J. Reid, to Pullman Inc. Non-catalytic dealkylation of alkyl substituted benzene-ring compounds. 3,188,359, 6–8–65, Cl. 260—672.
Lempert, Joseph, to Westinghouse Electric Corp. Image tube utilizing transmissive dynode-type target. 3,189,781, 6–15–65, Cl. 315—11.
Lempert, Joseph, to Westinghouse Electric Corp. High gain storage tube with BIC target. 3,213,315, 10–19–65, Cl. 315—10.
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Lenahan, Thomas P., B. J. Bradley, and A. H. Limbaugh, to Halliburton Co. Grouting tool. 3,166,132, 1–19–65, Cl. 175—235.
Lenart, Tibor, to Electrolux, Aktiebolaget. Dielectric cooking apparatus. 3,210,513, 10–5–65, Cl. 219—10.55.
Lenart, Tibor, to Electrolux Aktiebolaget. Dielectric heating apparatus. 3,218,429, 11–16–65, Cl. 219—10.55.
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Heller, Milton D., Lenhard, and Bernstein. 3,182,075.
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Lenihan, William S., Jr., and M. A. Roche, Jr., to Union Carbide Corp. Aluminum vaporizer. 3,216,710, 11–9–65, Cl. 263—48.
Lenk, Frederick R., Jr., to Johnson & Johnson. Method of and apparatus for feeding fibrous material to a textile processing machine. 3,218,676, 11–23–65, Cl. 19—105.
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Lenngren, Carl E. A., B. O. A. Jonsson, H. E. Nilsson, L. Zettergren, and P. E. Schmeling, to Rederiaktiebolaget Nordstjernan. Neutronic reactor. 3,172,820, 3–9–65, Cl. 176—58.
Lennon, David C., to General Electric Co. Refrigerator control device. 3,169,179, 2–9–65, Cl. 200—61.69.
Lennon, David C., to General Electric Co. Electrical contact assembly. 3,193,652, 7–6–65, Cl. 200—166.
Lennon, George V., and L. J. Kohnen, Jr., to Raytheon Co. Transceiver modulator-demodulator employing common elements. 3,219,931, 11–23–65, Cl. 325—18.
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Norris, John W., and Sieverding. 3,185,393.
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Lense, Eugen, to Daimler-Benz Aktiengesellschaft. Venting device for fuel tanks. 3,187,935, 6–8–65, Cl. 220—86.
Lense, Frederick T., to Esso Research and Engineering Co. Emulsion for the conditioning of raw cotton fibers. 3,177,143, 4–6–65, Cl. 252—8.9.
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Lentz, Ervin C., and W. G. McKenzie, to Walker Mfg. Co. Exhaust system. 3,172,399, 3–9–65, Cl. 123—119.
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Lentz, Norman E., to Bell Telephone Laboratories, Inc. Unipolar to bipolar pulse converter. 3,172,952, 3–9–65, Cl. 178—70.
Lentze, Felix. Licentia Patent-Verwaltungs-G.m.b.H. Photoelectric control device for a flaw detector for moving webs. 3,198,951, 8–3–65, Cl. 250—219.
Lenz, Bernhard, to Jagenberg-Werke AG. Safety means for paper winding machine. 3,185,402, 5–25–65, Cl. 242—66.
Lenz, Carl, deceased (by E. J. Aberle, executor), and O. J. Orebic, to Westinghouse Electric Corp. Machine for stem assembly. 3,210,822, 10–12–65, Cl. 29—25.19.
Lenz, Dieter, to Swiss Aluminium Ltd. Formation of hollow articles by extrusion. 3,213,662, 10–26–65, Cl. 72—269.
Lenz, John O., to Honeywell Inc. Method of fabricating a composite electrical terminal assembly. 3,180,009, 4–27–65, Cl. 29—155.55.
Lenz, Olaf G., to Texas Instruments Inc. Multi-lead header handling device. 3,171,548, 3–2–65, Cl. 214—1.
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Leonard, Frederick, to Geigy Chemical Corp. 5-carboxylic acid-2-phenyl-pyrrolines, corresponding pyrrolidines and functional derivatives thereof. 3,164,597, 1–5–65, Cl. 260—268.
Leonard, Frederick, and N. Gruenfeld, to Geigy Chemical Corp. 2-phenyl-5,5-di-esters and di-amides of 2-pyrroline and the corresponding pyrrolidines. 3,185,705, 5–25–65, Cl. 260—326.3.
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Leonard, George H. Electro-mechanical on-the-fly reading means. 3,212,065, 10–12–65, Cl. 340—173.
Leonard, George H., to AMP Inc. Crimping press. 3,214,957, 11–2–65, Cl. 72—412.
Leonard, Gerald L., and J. W. Shalla. Controller. 3,208,299, 9–28–65, Cl. 74—491.
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Leonard, Henri, to Micro-Mega. Two-speed articulated anchoring joint for dental drill. 3,200,663, 8–17–65, Cl. 74—353.
Leonard, Jack L.: *See*—
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Leonard, James D., and J. W. Hull, to North American Aviation, Inc. Circularly polarizing horn antenna having dielectric insert which provides reduced axial ratio over broad band. 3,205,500, 9–7–65, Cl. 343—756.
Leonard, James H., to I-T-E Circuit Breaker Co. Single turn trip coil having novel core and armature configurations. 3,201,539, 8–17–65, Cl. 200—87.
Leonard, James H., to I-T-E Circuit Breaker Co. Overload sensing device employing independently operated thermal and magnetic trip means. 3,201,543, 8–17–65, Cl. 200—88.
Leonard, James H., to I-T-E Circuit Breaker Co. Circuit breaker with vent opening. 3,201,550, 8–17–65, Cl. 200—144.
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Leonard, John H., to The Cyril Bath Co. Combined wipe and stretch forming machine with cross slide on the stretch forming assemblage. 3,172,451, 3–9–65, Cl. 153—40.
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Leonard, Merrill G., to Westinghouse Electric Corp. Circuit breaker and transformer protected thereby. 3,213,248, 10–19–65, Cl. 200—116.
Leonard, Merrill G., and J. Astleford, Jr., to Westinghouse Electric Corp. Induction voltage regulator. 3,189,856, 6–15–65, Cl. 336—120.
Leonard, Richard L., J. D. Veitch, and T. M. Veazey, to Monsanto Co. Process for the production of flame retarded acrylic fibers. 3,193,602, 7–6–65, Cl. 264—182.
Leonard, Robert F., to Litho Chemical & Supply Co., Inc. Surface treated lithographic plates and production thereof. 3,201,247, 8–17–65, Cl. 96—75.
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Leopold, Otto. Toggle press. 3,222,913, 12–14–65, Cl. 72—429.
Leopoldi, Norbert. Egg opening device. 3,164,180, 1–5–65, Cl. 146—2.
Leopoldi, Norbert. Neurologist's hammer. 3,185,146, 5–25–65, Cl. 128—2.
Leopols, Frans M., to North American Philips Co., Inc. Method of manufacturing semi-conductive devices. 3,181,-980, 5–4–65, Cl. 148—177.
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Le Parquier, Guy, to Compagnie Generale de Telegraphie Sans Fil. Direction responsive radar system with improved target detection circuit. 3,185,983, 5–25–65, Cl. 343—17.1.
Le Parquier, Guy, to C.S.F.-Compagnie Generale de Telegraphie Sans Fil. Coherent systems for two-pulse M.T.I. devices. 3,202,984, 8–24–65, Cl. 343—5.
Le Parquier, Guy, H. Poinsard, and R. Ducrotoy, to C.S.F.-Compagnie Generale de Telegraphic Sans Fil. Moving target indicating system. 3,195,128, 7–13–65, Cl. 343—7.7.
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Lepelletier, Pierre A., to Societe Anonyme Francaise du Ferodo. Hydraulic drum brake. 3,203,512, 8–31–65, Cl. 188—152.
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Lerman, Peter, to Compur-Werk Gesellschaft mit beschrankter Haftung & Co. Photographic shutter. 3,225,674, 12–28–65, Cl. 95—63.
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Lerner, Bernard J., and M. Leva. Gas-liquid contacting operations. 3,170,969, 2–23–65, Cl. 261—94.
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Le Sage, Clarence V., to Berry California Corp. Pneumatic fastener driving machine. 3,200,716, 8–17–65, Cl. 91—461.
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Lesavoy, Ely. Collar including garments. 3,224,011, 12–21–65, Cl. 2—116.
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Lessmann, Gerald G., and R. L. Phebus, to Westinghouse Electric Corp. Article produced by metals joining and method for producing such article. 3,183,066, 5–11–65, Cl. 29—193.
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Leston, Gerd, and L. H. Schwartzman, deceased (by D. F. Schwartzman, executrix), to Koppers Co., Inc. Process for producing di-tertiary-butyl nitro phenols. 3,170,960, 2–23–65, Cl. 260—622.
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Le Suer, William M., to The Lubrizol Corp. Phosphorus- and nitrogen-containing compositions and process for preparing the same. 3,197,405, 7–27–65, Cl. 252—32.7.
Le Suer, William M., to The Lubrizol Corp. Polyphosphorus ester derivatives of O,O-dehydrocarbyl-s-hydroxylalkyl phosphorodithioates. 3,197,496, 7–27–65, Cl. 260—461.
Le Suer, William M., to The Lubrizol Corp. Process for preparing acylated amines-CS_2 compositions and products. 3,200,107, 8–10–65, Cl. 260—132.
Le Suer, William M., to The Lubrizol Corp. Process of preparing lubricant additives. 3,216,936, 11–9–65, Cl. 252—32.7.
Le Suer, William M., and G. R. Norman, to The Lubrizol Corp. High molecular weight alkenyl-N-omega amino hexylsuccinimide. 3,194,813, 7–13–65, Cl. 260—326.5.
Le Suer, William M., and G. R. Norman, to The Lubrizol Corp. High molecular weight composition alkenyl-N-allyl succinimide. 3,194,814, 7–13–65, Cl. 260—326.5.
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Le Tarte, Frank, to Le Tarte Enterprises. Window and door frame construction. 3,202,245, 8–24–65, Cl. 189—36.
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LeTourneau, Robert G. Earth working scraper having power means disposed between front and rear load carrying bowls. 3,183,609, 5–18–65, Cl. 37—127.
LeTourneau, Robert G. Mobile sea platform. 3,183,676. 5–18–65, Cl. 61—46.5.
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LeTourneau, Robert G. Latch devices for electromagnetic brake mechanism. 3,194,356, 7–13–65, Cl. 188—171.
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Leuba, Richard J., to Laboratory For Electronics, Inc. Radioactivity measurement of airborne particulate matter. 3,189,742, 6–15–65, Cl. 250—71.5.
Leucci, Gino. Automatic regulating device for bladder irrigation devices. 3,185,153, 5–25–65, Cl. 128—227.
Leuenberger, Gottfried, to Ad. Schulthess, Maschinenfabrik & Co. AG. Punched-card controller for washing machines and the like. 3,164,692, 1–5–65, Cl. 200—46.
Leuenberger, Gottfried, to Maschinenfabrik Ad. Schulthess & Co. A.G. Programme controller for washing machines and the like. 3,224,288, 12–21–65, Cl. 74—405.

Leuenberger, Gottfried, to Maschinenfabrik Ad. Schulthess & Co., AG. Program controller using a punched card disc and an electromagnetic clutch. 3,225,152, 12–21–65, Cl. 200—46.
Leufvenius, Karl J., to Development Diversified, Inc. Fishing kite. 3,181,266, 5–4–65, Cl. 43—43.13.
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Leunig, Gunther, to Gesellschaft fur Linde's Eismaschinen Aktiengesellschaft. Internal combustion engine. 3,179,091, 4–20–65, Cl. 123—32.
Leupold, Curt W., W. Kellner, and J. Hellmuth, to Vereinigte Papierwerke Schickedanz & Co. Method of deodorizing the human body and materials therefor. 3,172,817, 3–9–65, Cl. 167—90.
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Levanovich, Harry, to The Fellows Gear Shaper Co. Cutter spindle elevating mechanism. 3,225,658, 12–28–65, Cl. 90—7.
Levantin, Allen M., to Rohm & Haas Co. Thermosetting surface-coating compositions comprising a polyepoxide, an alkylated aminoplast, and a copolymer of an hydroxyalkyl ester of an α,β-unsaturated carboxylic acid. 3,198,850, 8–3–65, Cl. 260—834.
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Levecque, Marcel, and M. Charpentier, to Compagnie de Saint-Gobain. Method of and apparatus for producing fibers from thermoplastic material. 3,215,514, 11–2–65, Cl. 65—6.
Le Veen, Harry H. Aleuritic glucosamide and compositions containing the same. 3,178,344, 4–13–65, Cl. 167—58.
Le Veen, Harry H. Container for collecting and storing blood having anticoagulant means therein. 3,221,741, 12–7–65, Cl. 128—272.
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Levene, Martin L., to Radio Corp. of America. Data storage apparatus. 3,181,166, 4–27–65, Cl. 346—74.
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Levering, Dewey R., and L. G. Maury, to Hercules Powder Co. Catalytic hydrogenation of nitrosamines to hydrazines. 3,182,086, 5–4–65, Cl. 260—583.
Le Vesconte, Ed, to H. S. Crocker Co., Inc. Frozen food container. 3,220,542, 11–30–65, Cl. 206—45.31.
Leveskis, Newton G., to U.S. Peroxygen Corp. Organic peroxide preparation. 3,167,591, 1–26–65, Cl. 260—610.
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Levey, Ralph P., Jr., to United States of America, Atomic Energy Commission. Gas-solids contacting method. 3,164,-440, 1–5–65, Cl. 23—1.
Levey, Ralph P., Jr., to United States of America, Atomic Energy Commission. Alumina-cobalt-gold composition. 3,208,848, 9–28–65, Cl. 75—206.
Levey, Ralph P., Jr., and P. E. Trent, to United States of America, Atomic Energy Commission. Method of preparing uranium dioxide fuel compacts. 3,189,666, 6–15–65, Cl. 264—21.
Levi, Roberto, to North American Philips Co., Inc. Thermionic dispenser cathode. 3,201,639, 8–17–65, Cl. 313—346.
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Levin, Franklyn K., and R. Sarmiento, to Esso Production Research Co. Earth logging system. 3,208,548, 9–28–65, Cl. 181—.5.
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Levin, Nathan. Yarn finger operating means. 3,201,957, 8–24–65, Cl. 66—138.

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Levin, Walter E., to Edwards Co., Inc. Bell striker assembly. 3,184,622, 5–18–65, Cl. 310—30.

Levine, Abe, ½ to G. L. Berkin. Pleating means for fabrics. 3,181,597, 5–4–65, Cl. 160—348.

Levine, Alfred B., to Litton Systems, Inc. Embossing process. 3,170,008, 2–16–65, Cl. 264—22.

Levine, Alfred B. Magnetic processes. 3,175,383, 3–30–65, Cl. 72—56.

Levine, Bernard B., and R. Phillips, to Warbern Plastics, Inc. Double hanger. 3,165,245, 1–12–65, Cl. 223—91.

Levine, Beth. Platform shoe structure. 3,170,248, 2–23–65, Cl. 36—2.5.

Levine, Howard B. Pencil pointer lock. 3,215,122, 11–2–65, Cl. 120—91.

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Levine, Nathan, to Babcock-Davis Associates, Inc. Spring hinge. 3,209,392, 10–5–65, Cl. 16—190.

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Levins, Dave B., to General Electric Co. Electric position sensor. 3,200,645, 8–17–65, Cl. 73—313.

Levinson, Benjamin L., and E. E. Brush; said Levinson assor. to Evelyn S. Levinson. Dispenser for liquid in upright container with controlled atmosphere. 3,186,599, 6–1–65, Cl. 222—82.

Levinson, Benjamin L., and E. E. Brush, ½ to E. Levinson and ½ to said Brush. Positive-pressure controlled-atmosphere liquid dispenser. 3,200,994, 8–17–65, Cl. 222—82.

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Levinthal, Jay G., to General Electric Co. Automatic information modification apparatus for data processing system. 3,219,977, 11–23–65, Cl. 340—172.5.

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Levis, William W., Jr.: *See*—
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Levis, William W., Jr., to Wyandotte Chemicals Corp. Surface active agents. 3,170,938, 2–23–65, Cl. 260—404.5.

Levis, William W., Jr., and E. A. Weipert, to Wyandotte Chemicals Corp. Di(alkoxyalkyl)thiourea. 3,168,560, 2–2–65, Cl. 260—552.

Levitan, Monroe: *See*—
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Levitas, Harry. Window shade construction. 3,186,474, 6–1–65, Cl. 160—238.

Levitch, Robert G., to James Lees and Sons Co. Method of producing a laminated carpet tile. 3,166,455, 1–19–65, Cl. 156—88.

Leviton, Abraham, and M. J. Pallansch, to United States of America, Agriculture. Process for preparing sterilized concentrated milk products. 3,167,437, 1–26–65, Cl. 99—212.

Leviton Mfg. Co., Inc.: *See*—
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Levitt, Ben B. Pneumatic inertial sensor. 3,165,933, 1–19–65, Cl. 73—515.

Levitt, Matthew, and R. W. Whitney, to Sylvania Electric Products Inc. Bypass arrangement for increasing circuit reliability. 3,168,707, 2–2–65, Cl. 330—21.

Levitt, Milton R., to The Scholl Mfg. Co., Inc. Digit embracing surgical pads. 3,209,750, 10–5–65, Cl. 128—153.

Levitt, Milton R., to The Scholl Mfg. Co., Inc. Bunion splint. 3,219,032, 11–23–65, Cl. 128—81.

Levitt, Milton R., and F. D. Forbes, to The Scholl Mfg. Co., Inc., Foot measuring and pedograph revealing machine. 3,192,627, 7–6–65, Cl. 33—3.

Levitt, Percy B., to Cities Service Oil Co. Flame coloration apparatus. 3,215,186, 11–2–65, Cl. 158—63.

Levitz, Sidney A. Freezing process and apparatus for eliminating frost on the window of a carton. 3,164,966, 1–12–65, Cl. 62—62.

Levoin, Francis, to Real Patentauswertungs Anstalt. Control device with two push buttons for two colours ball point pens. 3,170,440, 2–23–65, Cl. 120—42.13.

Levoin, Francis, to Real Patentauswertungs Anstalt. Control device with two push buttons for two colours ball point pens. 3,170,441, 2–23–65, Cl. 120—42.13.

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Levy, Dale F., and D. W. Gagle, Phillips Petroleum Co. Aging and curing apparatus. 3,212,319, 10–19–65, Cl. 73—15.4.

Levy, Donald J., to Lockheed Aircraft Corp. Thin nickel coatings. 3,198,659, 8–3–65, Cl. 117—130.

Levy, Edward M., P. Swan, and D. R. Lopatka, to Reflector-Hardware Corp. Knockdown counter merchandising and storage units. 3,169,810, 2–16–65, Cl. 312—140.1.

Levy, Eli, and J. H. Fasal, to Specialties Development Corp. Apparatus for detecting a change in rotational speed. 3,198,900, 8–3–65, Cl. 200—61.46.

Levy, Elie. Elastic band stitching apparatus. 3,219,002, 11–23–65, Cl. 112—2.

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Levy, Harold. Coaster caddy. 3,175,726, 3–30–65, Cl. 220—103.

Levy, Ira M., to The Technicon Co., Inc. Tissue receptacle. 3,195,502, 7–20–65, Cl. 118—500.

Levy, Jacob M. Lather making machine. 3,215,642, 11–2–65, Cl. 252—359.

Levy, Joseph, to Universal Oil Products Co. Esters of diphenyl acetohydroxamic and alpha-hydroxy-diphenyl acetohydroxamic acids with tertiary amino alcohols. 3,183,255, 5–11–65, Cl. 260—453.

Levy, Joseph, to Universal Oil Products Co. N-alkoxy-β-Phenylethylamines and β-hydroxy-β-phenylethylamines 3,184,510, 5–18–65, Cl. 260—570.6.

Levy, Joseph, to Universal Oil Products Co. N-alkoxy-α-substituted cycloalkylpropylamines. 3,207,787, 9–21–65, Cl. 260—563.

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Levy, Joseph, and A. Friedman, to Universal Oil Products Co. Method of producing 2,2-lower alkyl-substituted-1, 3-propanediol-dicarbamates. 3,173,941, 3–16–65, Cl. 260—482.

Levy, Joseph, and E. Goldstein, to Universal Oil Products Co. Preparation of iminobisalkylamines. 3,210,426, 10–5–65, Cl. 260—583.

Levy, Joseph M. Jewelry clasp. 3,225,406, 12–28–65, Cl. 24—230.

Levy, Louis, and C. A. De Fusco, to Rexall Drug and Chemical Co. Identification of scaly teleosts. 3,174,458, 3–23–65, Cl. 119—3.

Levy, Marilyn, to United States of America, Army. Monobaths containing sodium polyacrylate and polyvinyl-pyrralidone. 3,167,429, 1–26–65, Cl. 96—61.

Levy, Marilyn, to United States of America, Army. Heat erasable photo sensitive coating and process of using same. 3,169,064, 2–9–65, Cl. 96—27.

Levy, Marilyn, to United States of America, Army. Photographic fixing bath. 3,170,793, 2–23–65, Cl. 96—61.

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Levy, Maurice M. Apparatus for sorting flat articles. 3,199,688, 8–10–65, Cl. 214—7.
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Levy, Sidney. Mixing device. 3,189,325, 6–15–65, Cl. 259—10.
Levy, Sidney E., and B. C. Sharp, to Ling-Temco-Vought, Inc. Modular component assembly of microphones. 3,201,530, 8–17–65, Cl. 179—146.
Levy, William. Frame structure. 3,184,802, 5–25–65, Cl. 20—15.
Levy, William G. Gun rack. 3,180,494, 4–27–65, Cl. 211—64.
Levy, William G., to Yield House, Inc. Shower seat. 3,193,848, 7–13–65, Cl. 4—185.
Levy, William G., to Yield House, Inc. Reclining back rest for bed. 3,217,341, 11–16–65, Cl. 5—327.
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Lewandowski, Thaddeus, to Bonewitz Chemicals, Inc. Cleaner. 3,218,260, 11–16–65, Cl. 252—142.
Lew, Baak W.: *See*—
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Lew, Baak W., to Atlas Chemical Industries, Inc. Process for the preparation of tetrahydrofuran-cis, 2,5-dicarboxylic acid and salts thereof. 3,225,066, 12–21–65, Cl. 260—347.3.
Lew, Baak W., to Atlas Chemical Industries, Inc. Process of producing esters of hydroxymethyltetrahydrofuroic acid. 3,225,069, 12–21–65, Cl. 260—347.5.
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Lewellen, Wendell G., Jr., to Imperial Industries, Inc. Rotating mechanism for plating barrel or the like. 3,202,006, 8–24–65, Cl. 74—406.
Lewenstein, Mozes J. Analgesic compositions. 3,218,233, 11–16–65, Cl. 167—65.
Lewi, William. Dual seal package. 3,202,277, 8–24–65, Cl. 206—78.
Lewin, Gunnar E. W. Locking device for doors, shutters and the like. 3,201,160, 8–17–65, Cl. 292—71.
Lewin, Gunnar E. W., to Atvidabergs Inredningar AB. Pivot-bearing assemblies for windows and similar structures. 3,208,097, 9–28–65, Cl. 16—164.
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Lewin, Menachem, O. Elsner, M. Mielcharek, and T. Bernstein, to the State of Israel. Purification of hecogenin. 3,172,884, 3–9–65, Cl. 260—239.55.
Lewin, Morton H., to Radio Corp. of America. Logic circuits employing transistors and negative resistance diodes. 3,175,097, 3–23–65, Cl. 307—88.5.
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Lewis, Bernard L.: *See*—
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Lewis, Bernard, to Ethyl Corp. Ignition system for propellants. 3,177,652, 4–13–65, Cl. 60—35.4.
Lewis, Bernard L., to Radiation, Inc. Satellite sensor and control system. 3,185,852, 5–25–65, Cl. 250—227.
Lewis, Bernard L., to Radiation, Inc. Pin hole wide-angle tracker. 3,223,841, 12–14–65, Cl. 250—83.3.
Lewis, Carl O., to Manitowoc Engineering Corp. Actuating mechanism for clutch assembly. 3,177,999, 4–13–65, Cl. 192—99.
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Lewis, Charles T. Cable grip support. 3,216,682, 11–9–65, Cl. 248—60.
Lewis, Clifford J., and W. S. Dunn, to Allied Chemical Corp. Recovery of uranium and/or vanadium values from ores containing the same. 3,198,599, 8–3–65, Cl. 23—14.5.
Lewis, Dallas B. Conveyor loading and unloading system. 3,191,750, 6–29–65, Cl. 198—31.
Lewis, Delbert L. Upholstering tool. 3,168,228, 2–2–65, Cl. 223—102.
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Lewis, Ernest D., and J. H. Braun, to E. I. du Pont de Nemours and Co. TiO_2 manufacture. 3,208,866, 9–28–65, Cl. 106—300.
Lewis, Everett C., G. L. Oswell, and J. Jonakin, to Combustion Engineering, Inc. Screw conveyor. 3,197,015, 7–27–65, Cl. 198—43.
Lewis, Francis C. Retrievable bridge plug. 3,164,210, 1–5–65, Cl. 166—121.
Lewis, Frank C.: *See*—
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Lewis, Frederick W., to The Telex Corp. Semi-conductor hearing aid amplifier. 3,194,897, 7–13–65, Cl. 179—107.
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Lewis, George E., to Hydril Co. Electrical remote control and indicating system. 3,202,978, 8–24–65, Cl. 340—286.
Lewis, George E., to Hydril Co. Submarine well head tool servicing apparatus. 3,219,118, 11–23–65, Cl. 166—66.5.
Lewis, George W., to General Precision, Inc. Adjustable solenoid operated valve. 3,218,022, 11–16–65, Cl. 251—30.
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Lewis, Gordon M., and K. W. Clark, to Bristol Siddeley Engines Ltd. Power plant mounting. 3,220,669, 11–30–65, Cl. 144—12.
Lewis, Harold V., and C. C. Stanton, to Corning Glass Works. Pipe cutter. 3,196,722, 7–27–65, Cl. 83—12.
Lewis, Harold V., and L. C. Liptak, to Corning Glass Works. Flexible pipe coupling. 3,212,798, 10–19–65, Cl. 285—230.
Lewis, Harry S., B. L. Capper, and B. H. Harris, to Chamberlain & Hookham Ltd. Electrical apparatus having a housand a withdrawable frame or like support. 3,194,906, 7–13–65, Cl. 200—50.
Lewis, Herbert, and M. Levy, to Cuckson Textiles Proprietary Ltd. Container for textile tapes, ribbons and the like. 3,202,269, 8–24–65, Cl. 206—52.
Lewis, Howard B., Jr., to Consolidated Electrodynamics Corp. Temperature compensation for D.C. amplifiers. 3,188,576, 6–8–65, Cl. 330—23.
Lewis, Jack J.: *See*—
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Lewis, Jack J., and D. H. Griffin, to Smith-Douglas Co., Inc. Production of potassium fluoborate. 3,178,261, 4–13–65, Cl. 23—59.
Lewis, James C., R. M. Hockett, and R. H. Wainwright, to Braden Steel Corp. Sealing means. 3,221,375, 12–7–65, Cl. 20—69.
Lewis, James E., to The Martin Sweets Co., Inc. Cold trap. 3,225,825, 12–28–65, Cl. 165—157.
Lewis, James E., to The Martin Sweets Co., Inc. Method and apparatus for determining C_{14}. 3,226,197, 12–28–65, Cl. 23—230.

Lewis, John A.: *See*—
Lewis, John H. and J. A. 3,221,449.
Lewis, John A., to Bell Telephone Laboratories, Inc. Semi-direct oscillational viscometry. 3,181,348, 5–4–65, Cl. 73—54.
Lewis, John G., to Nuclear Technical Service Corp. High temperature furnace. 3,170,018, 2–16–65, Cl. 13—31.
Lewis, John H. and J. A., to Archdale Belt Co., Inc. Sandpaper cot. 3,221,449, 12–7–65, Cl. 51—373.
Lewis, John T., and N. Page, to Midland Silicones Ltd. Siloxane elastomers. 3,186,963, 6–1–65, Cl. 260—46.5.
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Liebmann, John M., to Research Products Corp. Casing for a gas-liquid contact unit. 3,193,259, 7–6–65, Cl. 261—24.
Liebrandt, Gunnar, A. Zwingenberger, and W. Mueller, to K. Liebrandt. Textile machine. 3,201,956, 8–24–65, Cl. 66—125.
Liebrandt, Karl: *See*—
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Liebreich, Oscar P. Automatic control for adjustable steering wheels. 3,199,625, 8–10–65, Cl. 180—77.
Liebscher, Anton: *See*—
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Liebscher, Roland, E. Mayerhofer, and W. Veith, to Siemens & Halske Aktiengesellschaft. Coupling between waveguides using arcuate slots with vacuum-tight dielectric window in region of low electric field. 3,213,394, 10–19–65, Cl. 333—98.
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Siegrist, Adolf E., Guglielmetti, Maeder, and Liechti. 3,184,468.
Siegrist, Adolf E., Maeder, Duennenberger, and Liechti. 3,178,440.
Siegrist, Adolf E., Maeder, and Liechti. 3,174,974.
Liedberg, Kurt H., to Atlas Copco Aktiebolag. Spray coating apparatus for spraying liquid coating material under high pressure. 3,190,564, 6–22–65, Cl. 239—578.
Liedberg, Kurt H., and S. F. A. Peterson, to Atlas Copco Aktiebolag. Electrostatic spray coating apparatus. 3,210,008, 10–5–65, Cl. 239—15.
Liederman, David: *See*—
Glass, John R., and Liederman. 3,207,585.
Liedl, Jerome J., and D. L. Snyder, to Minnesota Mining and Mfg. Co. Apparatus for exposing and developing printing plates. 3,218,950, 11–23–65, Cl. 95—77.5.
Liedtke and Ficaro: *See*—
Ficaro, Joseph P. 3,207,413.
Liedtke, Gerhard: *See*—
Arndt, Friedrich, Czyzewski, Griebsch, and Liedtke. 3,175,896.
Günther, Fredo, and Liedtke. 3,210,176.
Liedtke, Kurt, to Hauni-Werke Korber & Co. KG. Method and apparatus for wrapping cigarette packs and the like. 3,200,555, 8–17–65, Cl. 53—33.
Lief, Lawrence J.: *See*—
Zatsky, Norman C., and Lief. 3,192,777.
Liegeon, Bernard L. J.: *See*—
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Lien, Charles I., and B. Strunk, to The Bendix Corp. Stepper motor servo amplifier. 3,199,009, 8–3–65, Cl. 318—138.
Lien, Dallas H., to Western Electric Co., Inc. Apparatus for recording and reading out data pulses. 3,217,103, 11–9–65, Cl. 179—1.
Liénard, Léonce. Soil conditioning device. 3,220,194, 11–30–65, Cl. 61—13.
Lienert, Walter H.: *See*—
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Liermann, Jean, to Commissariat a l'Energie Atomique. Device for aligning fuel cartridges in a channel of a nuclear reactor. 3,167,483, 1–26–65, Cl. 176—77.
Liermann, Jean, to Commissariat a l'Energie Atomique. Electric connectors for nuclear fuel cartridges. 3,175,956, 3–30–65, Cl. 176—77.
Lieser, Ernst, to Eastman Kodak Co. Photoelectric exposure meter with variable angular field. 3,205,796, 9–14–65, Cl. 95—10.
Lieser, Ernst, and E. Mueller, to Eastman Kodak Co. Camera with automatic diaphragm control. 3,188,935, 6–15–65, Cl. 95—64.
Liesk, Wolfgang: *See*—
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Liess, Richard K., to Caterpillar Tractor Co. Earthmoving scraper with auxiliary bowl mounted conveyor. 3,210,868, 10–12–65, Cl. 37—8.
Liesse, Maurice E. Vibratory switch, chiefly for ignition systems. 3,193,642, 7–6–65, Cl. 200—90.
Liessem, Karl-Heinz, to Joh. Kleinewefers Sohne, Maschinenfabrik. Textile roller printing machine. 3,205,815, 9–14–65, Cl. 101—219.
Liessenberg, Henry, to Combustion Engineering, Inc. Shielding of tube support for furnace tube panels. 3,164,137, 1–5–65, Cl. 122—510.
Lietaert, Harold E. Wall system. 3,221,453, 12–7–65, Cl. 52—209.
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Lifland, Philip P., to Socony Mobil Oil Co., Inc. Quasi-isothermal hydrocarbon conversion and reactor therefor. 3,198,727, 8–3–65, Cl. 208—65.
Lige, Frederick O. Wire connectors with flexible lead. 3,165,576, 1–12–65, Cl. 174—87.
Lige, Frederick O. Wire ties. 3,224,054, 12–21–65, Cl. 24—16.
Liger, Marc, to Societe Anonyme de Telecommunications. Telecommunication receivers. 3,176,237, 3–30–65, Cl. 330—53.

Liggenstorfer, Arnold, and B. Beeler. Proportioning apparatus and method for mixing and feeding liquid resin impregnant with setting agent through single orifice discharge. 3,193,202, 7–6–65, Cl. 239—142.
Liggett & Myers Tobacco Co.: *See*—
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Light, Bert. Devices for use in stitching together plies of fabric. 3,172,379, 3–9–65, Cl. 112—2.
Light, John S. Rocket shell construction. 3,209,533, 10–5–65, Cl. 60—35.6.
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Lightburn, Herbert M. Razor blade holder and accessory therefor. 3,195,231, 7–20–65, Cl. 30—2.
Lighter, Stephen. Heating panel. 3,176,116, 3–30–65, Cl. 219—345.
Lighter, Stephen. Acoustic panels. 3,176,789, 4–6–65, Cl. 181—33.
Lightfoot, William A, to Pilkington Brothers Ltd. Methods of and apparatus for correcting a deviation from true form of a casting roll. 3,186,811, 6–1–65, Cl. 65—29.
Lightfoot, William E., and J. H. Johnston. Rotary cutting devices. 3,217,988, 11–16–65, Cl. 241—101.
Lightner, Gene E., and K. R. Nickolls, to Monsanto Co. Foamed polymers and process for preparing same. 3,175,-985, 3–30–65, Cl. 260—2.5.
Lightner, Leon J., and M. Link, to Union Bag-Camp Paper Corp. Blister card package. 3,203,542, 8–31–65, Cl. 206—45.31.
Lightner, Milton C., and R. E. Johnson, to The Singer Co. Single thread locking seam. 3,224,399, 12–21–65, Cl. 112—262.
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Ligon, Elmer R., W. J. Johnson, and N. C. Grotheer, to W. S. Dickey Clay Mfg. Co. Blender. 3,201,094, 8–17–65, Cl. 259—5.
Ligotky, Harri K., to International Telephone & Telegraph Corp. Electronic counter or scanner using memory means and logic gates. 3,183,365, 5–11–65, Cl. 307—88.5.
Liibbe, Elmer H. Golf cart apparatus. 3,165,329, 1–12–65, Cl. 280—36.
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Liles, Clarence E., to Sperry Rand Corp. Power transmission. 3,185,104, 5–25–65, Cl. 103—162.
Liles, Claude W. Camping kit. 3,190,413, 6–22–65, Cl. 190—12.
Liles, Lewis R., and H. H. Geiger, to The B. F. Goodrich Co. Engraving gum. 3,186,894, 6–1–65, Cl. 161—84.
Lilienstein, Manfred, to American Electronics, Inc. Static inverter. 3,168,692, 2–2–65, Cl. 321—5.
Liljendahl, Sven A. J. Production and utilization of vacuum. 3,181,553, 5–4–65, Cl. 137—357.
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Lill, Melvin H., to FMC Corp. Vehicle supporting rack. 3,190,395, 6–22–65, Cl. 187—8.67.
Lill, Melvin H., to FMC Corp. Suspension height gauge for vehicles. 3,210,857, 10–12–65, Cl. 33—180.
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Liller, Richard F., to Addressograph-Multigraph Corp. Apparatus for developing electrostatic images. 3,203,395, 8–31–65, Cl. 118—637.
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Lillsunde, Bernhard: *See*—
Brunberg, Karl, Dahlblom, and Lillsunde. 3,205,313.
Dahlblom, Rolf A., and Lillsunde. 3,185,771.
Dahlblom, Rolf A., and Lillsunde. 3,222,458.
Lilly, Arnys C., Jr., E. B. Shutes, and T. J. Weismann, to Gulf Research & Development Co. Magnetic field free ion source with adjustable electron gun. 3,182,190, 5–4–65, Cl. 250—41.9.
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Ainsworth, Cameron, Blubaugh, Springman, and Zapapas. 3,224,940.
Ainsworth, Cameron, and Ryan. 3,225,091.
Bromer, Henry E., Jr., and Kranzfelder. 3,188,344.
Buting, Walter E. 3,203,858.
Cannon, William N. 3,207,660.
Cannon, William N., Lavagnino, and Shepard. 3,206,357.
Cannon, William N., and Shepard. 3,197,366.
Cochran James E., Jr., Kline, Soper, and Cannon. 3,180,872.
Dillard, Robert D., and Easton. 3,225,042.
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Easton, Nelson R., and Dillard. 3,192,208.
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Flynn, Edwin H. 3,216,999.
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Gorman, Marvin. 3,225,053.
Hamill, Robert L., Haney, McGuire, and Stamper. 3,178,341.
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Krabbe, Carl F., and Taylor. 3,193,460.
Mills, Jack. 3,189,657.
Mills, Jack. 3,213,140.
Mills, Jack, and Kattau. 3,225,096.
Morin, Robert B., Flynn, Jackson, and Roeske. 3,188,311.
Nash, J. Frank, and Lin. 3,224,941.
Perelman, Melvin. 3,194,801.
Perleman, Melvin. 3,222,388.
Pioch, Richard P. 3,184,509.
Rapala, Richard T. 3,197,489.
Sullivan, Hugh R., Jr. 3,222,365.
Svoboda, Gordon H. 3,225,030.
Svoboda, Gordon H., Barnes, and Armstrong. 3,205,220.
Taylor, Harold M. 3,218,171.
Traverso, John J., and Whitehead. 3,225,056.
Lilly, Garland M., to Westinghouse Electric Corp. Plural motor control with diverse speeds for different motors. 3,206,664, 9–14–65, Cl. 318—67.
Lilly, Mason M. Snap-closing gas lift valve. 3,224,459, 12–21–65, Cl. 137—155.
Lilly, Mason M., and E. E. Roach, to Harold Brown Co. Time cycle controller. 3,211,179, 10–12–65, Cl. 137—624.14.
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Lilly, Wynne R., to Toledo Scale Corp. Fastener combination. 3,205,981, 9–14–65, Cl. 189—36.
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Limberg, Allen L., to Radio Corp. of America. F.M. stereophonic radio signal receivers having combined pre-detection de-emphasis and filtering circuit. 3,198,885, 8–3–65, Cl. 179—15.
Limberg, Wayne. Hat with power cooling. 3,168,748, 2–9–65, Cl. 2—171.3.

Limberger, Walter, to Lumoprint Zindler K.G. Apparatus for making copies. 3,165,313, 1–12–65, Cl. 271—64.
Limberger, Walter, to Lumoprint Zindler K.G. Apparatus for producing photocopies. 3,168,022, 2–2–65, Cl. 95—1.7.
Limberger, Walter, to Lumoprint Zindler KG. Apparatus for preparing photocopies. 3,168,026, 2–2–65, Cl. 95—75.
Limberger, Walter, to Lumoprint Zindler K.G. Device for manufacturing copies. 3,179,033, 4–20–65, Cl. 95—89.
Limberger, Walter, to Lumoprint Zindler KG. Apparatus for making copies. 3,182,578, 5–11–65, Cl. 95—77.5.
Limberger, Walter, to Lumoprint Zindler KG. Apparatus for making contact copies. 3,190,204, 6–22–65, Cl. 95—73.
Limberger, Walter, to Lumoprint Zindler KG. Apparatus for treating sheets of film base. 3,202,072, 8–24–65, Cl. 95—89.
Limberger, Walter, to Lumoprint Zindler KG. Copying apparatus. 3,203,336, 8–31–65, Cl. 95—89.
Limberger, Walter, to Lumoprint Zindler K.G. Apparatus for the production of copies. 3,207,050, 9–21–65, Cl. 95—1.7.
Limberger, Walter. Copying device. 3,207,129, 9–21–65, Cl. 118—637.
Limberger, Walter, to Lumoprint Zindler KG. Copying apparatus and feeding mechanism therefor. 3,207,506, 9–21–65, Cl. 271—3.
Limberger, Walter, to Lumoprint Zindler KG. Apparatus for the thermographic reproduction of copy from a master. 3,207,897, 9–21–65, Cl. 250—65.
Limberger, Walter, and R. Wendt, to Lumoprint Zindler KG. Apparatus for the reproduction of copies by distillation transfer. 3,190,200, 6–22–65, Cl. 95—1.7.
Limbrick, John E., to The Plessey Co. Ltd. Control valve devices for hydraulic rams. 3,205,788, 9–14–65, Cl. 91—419.
Limburger, Eisengiesserei und Maschinenfabrik Theodor Ohl K.G.: *See*—
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Limes, Robert W., to Republic Steel Corp. Cast nozzle inserts. 3,196,504, 7–27–65, Cl. 22—85.
Limes, Robert W., and M. P. Fedock, to Republic Steel Corp. Refractory composition. 3,223,540, 12–14–65, Cl. 106—65.
Limestone Products Corp. of America: *See*—
Titus, Harry W. 3,180,735.
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Lin, Andrew D., D. D. Willard, and D. D. Johnson, to International Business Machines Corp. Data storage apparatus. 3,176,279, 3–30–65, Cl. 340—174.1.
Lin, Hung C., to Westinghouse Electric Corp. Complementary transistor structure. 3,197,710, 7–27–65, Cl. 330—38.
Lin, Hung C., to Westinghouse Electric Corp. Monolithic transistor and diode structure. 3,206,619, 9–14–65, Cl. 307—88.5.
Lin, Hung C., to Westinghouse Electric Corp. Semiconductor device providing diode functions. 3,210,620, 10–5–65, Cl. 317—234.
Lin, Hung C., and K. K. Yu, to Westinghouse Electric Corp. Unipolar-bipolar semiconductor amplifier. 3,210,677, 10–5–65, Cl. 330—17.
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Nash, J. Frank, and Lin. 3,224,941.
Linacre, Frederick D., and R. L. Berriman, to McFarlane and Burns Proprietary Ltd. Method of making a container for perishable commodities. 3,164,068, 1–5–65, Cl. 93—35.
Linarello, Domenico, to Abercrombie & Fitch Co. Single trigger mechanism. 3,193,961, 7–13–65, Cl. 42—42.
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Lincoln, Edmund T., and J. M. Ervin, to Owens-Corning Fiberglas Corp. Method and apparatus for producing fibers from mineral materials. 3,218,139, 11–16–65, Cl. 65—5.
Lincoln Electric Co., The: *See*—
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Lincoln, Frank H., W. P. Schneider, and G. B. Spero, to The Upjohn Co. 6-fluoro-16-methyl-steroids of the pregnane series. 3,174,965, 3–23–65, Cl. 260—239.55.
Lincoln, Frank H., and W. P. Schneider, to The Upjohn Co. 9,11-epoxy-6-fluoro-Δ^4,16-pregnadienes and products produced therefrom. 3,210,341, 10–5–65, Cl. 260—239.55.
Lincoln, John D., and E. P. Ceselski, to The Continental Can Co., Inc. Apparatus for laminating a continuous honeycomb sandwich. 3,185,610, 5–25–65, Cl. 156—549.
Lincoln, John D., to Continental Can Co., Inc. Method and apparatus for slicing honeycomb block. 3,204,500, 9–7–65, Cl. 83—7.
Lincoln, John D., to Continental Can Co., Inc. Method and apparatus for making pitch impregnated honeycomb. 3,220,906, 11–30–65, Cl. 156—197.
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Lincoln, Paul A., to Ingersoll-Rand Co. Rock drill. 3,191,693, 6–29–65, Cl. 173—78.
Lincoln, Robert C., and H. E. Osment, to Kaiser Aluminum & Chemical Corp. Production of potassium permanganate activated alumina composite. 3,226,332, 12–28–65, Cl. 202—184.
Lincoln, Robert W. Meat tongs. 3,199,904, 8–10–65, Cl. 294—16.
Lincoln, Rush A.: *See*—
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Lind, Anders, to Moraindustri, Aktiebolaget. Device in ice drills. 3,168,923, 2–9–65, Cl. 175—18.
Lind, Arthur C., to Rex Chainbelt Inc. Apparatus for skimming. 3,204,773, 9–7–65, Cl. 210—525.
Lind, Arthur C., W. J. Katz, and J. L. Mancini, to Rex Chainbelt Inc. Adjustable baffle grit chamber. 3,215,276, 11–2–65, Cl. 210—197.
Lind, Dorothy C.: *See*—
Lind, Victor W. and D. C. 3,218,727.
Lind, Edward R.: *See*—
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Lind, Erwin: *See*—
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Lind, Erwin, to Kalle Aktiengesellschaft. Heat-copying process. 3,196,029, 7–20–65, Cl. 117—1.7.
Lind, Orbie S., Jr., to Mansfield Industries, Inc. Exposure condition indication and warning. 3,191,512, 6–29–65, Cl. 95—11.
Lind, Stanley L. Key holder. 3,212,546, 10–19–65, Cl. 150—40.
Lind, Victor W., deceased; D. C. Lind, administratrix of said V. W. Lind. Apparatus for freeze-drying and method. 3,218,727, 11–23–65, Cl. 34—5.
Linda, Frank R., to International Paper Co. Container and blank. 3,167,230, 1–26–65, Cl. 229—4.5.
Linda, Frank R., and J. H. Goodwin, to International Paper Co. Strippable wall covering. 3,212,957, 10–19–65, Cl. 161—167.
Lindaberry, Harold L., to Pennsalt Chemicals Corp. Control of submersed aquatic plant life. 3,207,593, 9–21–65, Cl. 71—2.5.
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Svantesson, Ake W. 3,222,060.
Ullberg, Karl G. 3,193,278.
Lindaman, Richard: *See*—
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Fletcher, Lawrence A., and Palmer. 3,224,519.
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Sullivan, Frank A., and Lindaw. 3,215,703.
Lindberg, Carl A., and H. A. Anderson, to Bissell Inc. Vacuum cleaner with removable filter bag. 3,184,778, 5–25–65, Cl. 15—344.
Lindberg, Charles A., to SCM Corp. Cover assembly. 3,185,533, 5–25–65, Cl. 312—208.
Lindberg Engineering Co.: *See*—
Holz, George W. 3,191,247.
Lindberg, Georg: *See*—
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Lindberg, Gote R., to Atlas Copco Aktiebolag. Rock drilling apparatus. 3,181,624, 5–4–65, Cl. 173—43.
Lindberg, Gustav R., to Flygts Pumpar, Aktiebolaget. Screw pump. 3,208,391, 9–28–65, Cl. 103—117.
Lindberg, Jerome L., to The Colorado Fuel and Iron Corp. Safety device. 3,197,240, 7–27–65, Cl. 285—114.
Lindberg, John E. Method of applying an oxide coating to a metal tube. 3,164,493. 1–5–65, Cl. 148—6.3.
Lindberg, John E. Heat detection apparatus. 3,176,460, 4–6–65, Cl. 60—24.
Lindberg, John E. Heat detection apparatus. 3,177,479, 4–6–65, Cl. 340—214.
Lindberg, John E. Alarm circuit with false warning prevention. 3,196,423, 7–20–65, Cl. 340—213.
Lindberg, John E. Hermetically sealed pressure actuated spot point temperature detection device. 3,221,128, 11–30–65, Cl. 200—140.
Lindberg, John E., Jr. Pressure-actuated electrical switch having flat support as closure for prevention of overpressure damage. 3,180,956, 4–27–65, Cl. 200—140.
Lindberg, John E., Jr. Method for making a pressure-responsive device. 3,193,911, 7–13–65, Cl. 29—155.5.
Lindberg, John E., Jr. Apparatus for heat detection. 3,195,121, 7–13–65, Cl. 340—229.
Lindberg, John E., Jr. Sensitive pressure-responsive device. 3,205,329, 9–7–65, Cl. 200—140.
Lindberg, John E., Jr. Heat detection system with testing means. 3,221,319, 11–30–65, Cl. 340—229.
Lindberg, John E., Jr., and S. A. Miller; said Miller assor. to J. E. Lindberg, Jr. Fire detector with integrity-testing device. 3,175,206, 3–23–65, Cl. 340—214.
Lindberg, Nils E., and O. H. Lundblad. Weight-recording weighing machines. 3,203,495, 8–31–65, Cl. 177—2.
Lindberg, Paul S., to Randolph Mfg., Co. Vacuum pump. 3,193,190, 7–6–65, Cl. 230—152.
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Lindblom, Frank W., to Welsh Mfg. Co. Suspension device for hard hat. 3,175,225, 3–30–65, Cl. 2—3.
Lindblom, Frank W., to Welsh Mfg. Co. Auxiliary nose piece for spectacle frames. 3,209,366, 9–28–65, Cl. 351—130.

Lindblom, Gordon P., G. D. Ortloff, and J. T. Patton, to Esso Production Research Co. Method of reducing fluid loss in well treatment. 3,198,268, 8–3–65, Cl. 175—72.
Lindbloom, William A., to Automatic Electric Laboratories, Inc. Interoffice signalling arrangement. 3,178,517, 4–13–65, Cl. 179—27.
Lindbloom, William A., to Automatic Electric Laboratories, Inc. Trunk circuit pad-control arrangements. 3,210,473, 10–5–65, Cl. 179—16.
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Linde, John A. Intra-oral appliance for straightening teeth. 3,205,577, 9–14–65, Cl. 32—14.
Linde, William O., to Automotive Servicenter, Inc. Winch. 3,224,735, 12–21–65, Cl. 254—167.
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Appleton, Arthur I., Lindell, and Stephensen. 3,213,270.
Lindell, John F.: *See*—
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Lindell, Oscar V., to Dorr-Oliver Inc. Apparatus and method for purification of liquids. 3,164,379, 1–5–65, Cl. 259—100.
Lindell, Sigurd I., to S & C Electric Co. Tubular circuit interrupter with mechanical release of arc drawing terminal within the tube. 3,222,477, 12–7–65, Cl. 200—114.
Lindelow, William A. Animal trap. 3,177,608, 4–13–65, Cl. 43—61.
Lindeman, Myrl A., and W. B. Hansel, to Sun Oil Co. Fuel weighing device. 3,179,193, 4–20–65, Cl. 177—229.
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Quick, August W., and Lindemann. 3,172,264.
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Lindemann, Hans, to Th. Calow & Co. Method and apparatus for producing pipes of shorter lengths from a continuously produced pipe. 3,173,318, 3–16–65, Cl. 82—47.
Lindemann, Hans, to Th. Calow & Co. Clamping and straightening devices. 3,195,336, 7–20–65, Cl. 72—72.
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Lindemann, Howard C., and D. Mindheim, to Lindly & Co., Inc. Photodynamic monitor for inspecting spun yarns. 3,174,046, 3–16–65, Cl. 250—219.
Lindemann, Robert E., to Harris-Intertype Corp. Sheet delivery mechanism. 3,199,865, 8–10–65, Cl. 271—64.
Lindemann, Robert E., and M. H. November, to D. M. Potter. Digital measuring instrument and densimeter. 3,184,975, 5–25–65, Cl. 73—453.
Lindemann, Wallace W., and R. K. Mueller, to Litton Systems, Inc. R.C. filter with capacitance produced by grain boundary semiconductor. 3,196,372, 7–20–65, Cl. 333—70.
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Linderholm, Sven O., to The Ohio Brass Co. Cable terminals with shielding capacitors. 3,197,551, 7–27–65, Cl. 174—73.
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Lindgren, Nils K., to Aktiebolaget Electrolux. Centrifugal switch having two resilient arms with adjustable force transmitting means functioning therebetween. 3,194,913, 7–13–65, Cl. 200—80.
Lindgren, Nils K., to Electrolux, Aktiebolaget. Electric motor. 3,200,275, 8–10–65, Cl. 310—90.
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Lindley, John, to United Kingdom Atomic Energy Authority. Apparatus for concentrating solutions. 3,181,593, 5–4–65, Cl. 159—28.
Lindley, William L. Arrangement for supporting a tubeless tire on a wheel rim. 3,180,391, 4–27–65, Cl. 152—158.
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Lindquist, Robert H., B. F. Mulaskey, and H. F. Harnsberger, to California Research Corp. Process of dehydrogenation with catalyst rejuvenation. 3,180,903, 4–27–65, Cl. 260—680.

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Lindsay, James B., to Kahle Engineering Co. Method and means of producing double walled containers. 3,195,994, 7–20–65, Cl. 65—58.

Lindsay, James G., and H. J. Gailey, to Aluminum Laboratories Ltd. Process for reducing the soda content of alumina. 3,175,883, 3–30–65, Cl. 23—142.

Lindsay, James G., and W. P. C. Kinsman, to Aluminium Laboratories Ltd. Method of producing low soda content alumina. 3,201,199, 8–17–65, Cl. 23—143.

Lindsay, Kenneth L., to Ethyl Corp. Olefin dimerization. 3,185,745, 5–25–65, Cl. 260—683.15.

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Lindsay, Wesley N., to Jennings Radio Mfg. Corp. Electromagnetic actuator. 3,218,409, 11–16–65, Cl. 200—98.

Lindsay, William F., to United States of America, Atomic Energy Commission. Solid state radiation detector. 3,205,357, 9–7–65, Cl. 250—83.3.

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Lindsey, Joe P., to Phillips Petroleum Co. Signal identification. 3,193,671, 7–6–65, Cl. 235—193.

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Lindsey, Joe P., to Phillips Petroleum Co. Seismic corrections. 3,223,966, 12–14–65, Cl. 340—15.5.

Lindsey, Joe P., S. E. Elliott, and R. C. Loring, to Phillips Petroleum Co. Detection of low signal-to-noise ratio seismic signals. 3,193,797, 7–6–65, Cl. 340—15.5.

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Lindsley, Charles W., and E. R. Larson, to Radio Corp. of America. Method of assembling electron discharge tubes. 3,188,723, 6–15–65, Cl. 29—155.5.

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Lindström, Olle, to Allmänna Svenska Elektriska Aktiebolaget. Method and means for controlling the quantity of fission gas in homogeneous boiling reactors. 3,166,478, 1–19–65, Cl. 176—37.

Lindström, Olle, to Allmänna Svenska Elektriska Aktiebolaget. Homogeneous boiling reactor. 3,166,480, 1–19–65, Cl. 176—47.

Lindström, Olle, to Allmanna Svenska Elektriska Aktiebolaget. Liquid transport in continuous extraction apparatus. 3,178,268, 4–13–65, Cl. 23—270.5.

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Linke, Johannes, and E. Berek, to Machine-Tool Works Oerlikon, Administration Co. Rocket projector with magazine. 3,186,303, 6–1–65, Cl. 89—1.7.
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Linn, William J. Internal combustion engine carburetion system. 3,179,095, 4–20–65, Cl. 123—119.
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Linnander, Carl E., to Pullmax Aktiebolag. Machine for the manufacture of beams and the like. 3,171,375, 3–2–65, Cl. 113—131.
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Lins, Raymond G., and E. G. Weber, to Sperry Rand Corp. Electrostatic direction of exploded vapors. 3,213,826, 10–26–65, Cl. 118—49.1.
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Lissau, Frederic. Hydraulic positioning servo system. 3,215,045, 11–2–65, Cl. 91—388.

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Little, John C., to The Dow Chemical Co. Purification of cyanoaliphatic acids. 3,217,027, 11–9–65, Cl. 260—465.4.
Little, John H.: *See*—
Kaiser, Julius A., Jr., Smith, Little, and Pepper. 3,175,217.
Little, John R., to West Virginia Pulp & Paper Co. Method of making impregnated corrugated paperboard sheets on a corrugator machine. 3,189,502, 6–15–65, Cl. 156—210.
Little, Lambert R., to Samuel Taylor Pty. Ltd. Caps for containers, bottles or the like. 3,169,655, 2–16–65, Cl. 215—39.
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Graham, Cecil R. M., and Little. 3,191,815.
Little, Randel Q., Jr., and S. S. Deluga, to Standard Oil Co. Lubricating composition. 3,189,545, 6–15–65, Cl. 252—46.6.
Little, Robert K., to RKL Controls, Inc. Fluid motor. 3,175,472, 3–30–65, Cl. 92—94.
Little, Robert K., ⅓ to H. Kohn. Positive drive mechanism. 3,225,615, 12–28–65, Cl. 74—416.
Little, Robert P. Vacuum flange with alternate seal receiving means. 3,219,369. 11–23–65, Cl. 285—363.
Little, Thomas B.: *See*—
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Little, Thomas B., and J. Robertson, to Anglo Paper Products, Ltd. Wood chip producing apparatus. 3,209,801, 10–5–65, Cl. 144—172.
Little, William A., and S. B. Watelski, to Texas Instruments Inc. Method of making silicon transistors. 3,184,823, 5–25–65, Cl. 29—25.3.
Littlefield, Herrick B., to R. W. Shore, Mfg. Co., Inc. Closure for containers. 3,179,280, 4–20–65, Cl. 220—27.
Littlefield, John V. Display apparatus. 3,196,566, 7–27–65, Cl. 40—106.3.
Littlejohn, Bill R.: *See*—
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Littler, David E., to Panter-Arcadia Tool & Die Co. Post lock label holder. 3,209,757, 10–5–65, Cl. 129—1.
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Oxley, George H., and Littler. 3,226,217.
Littler, Frank W., E. P. Rittershausen, C. C. Smith, and I. P. Hammer, to Socony Mobil Oil Co., Inc. Concrete curing compositions. 3,189,469, 6–15–65, Cl. 106—12.
Littler, Robert L.: *See*—
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Schaschl, Edward, and Littler. 3,197,698.
Littleton, Joseph C., to Corning Glass Works. Surgical mask. 3,216,415, 11–9–65, Cl. 128—146.
Littman, Alan L., to The Wolf Envelope Co. Envelope and card unit. 3,181,774, 5–4–65, Cl. 229—70.
Littmann, David, to Cardiosonics Medical Instruments Corp. Stethoscope. 3,168,161, 2–2–65, Cl. 181—24.
Littmann, David, and J. M. Goodnow, to Cardiosonics Medical Instrument Co. Stethoscope. 3,168,160, 2–2–65, Cl. 181—24.
Littmann, Hans, to Carl Zeiss. Double stereo-microscope and illuminator for surgical operations. 3,186,300, 6–1–65, Cl. 88—39.
Litton Electron Tube Corp.: *See*—
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Litton Industries, Inc.: *See*—
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Altieri, Joseph R. 3,203,633.
Budzich, Tadeusz, and Bruder. 3,193,663.
Hartman, Robert H. 3,195,078.
Jewart, Donald M. 3,192,436.
Magill, Jacques R., and Hamilton. 3,190,786.
Sasadi, John. 3,225,943.
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Hull, Joseph F. 3,192,434.
Lindstrand, Robert R. 3,213,325.
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Watson, Wilbur H., and Holaday. 3,195,007.
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Heuchling, Theodore P., and Fowle. 3,220,201.
Hunter, Jonathan. 3,223,303.
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Kaufman, Edwin N. 3,211,897.
Kohl, Douglas A. 3,212,291.
Kutik, Martin J. 3,170,103.
Leavitt, Peter R., and Vonnegut. 3,215,997.
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Levine, Alfred B. 3,170,008.
Lindemann, Wallace W., and Mueller. 3,196,372.
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Monaghan, Hugh M. 3,203,074.
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Pleasure, Myron. 3,164,779.
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Sawyer, Bruce A. 3,213,692.
Schuster, Norman J., and Wolfe. 3,219,749.
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Simko, Edward G. 3,216,466.
Stinchfield, Roger M. 3,218,731.
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Waters, Donald E. 3,206,745.
Wehner, Gottfried K. 3,217,162.
Littwin, Arthur K., to A. K. and R. L. Littwin, H. A. Young, and D. F. Littwin, trustees of Littwin Family Trust No. 1. Magnetic work holder and method. 3,209,891, 10–5–65, Cl. 198—41.
Littwin, Arthur K., to R. L. Littwin, A. K. Littwin, H. A. Young, and Donald F. Littwin, trustees. Automatic motor reversal controlled by variable transformer means. 3,213,342, 10–19–65, Cl. 318—286.
Littwin, Arthur K., to A. K. and R. L. Littwin, H. A. Young, and D. F. Littwin, trustees. Apparatus for and method of demagnetizing. 3,218,522, 11–16–65, Cl. 317—157.5.
Littwin, Donald F.: *See*—
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Litvin, John E. Furnace filter. 3,187,488, 6–8–65, Cl. 55—493.
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Paton, Boris E., Lebedev, Ostapenko, Lashkevich, Sevbo, Sakharnov, Litvinchuk, and Gorbunov. 3,166,664.
Litwhiler, Danny, and M. G. Grabowsky. Baseball batting cage. 3,222,067, 12–7–65, Cl. 273—26.
Litwin, Walter J. Holder band. 3,214,808, 11–2–65, Cl. 24—16.
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Litzka, Franz. Honey-comb girders. 3,197,610, 7–27–65, Cl. 219—124.
Litzkow, Otto J. Mortar recess nut and thread protector. 3,212,390, 10–19–65, Cl. 85—32.
Liu, Chao-ning: *See*—
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Liu, Chien, to American Machine & Foundry Co. Process and apparatus for separating an ice-liquid mixture. 3,202,283, 8–24–65, Cl. 210—71.
Liu, Chien, and C. W. McMillin, to American Machine & Foundry Co. Treatment of wood with ethylene oxide gas or propylene oxide gas. 3,183,114, 5–11–65, Cl. 117—62.2.
Liu, Chi-Sheng, to Radio Corp. of America. Deflection circuit with Barkhausen oscillation preventive means. 3,196,309, 7–20–65, Cl. 315—27.
Liu, Chui F., and R. L. Evans, to Minnesota Mining & Mfg. Co. High molecular weight polyphosphonitriles and process of making same. 3,169,933, 2–16–65, Cl. 260—2.
Liu, Frederick F., to Quantum Dynamics, Inc. Perforated disc type turbine flowmeter. 3,201,988, 8–24–65, Cl. 73—231.
Liu, Tien: *See*—
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Livas, Amilcas I. Draft reducing device for vessels. 3,198,157, 8–3–65, Cl. 114—123.
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Lively, Lawrence D., and G. M. Rouayheb, to Continental Oil Co. Method of and apparatus for analyzing chemical compounds. 3,185,845, 5–25–65, Cl. 250—83.6.
Lively, Lawrence D., C. E. Jaynes, and J. B. Smith, to Continental Oil Co. Apparatus for recovering minute quantities of volatile compounds from inert solids. 3,205,700, 9–14–65, Cl. 73—19.
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Livermont, Frank W., deceased, by M. S. Zimmermann, executor, to Reed Roller Bit Co. Torque limiter having overload release clutch, for power-operated screw driver or the like. 3,168,944, 2–9–65, Cl. 192—56.
Livesay, J. D., to General Motors Corp. Clothes washer and dryer. 3,220,229, 11–30–65, Cl. 68—19.
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Livingston, Waltrus L., to General Signal Corp. Centralized traffic control system. 3,219,814, 11–23–65, Cl. 246—3.
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Livingston, William L., M. P. Stengel, and L. D. McNair, to Combustion Engineering, Inc. Method and apparatus of furnace operation. 3,192,985, 7–6–65, Cl. 158—1.
Livingston, William L., M. P. Stengel, and L. D. McNair, to Combustion Engineering, Inc. Method and apparatus for operating furnace. 3,202,139, 8–24–65, Cl. 122—504.
Livingstone, Dixon B. Cabin with pontoons. 3,172,134, 3–9–65, Cl. 9—1.
Livingstone, Jay G. Cover for extensible spout, releasable as spout is extended. 3,199,750, 8–10–65, Cl. 222—529.
Livingstone, Jay G. Perforate plastic fitment with bottom which is at least partly flat in pressure contact with flat portion of top of container. 3,201,014, 8–17–65, Cl. 222—545.
Livingstone, Jay G. Cover and container. Re. 25,906, 11–16–65, Cl. 220—24.5.

Livermont, Lawrence H., to Reed Roller Bit Co. Torque release wrench. 3,202,021, 8–24–65, Cl. 81—52.4.
Lizio, Joseph T. Compression-type package and method of forming the same. 3,208,587, 9–28–65, Cl. 206—63.2.
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Ljungman, Nils, and J. E. Brown, Jr. Vehicular parking systems. 3,166,732, 1–19–65, Cl. 340—51.
Ljungstrom, Olle, to Svenska Aeroplan Aktiebolaget. Air cushion vehicle. 3,168,928, 2–9–65, Cl. 180—7.
Ljungström, Olle, E. K. J. Gunnarsson, and P. O. Eriksson, to Svenska Aeroplan Aktiebolaget. Rotary fan arrangement. 3,224,666, 12–21–65, Cl. 230—120.
Ljungstromer, Lars-Einar, to Concast AG. Method and an apparatus for regulating the cooling of continuous casting material in the secondary cooling zone. 3,176,355, 4–6–65, Cl. 22—57.2.
Lloyd, Allan G., to General Mills, Inc. Direct-current to alternating-current saturable core inverters. 3,175,167, 3–23–65, Cl. 331—113.
Lloyd, Allan G., to General Mills, Inc. Direct-current to alternating-current inverter. 3,181,085, 4–27–65, Cl. 331—113.
Lloyd, Allan G., to General Mills, Inc. Electrical power supply regulator system. 3,182,246, 5–4–65, Cl. 323—22.
Lloyd, Allan G., to General Mills, Inc. Direct-current to alternating-current inverter. 3,191,115, 6–22–65, Cl. 321—45.
Lloyd, Eugene A. Shaving lather applicator. 3,184,779, 5–25–65, Cl. 15—538.
Lloyd, Gordon R., to Esso Research and Engineering Co. Corrosion electro-potentiometer probe. 3,166,485, 1–19–65, Cl. 204—1.
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Lloyd, Henry, N. R. Williams, and C. C. H. Wheatley, to United Kingdom Atomic Energy Authority. Production of uranium oxide bodies. 3,194,852, 7–13–65, Cl. 264—21.
Lloyd, James E., and L. H. Brooks, to United Kingdom Atomic Energy Authority. Production of uranium dioxide. 3,192,010, 6–29–65, Cl. 23—14.5.
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Lloyd, William G., to The Dow Chemical Co. Water-soluble vinylbenzyl quaternary nitrogen polymers. 3,178,396, 4–13–65, Cl. 260—80.5.
Llubera Soler, Jose. Compressed air operated sandbox for locomotives. 3,210,109, 10–5–65, Cl. 291—11.
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Lo, Elizabeth S., to Minnesota Mining and Mfg. Co. Fluorine-containing polymers and preparation thereof. 3,178,399, 4–13–65, Cl. 260—87.7.
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Lobb, Earl D., to Texas Instruments Inc. Shunt motor control with current limiter. 3,222,585, 12–7–65, Cl. 318—308.
Lobbe, Armin, to Gewerkschaft Eisenhütte Westfalia. Coal plane assembly having shiftable upper cutters. 3,178,229, 4–13–65, Cl. 299—34.
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Lobel, Mervyn J. Chlorpromazine containing feed. 3,171,745, 3–2–65, Cl. 99—4.
Lobel, Mervyn J. Process for treating air sac disease. 3,171,781, 3–2–65, Cl. 167—53.1.
Lobelle, Marcel J. O., to M. L. Aviation Co. Ltd. Easily donned flying helmet. 3,167,069, 1–26–65, Cl. 128—141.
Lobelle, Marcel J. O., to M. L. Aviation Co. Ltd. Aircraft crash recorder unit. 3,181,809, 5–4–65, Cl. 244—1.
LoBello, Leon. Water carrier for farm tractor. 3,198,397, 8–3–65, Cl. 222—176.
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Lobo, Paul A., to Continental Oil Co. Preparation of aluminum particulates. 3,165,397, 1–12–65, Cl. 75—.5.
Lobodovsky, Konstantin K., and T. F. Roylance. Auxiliary phototypographical matrix. 3,218,951, 11–23–65, Cl. 95—85.
Lodocq, Marcel, to Ateliers de Constructions Electriques de Charleroi. Resinous-type terminal-bushing construction with encapsulated current transformer. 3,222,625, 12–7–65, Cl. 336—174.
Lobos, Zbigniew J., to Stop-Fire. Inc. Dry chemical fire extinguisher composition. 3,172,852, 3–9–65, Cl. 252—5.
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Lobur, Walter, to Elox Corp. of Michigan. EDM-time delay bias. 3,178,607, 4–13–65, Cl. 315—102.
Loch, Erwin, to Escher Wyss Aktiengesellschaft. Bearing bush suspension. 3,185,532, 5–25–65, Cl. 308—15.
Locher, Hans, to Zellweger Ltd. Apparatus utilizing capacitance measuring means for the continuous monitoring of elongate materials during production to permit determination of the deviation of the denier from a desired value. 3,185,924, 5–25–65, Cl. 324—61.
Locher, Hans, to Zellweger Ltd. Method and apparatus for measuring the denier of yarn using photosensitive or capacitive means. 3,221,171, 11–30–65, Cl. 250—219.
Locher, Ramuald B., Jr., and G. W. Nicoletti, Jr., to Holley Carburetor Co. Hydraulic speed governor with manual control. 3,194,252, 7–13–65, Cl. 137—18.
Locher, Ross E., to Zinsco Electrical Products. Roller actuated snap action electric toggle switch. 3,167,622, 1–26–65, Cl. 200—68.
Locher, Ross E., to Zinsco Electrical Products. Dual switch unit. 3,200,228, 8–10–65, Cl. 200—168.
Locher, Theodor. Built-in baking ovens. 3,205,884, 9–14–65, Cl. 126—19.
Lochhead, John L., to United States of America, Army. Replaceable gas system for firearms. 3,180,226, 4–27–65, Cl. 89—191.
Lochhead, John L., to United States of America, Army. Cartridge feeding mechanism for fixed-barrel, slide-operated guns. 3,221,603, 12–7–65, Cl. 89—33.
Lochinger, Rolf B., to Radio Corp. of America. Means for controlling an electron beam. 3,199,039, 8–3–65, Cl. 328—258.
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Lock, Richard G., to General Electric Co. Magnetron device with output coupling. 3,195,010, 7–13–65, Cl. 315—39.53.
Lockard, Ramona D., and H. Swatt. Interchangeable sole and upper for shoes. 3,204,346, 9–7–65, Cl. 36—2.5.
Locke, Arthur A.: *See*—
Wallace, Grace M., and D. H. and A. A. Locke. 3,177,868.
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Locke, Carl E., to Continental Oil Co. Anodic passivation of wetted wall vessels. 3,216,916, 11–9–65, Cl. 204—196.
Locke, David R., to Sperry Rand Corp. Cutter head attachment means. 3,191,296, 6–29–65, Cl. 30—34.2.
Locke, David R., to Sperry Rand Corp. Means for securing cutter head units to a mounting plate. 3,191,298, 6–29–65, Cl. 30—43.92.
Locke, David R., to Sperry Rand Corp. Mount for cutter drive member. 3,191,299, 6–29–65, Cl. 30—43.92.
Locke, David R., to Sperry Rand Corp. Guide means for inner cutter of a dry shaver. 3,191,300, 6–29–65, Cl. 30—43.92.
Locke, David R., and R. J. Tolmie, to Sperry Rand Corp. Multi-position electric switch with movable cam contact means. 3,206,563, 9–14–65, Cl. 200—6.
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Locke, Frank W., to Waldorf Paper Products Co. Paperboard slotting device. 3,180,194, 4–27–65, Cl. 83—373.
Locke, Frank W., to Waldorf Paper Products Co. Mailing folder. 3,199,765, 8–10–65, Cl. 229—40.
Locke, Frank W., W. H. Rasmussen, and H. R. Russell, to Waldorf Paper Products Co. Frozen poultry containers. 3,207,414, 9–21–65, Cl. 229—36.
Locke, Herbert G., to Gebruder Netzsch Maschinenfabrik. Mixing apparatus. 3,188,058, 6–8–65, Cl. 259—89.
Locke, John D. I., to Communications Patents Ltd. Backlighted display panels. 3,194,954, 7–13–65, Cl. 240—10.
Locke, Norbert. Bicycle exerciser accessory. 3,201,121, 8–17–65, Cl. 272—73.
Locke, Richard J. Device for servicing fire extinguishers. 3,208,314, 9–28–65, Cl. 81—3.
Locke, Robert A., G. Pohevitz, J. Kolar, P. H. Smith, and K. R. Strandberg, to Sperry Rand Corp. Keyboard controlled recording machine. 3,198,427, 8–3–65, Cl. 234—18.
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Lohbauer, Kenneth R., and J. E. Scheidt, to Caterpillar Tractor Co. Leakage control for bulldozer pitch jack circuit. 3,184,920, 5–25–65, Cl. 60—54.5.
Lohbeck, Al.: *See*—
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Lohf, Gerald W., P. F. Walker, and A. R. Ellsworth, to Allen-Bradley Co. Epicyclic clock drive mechanism. 3,184,909, 5–25–65, Cl. 58—2.
Lohkemper, Otto A., and M. J. Rapsis, to N. J. Thermex Co., Inc. Lamp structure. 3,213,272, 10–19–65, Cl. 240—51.11.
Lohman, Frank J.: *See*—
Cross, Dee H., Lohman, and Ward. 3,225,675.
Lohman, L. C.: *See*—
Snyder, John Y. 3,201,905.
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Snyder, John Y. 3,201,905.
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Cull, Neville L., Landry, Robson, Lohman, Nadler, and White. 3,168,586.
Sumerford, Simpson D., Ellert, and Lohman. 3,205,244.
Lohman, William J., Jr., to Chelsea Products, Inc. Fuse controlled safety disconnect switch. 3,171,924, 3–2–65, Cl. 200—142.
Lohmer, Karl, and G. Kolb, to Agfa Aktiengesellschaft. Production of photographic silver halide emulsions. 3,167,430, 1–26–65, Cl. 96—114.
Lohmer, Karl, and B. Morcher, to Agfa Aktiengesellschaft. Color reversal development process utilizing a preliminary development bath free of bromide ions. 3,183,087, 5–11–65, Cl. 96—22.
Lohneis, Earl R.: *See*—
Zankl, Frank, and Lohneis. 3,218,706.
Lohnes, Frank G.: *See*—
Schilling, Donald C., Lohnes, and Broderick. 3,190,560.
Lohnes, Howard E., to Hallmark Cards, Inc. Animated greeting card. 3,191,328, 6–29–65, Cl. 40—124.1.
Lohr, Albert, and A. Feiner. Barrage construction. 3,167,923, 2–2–65, Cl. 61—31.
Lohr & Bromkamp G.m.b.H.: *See*—
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Lohr, Ernst, and P. Schmidt. Wire coil binding machines. 3,208,484, 9–28–65, Cl. 140—93.6.
Lohr, Raymond J.: *See*—
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Lohr, Raymond J., and M. J. Condry, to Louis Marx & Co., Inc. Table tapping aerial projectile game apparatus. 3,172,664, 3–9–65, Cl. 273—95.
Lohr, Riley, to John H. Hartman, Jr. Spring motor drive. 3,216,528, 11–9–65, Cl. 185—37.
Lohr, Riley, to John H. Hartman, Jr. Spring motor drive. 3,216,529, 11–9–65, Cl. 185—39.
Lohr, Thomas E., to General Motors Corp. Compound motion seat adjuster. 3,167,297, 1–26–65, Cl. 248—419.
Lohr, Thomas E., to General Motors Corp. Linear relay actuator. 3,207,961, 9–21–65, Cl. 317—191.
Lohr, Thomas E., to General Motors Corp. Method for making elastic fabric-like sheet material. 3,213,168, 10–19–65, Cl. 264—70.
Lohr, Thomas E., and R. O. Umanos, to General Motors Corp. Combination seat belt anchoring and seat braking mechanism. 3,186,760, 6–1–65, Cl. 297—216.
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Löhrer, Hardy. Stopper for closing containers, such as bottles, flasks and the like. 3,164,278, 1–5–65, Cl. 215—41.
Lohrke, James L. Novelty yarn. 3,205,648, 9–14–65, Cl. 57—139.
Lohry, Kermit D., L. W., and R. Q. Pump. 3,207,083, 9–21–65, Cl. 103—175.
Lohry, Leslie W.: *See*—
Lohry, Kermit D., L. W., and R. Q. 3,207,083.
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Lohry, Kermit D., L. W., and R. Q. 3,207,083.
Lohse, Georg: *See*—
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Lohse, Paul, and M. Nussbaum, to Fr. Hesser Maschinenfabrik-Aktiengesellschaft. Bag filling and closing machine. 3,201,914, 8–24–65, Cl. 53—187.
Lohse, Paul, and O. Rothermel, to Fr. Hesser Maschinenfabrik-Aktiengesellschaft. Apparatus for closing bags of heat sealable packaging material. 3,220,161, 11–30–65, Cl. 53—373.
Lokey, Burke P., to West Virginia Pulp and Paper Co. Multiwall bag. 3,217,970, 11–16–65, Cl. 229—62.
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Lok Trim Corp.: *See*—
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Freeman, Paul E. 3,195,968.
Löliger, Willi, to Alpura AG. Apparatus for sterile packing of sterile goods. 3,164,936, 1–12–65, Cl. 53—180.
Loliger, Willi, to Alpura AG. Sterilizable homogenizing pump. 3,180,273, 4–27–65, Cl. 103—153.
Löliger, Willi, and W. Regez, to Alpura AG. Method of sterile packing of sterile goods. 3,163,971, 1–5–65, Cl. 53—28.
Löliger, Willi, and R. Schmied, to Alpura AG. Homogenizing apparatus. 3,174,506, 3–23–65, Cl. 137—563.
Lollert, Franz. Vehicle headlamp and incandescent lamp for the same. 3,206,595, 9–14–65, Cl. 240—41.25.
Lomar, Stig B. S., and I. O. Andersson, to Skanska Cementgjuteriet, AB. Reinforced plastic covering plate. 3,171,772, 3–2–65, Cl. 161—113.
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Selley, Wilbur-Webb. 3,175,295.
Lomax, Jules S., to United Aircraft Corp. Calibration device. 3,212,318, 10–19–65, Cl. 73—3.
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Mitchell, George A. 3,191,409.
Mitchell, George A. 3,216,234.
Lombard, Daniel L. Telephone message time recording apparatus. 3,185,769, 5–25–65, Cl. 179—7.1.
Lombard, Daniel L. Recording apparatus. 3,185,770, 5–25–65, Cl. 179—7.1.
Lombardi, Louis J., H. J. Wright, and P. F. Westfall, to Cook Paint & Varnish Co. Coating compositions comprising carboxyl containing copolymer, epoxide and amino resin. 3,215,756, 11–2–65, Cl. 260—834.
Lombardo, Paul A., to United States of America, Navy. Collapsible anchor and buoy. 3,212,110, 10–19–65, Cl. 9—8.
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Loncrini, Donald F., to General Electric Co. Cupric and zinc-bis (trimellitate) dianhydrides. 3,182,074, 5–4–65, Cl. 260—346.3.
Londal, Ralph K., to Holley Carburetor Co. Hydraulic resistors. 3,225,778, 12–28–65, Cl. 137—54.

Londo, Lloyd H. Mechanical fruit tree picker. 3,174,269, 3–23–65, Cl. 56—328.
London, Alvan G., to Applied Power Industries, Inc. Release-relief valve. 3,175,582, 3–30–65, Cl. 137—599.2.
London, Heinz, to United Kingdom Atomic Energy Authority. Refrigerator employing helium. 3,195,322, 7–20–65, Cl. 62—467.
London, Seymour B. Blood pressure monitor. 3,202,148, 8–24–65, Cl. 128—2.05.
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Long, Alfred B., to Bass Bros. Enterprises, Inc. Drilling mud degasser. 3,201,919, 8–24–65, Cl. 55—46.
Long, Alfred B., to Bass Bros. Enterprises, Inc. Mud treating device. 3,213,594, 10–26–65, Cl. 55—169.
Long, Arch O., Sr. Method and apparatus for feeding flatwork ironers. 3,198,315, 8–3–65, Cl. 198—102.
Long, Arthur H., and A. Shashaty, to Wm. K. Stamets Co. Workpiece consecutive selection and alignment machine. 3,186,332, 6–1–65, Cl. 100—7.
Long, Bernard, to Glaces de Boussois, S. A. Method and apparatus for heat treatment of glass. 3,174,839, 3–23–65, Cl. 65—114.
Long, Bernard, to Glaces de Boussois, S. A. Apparatus and process for differential tempering of glass. 3,174,840, 3–23–65, Cl. 65—115.
Long, Bernard, to G.B.D. Societe Anonyme Holding. Process and apparatus for making sheet glass. 3,183,072, 5–11–65, Cl. 65—333.
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Long, Charles A. Internal pressure seal for pressure vessels. 3,185,337, 5–25–65, Cl. 220—46.
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Long, Clarence E., and T. E. Gleason, to T. E. Gleason, as trustee. Pay telephone coin receptacle. 3,171,591, 3–2–65, Cl. 232—1.
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Long, Elton B., to J. I. Case Co. Power actuated loader. 3,216,597, 11–9–65, Cl. 214—140.
Long, Elton B., to J. I. Case Co. Material handling apparatus. 3,220,580, 11–30–65, Cl. 214—140.
Long, Ernest T., to United States of America, Navy. Lanyard operated latch. 3,206,820, 9–21–65, Cl. 24—230.
Long, Erwin L. Means for maintaining perma-frost foundations. 3,217,791, 11–16–65, Cl. 165—45.
Long, Everett, to The English Electric Co. Ltd. Charging system for nuclear reactor. 3,200,044, 8–10–65, Cl. 176—30.
Long, Everett, and W. Rodwell, to United Kingdom Atomic Energy Authority. Assembly comprising a heat source and associated apparatus. 3,185,631, 5–25–65, Cl. 176—65.
Long, Everett, T. C. Greaves, and W. J. Knight, to The English Electric Co. Ltd. Nuclear reactor fuelling apparatus. 3,194,741, 7–13–65, Cl. 176—30.
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Long, Fleming D., to Container Corp. of America. Feed mechanism for medium fluter. 3,189,507, 6–15–65, Cl. 156—596.
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Long, Harvey S.: *See*—
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Long, Hugh M., and S. L. Wilson, to Union Carbide Corp. Cryogenic refrigerator. 3,182,462, 5–11–65, Cl. 62—55.
Long, James, to General Electric Co. Motor acceleration control for a tensioning system. 3,187,243, 6–1–65, Cl. 318—6.
Long, James, to General Electric Co. Circuit for generating an inverse signal utilizing a multiplier ercuit. 3,192,482, 6–29–65, Cl. 328—160.
Long, James A., and M. B. McDonald, to Sylvania Electric Products, Inc. Resilient helix mount for traveling wave tube. 3,209,198, 9–28–65, Cl. 315—3.5.
Long, James D., and D. W. Young, Jr., to The Bendix Corp. Pulse type radar time-measuring system. 3,165,739, 1–12–65, Cl. 343—13.
Long, John B., and A. N. Blair, to Marmon-Herrington Co., Inc. Continuous miner having pivotally mounted head. 3,169,796, 2–16–65, Cl. 299—31.
Long, John C. Container support. 3,209,935, 10–5–65, Cl. 215—100.
Long, John G. and W. R., and P. J. T. Rawlins, to Long Mfg. Co. Tobacco barn. 3,216,130, 11–9–65, Cl. 34—213.
Long, John R., to Shuford Mills, Inc. Traverse and tension control for winding machines. 3,203,163, 8–31–65, Cl. 57—98.
Long, Kenneth A., and S. Wilder, Jr., to Aluma Corp. Poultry crate. 3,217,919, 11–16–65, Cl. 220—6.
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Long, William R. 3,203,562.
Long, William R., and Rawlins. 3,215,288.
Long, Marshall. Anchoring structure for building slabs. 3,199,259, 8–10–65, Cl. 52—283.
Long, Marshall, to International Lift Slab Corp. System for elevating building components. 3,201,088, 8–17–65, Cl. 254—89.
Long, Olan L., and G. P. Rogers, to Westinghouse Electric Corp. Dishwasher pump and filter. 3,210,009, 10–5–65, Cl. 239—124.
Long, Paul J., Jr., to General Motors Corp. Rod seal for shock absorber. 3,203,511, 8–31–65, Cl. 188—100.
Long, Paul J., Jr., to General Motors Corp. Shock absorber. 3,213,972, 10–26–65, Cl. 188—88.
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Long, Robert A., C. M. Lovendusky, and J. R. Vickery, to AMP Inc. Lead-making method and apparatus. 3,204,-334, 9–7–65, Cl. 29—509.
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Long, Robert B., to Esso Research and Engineering Co. Process for separating ethylbenzene from xylene mixtures using antimony halides. 3,175,018, 3–23–65, Cl. 260—674.
Long, Robert B., to Esso Research and Engineering Co. Reactor coolant system. 3,198,710, 8–3–65, Cl. 176—39.
Long, Robert B., to Esso Research and Engineering Co. Separation of hydrocarbons. 3,206,521, 9–14–65, Cl. 260—681.5.
Long, Robert J., to Crestmont Consolidated Corp. Tape controlled programmer. 3,164,731, 1–5–65, Cl. 307—115.
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Buell, Bennett G., and Long. 3,222,371.
Long, Roger A., to Whittaker Corp. Ceramic micaceous material. 3,189,470, 6–15–65, Cl. 106—39.
Long, Roger A., to Whittaker Corp. Composite ceramic body and method of forming the same. 3,213,337, 10–19–65, Cl. 317—234.
Long, Russell F. Concrete batch plant. 3,207,327, 9–21–65, Cl. 214—2.
Long, Spencer W., to Armco Steel Corp. Hook positioner. 3,202,446, 8–24–65, Cl. 294—82.
Long, Wallace E.: *See*—
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Long, Wayne J., to Borg-Warner Corp. Pilot operated relief valve with auxiliary pilot control. 3,180,355, 4–27–65, Cl. 137—491.
Long, Wendell P., to Hercules Powder Co. Olefin copolymerization process. 3,203,940, 8–31–65, Cl. 260—88.2.
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Long, William R., to Long Mfg. Co. Grain bin loader and unloader. 3,198,313, 8–3–65, Cl. 198—64.
Long, William R., to Long Mfg. Co. Bulk rack tobacco harvester. 3,203,562, 8–31–65, Cl. 214—5.5.
Long, William R., and P. J. T. Rawlins, to Long Mfg. Co. Tobacco harvester with coacting conveyors and tobacco receiving means having an open side. 3,215,288, 11–2–65, Cl. 214—5.5.
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Longacre, Andrew, and J. D. Rodems, to United States of America, Army. Monopulse resolution improvement. 3,212,089, 10–12–65, Cl. 343—16.
Longcroft, Cecil T., to Daniel Roger Hegelbacher. System for ascertaining from a distance the electrical conditions of a switching device. 3,206,729, 9–14–65, Cl. 340—166.
Longden, Harold A., to Concast A.G. Production of effervescing steel. 3,189,956, 6–22–65, Cl. 22—200.1.
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Longenecker, Levi S. Open hearth utilization. 3,219,439, 11–23–65, Cl. 75—60.

Longert, Christian L. Device for the mechanical processing of standing trees. 3,181,578, 5–4–65, Cl. 144—2.
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Longfellow, Herbert W., to General Electric Co. Electroluminescent lamp manufacture. 3,226,272, 12–28–65, Cl. 156—67.
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Longini, Richard L., to Westinghouse Electric Corp. Sequential trip semiconductor device. 3,201,596, 8–17–65, Cl. 307—88.5.
Longini, Richard L., A. I. Bennett, W. J. Smith, and J. J. Coleman, to Westinghouse Electric Corp. Apparatus for the continuous dendritic growth of crystalline material. 3,194,637, 7–13–65, Cl. 23—273.
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Nason, Tucker E., and Starriett. 3,182,702.
Smyth, George F. 3,182,703.
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Willmon, L. D. 3,200,422.
Longo, Michele, and N. D'Addona. Magnetic picture frame and sign. 3,187,449, 6–8–65, Cl. 40—10.
Longstreth, Murrey O., to The Dow Chemical Co. Gear pump devolatilizing method and apparatus. 3,177,127, 4–6–65, Cl. 202—53.
Longsworth, Ralph C., to Carrier Corp. Motor mounting means. 3,206,147, 9–14–65, Cl. 248—18.
Longsworth, Ralph C., to Carrier Corp. Motor mounting means. 3,206,148, 9–14–65, Cl. 248—78.
Longuemare, Robert N., Jr., and J. Canzoneri III, to United States of America, Navy. Wide bandwidth limiting circuit. 3,195,057, 7–13–65, Cl. 328—173.
Longworth, James L., to Western Electric Co., Inc. Method of correcting a half-tone print for reproduction. 3,212,891, 10–19–65, Cl. 96—27.
Longworth, Robert, to Safety Automatic Fire Escapes, Ltd. Lowering apparatus. 3,188,052, 6–8–65, Cl. 254—157.
Longworth Scientific Instrument Co. Ltd.: *See*—
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Lonke, Aharon, and H.-Z. Gillon. Attachment for coin-controlled apparatus. 3,194,249, 7–13–65, Cl. 133—4.
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Look, Melvin, to Fundamental Research Co. Preparation of hexachlorocyclopentadiene adducts of beta-substituted naphthalenes. 3,177,246, 4–6–65, Cl. 260—515.
Looker, Robert, to Brown-Line Corp. Cargo securing arrangement. 3,173,539, 3–16–65, Cl. 206—65.
Looker, Robert, to Brown-Line Corp. Method of interconnecting members with a grooved pin and reformable collar. 3,204,331, 9–7–65, Cl. 29—446.
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Loomans, Bernard A., and A. K. Brennan, Jr., to Baker Perkins Inc. Continuous mixer. 3,198,491, 8–3–65, Cl. 259—6.
Loomans, Robert E., to Deere & Co. Adjustable shovel wings. 3,180,291, 4–27–65, Cl. 111—85.
Loomans, Robert E., to Deere & Co. Covering devices for grain drills. 3,201,119, 8–24–65, Cl. 111—85.
Loomis, David G., and E. J. Rogers. Apparatus for molding powered materials. 3,172,153, 3–9–65, Cl. 18—5.
Loomis, Eugene C.: *See*—
Maxwell, Richard E., and Loomis. 3,208,908.
Loomis, Glenn L. Testing tool for well pipe or the like. 3,165,918, 1–19–65, Cl. 73—40.5.
Loomis, Glenn L. Method and apparatus for testing well pipe such as casing or flow tubing. 3,165,919, 1–19–65, Cl. 73—40.5.
Loomis, Glenn L. Tool for testing pipe with water and gas simultaneously. 3,165,920, 1–19–65, Cl. 73—40.5.
Loomis, Glenn L., deceased; J. D. Loomis, independent executrix, to J. D. Loomis. Automatic connect and disconnect apparatus for hydraulic testing tools. 3,193,015, 7–6–65, Cl. 166—67.
Loomis, Glenn L., deceased; J. D. Loomis, executrix, to J. D. Loomis. Method for making and testing a pipeline. 3,193,917, 7–13–65, Cl. 29—407.
Loomis, Glenn L., deceased; J. D. Loomis, executrix, to J. D. Loomis. Method of locating leaks and repairing well tubing in situ. 3,194,310, 7–13–65, Cl. 166—4.
Loomis, Glenn L., deceased, by J. D. Loomis, executrix, to J. D. Loomis. Packer back-up ring structure. 3,195,645, 7–20–65, Cl. 166—201.
Loomis, Glenn L., deceased; J. D. Loomis, executrix, to J. D. Loomis. Apparatus for testing and repairing well pipes. 3,199,598, 8–10–65, Cl. 166—147.
Loomis, Jack E., to Clark Equipment Co. Drive-steer wheel. 3,193,040, 7–6–65, Cl. 180—66.
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Loomis, Glenn L. 3,199,598.
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Loosli, Stanley, ½ each, to H. A. Huebner, and R. M. Worrel. Material handling apparatus. 3,184,029, 5–18–65, Cl. 198—9.
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Lopater, Benno. Windshield-washer device constituted by a reservoir with pump. 3,193,158, 7–6–65, Cl. 222—330.
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Loper, Lyle E. Feeding mechanism for printing press. 3,169,018, 2–9–65, Cl. 271—27.
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Lopez, Robert, to Aqua-Flite Hydrofoil Corp. Hydrofoil system for outboard boat. 3,164,118, 1–5–65, Cl. 114—66.5.
Lopker, Edwin B. Non-metal valve. 3,224,462, 12–21–65, Cl. 137—625.19.
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Loposer, Thomas L., to Ling-Temco-Vought, Inc. Frequency synthesis using fractional division by digital techniques within a phase-locked loop. 3,217,267, 11–9–65, Cl. 331—16.
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Lord, John G. Voting machine. 3,170,622, 2–23–65, Cl. 235—50.
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Lorenz, Ben, and J. W. Barry, to United States of America, Navy. Animated transparency for teaching foreign languages demonstrator. 3,197,890, 8–3–65, Cl. 35—35.
Lorenz, Charles A., and C. G. Hockett, to Reynolds Metals Co. Building system with ventilating means. 3,196,773, 7–27–65, Cl. 98—32.
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Lorenz, Jerome L., to Ranco Inc. Electrically powered bistable thermal relay switch. 3,222,481, 12–7–65, Cl. 200—122.
Lorenz, John C., to E. I. du Pont de Nemours and Co. Diamine cured fluid polyether urethane compositions. 3,188,-302, 6–8–65, Cl. 260—77.5.
Lorenz, John W., to The Trane Co. Air conditioning system and pump controls therefor. 3,191,667, 6–29–65, Cl. 165—22.
Lorenz, John W., to The Trane Co. Pump control system. 3,191,668, 6–29–65, Cl. 165—22.
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Lorenz, Walter, and G. Schrader, to Farbenfabriken Bayer Aktiengesellschaft. S-benzylthiomethyl neutral esters of thiophosphorus pentavalent acids. 3,171,853, 3–2–65, Cl. 260—461.
Lorenz, Walter, H.-G. Schicke, and G. Schrader, to Farbenfabriken Bayer Aktiengesellschaft. Alkyl-(mercapto, sulfoxy, sulfonyl)-acetic acid amide-S-esters of phosphorus acids. 3,197,498, 7–27–65, Cl. 260—461.
Lorenz, Walter, and G. Schrader, to Farbenfabriken Bayer Aktiengesellschaft. Thionophosphonic acid esters and a process for their production. 3,202,658, 8–24–65, Cl. 260—248.
Lorenz, Walter, and G. Schrader, to Farbenfabriken Bayer Aktiengesellschaft. Phosphonic acid esters and process for their production. 3,216,894, 11–9–65, Cl. 167—22.
Lorenz, Wilhelm T., to R.I.V. Anstalt zur Verwaltung von Real- und Immaterialvermogen. Fluid regulator. 3,198,-214, 8–3–65, Cl. 138—37.
Lorenz, Wilhelm T., to R.I.V., Anstalt zur Verwaltung von Real-und Immaterialvermogen. Damping device. 3,220,517, 11–30–65, Cl. 188—97.
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Wickenberg, Chester H., and Lorenzana. 3,224,360.
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Lorenzen, Coby, I. J. Szluka, and F. L. Hill, to The Regents of the University of California. Separating conveyor for a tomato harvester. 3,203,430, 8–31–65, Cl. 130—30.
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Los, Johannes. Mass flow meter. 3,187,569, 6–8–65, Cl. 73—196.

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Loss, Isidor R., to Ingersoll-Rand Co. Liquids-solids pump. 3,196,799, 7–27–65, Cl. 103—107.

Loss, Isidor R., to Ingersoll-Rand Co. Air providing system for metal converters. 3,197,123, 7–27–65, Cl. 230—114.

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Loudon, Donald C., to The Bendix Corp. Electrical apparatus. 3,186,397, 6–1–65, Cl. 123—148.

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Loughary, Roy G. Anti-scraper device for motor vehicles. 3,204,982, 9–7–65, Cl. 280—150.

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Loughlin, Bernard D., to Hazeltine Research, Inc. Screen structure for constant luminance color receiver. Re. 25,-775, 5–11–65, Cl. 178—5.4.

Loughlin, Bernard D., to Hazeltine Research, Inc. Muting circuit for signal-translating apparatus. 3,181,067, 4–27–65, Cl. 325—348.

Loughlin, Bernard D., to Hazeltine Research, Inc. Mono-stereo control apparatus for FM multiplex signal receiver system. 3,219,760, 11–23–65, Cl. 179—15.

Loughlin, Bernard D., and E. J. Duffy, to Hazeltine Research, Inc. Mono-stereo control apparatus for an F.M. stereo signal receiver system. 3,187,103, 6–1–65, Cl. 179—15.

Loughlin, Bernard D., and C. G. Gorss, to Hewlett-Packard Co. Ultra-high frequency variable reactance. 3,204,162, 8–31–65, Cl. 317—251.

Loughlin, Bernard D., and C. R. Wilhelmsen, to Hazeltine Research, Inc. Internally synchronized gated clock oscillator. 3,215,947, 11–2–65, Cl. 331—51.

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Loughran, Robert H., to Lockheed Aircraft Corp. Hybrid rocket engine. 3,178,885, 4–20–65, Cl. 60—35.6.

Louie, De Yip G. Bait casting device. 3,214,858, 11–2–65, Cl. 43—41.2.

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Louis, Arnold S. Electrically conductive terminal means. 3,174,126, 3–16–65, Cl. 338—312.

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Louthan, Rector P., to Phillips Petroleum Co. Recovery of amino-substituted alkanethiols by distillation with a solvent. 3,165,451, 1–12–65, Cl. 202—50.
Louthan, Rector P., to Phillips Petroleum Co. Preparation of mercaptan and thio ether compounds. 3,219,709, 11–23–65, Cl. 260—609.
Louthan, Rector P., to Phillips Petroleum Co. Preparation of mercaptans and thio-ether amino compounds. 3,221,056, 11–30–65, Cl. 260—583.
Louton, James C., Jr., to General Motors Corp. Convertible top assembly. 3,177,034, 4–6–65, Cl. 296—117.
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Cayton, Robert J. 3,192,784.
Cayton, Robert J. 3,205,935.
Louzecky, Paul J., to Nordberg Mfg. Co. Electric clutch and automatic starting for engines. 3,177,997, 4–13–65, Cl. 192—84.
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Louzil, Friedrich, to North American Philips Co., Inc. Attachment for magnetic recorder tape. 3,179,417, 4–20–65, Cl. 274—1.
Louzil, Friedrich, to North American Philips Co., Inc. Self threading type tape recorder/reproducer. 3,195,792, 7–20–65, Cl. 226—92.
Louzil, Friedrich, to North American Philips Co. Inc. Recording and reproducing apparatus. 3,195,825, 7–20–65, Cl. 242—55.13.
Louzil, Friedrich, to North American Philips Co. Inc. Take up arrangement for tape recorders. 3,214,108, 10–26–65, Cl. 242—55.12.
Louzos, Demetrios V.: *See*—
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Lovasco, John. Toggle switch insulator. 3,188,438, 6–8–65, Cl. 200—168.
Lovci, John C., and A. A. Yurek. Information transfer system. 3,209,161, 9–28–65, Cl. 307—88.5.
Lovci, John C., and A. A. Yurek. Teletype current supply system. 3,226,563, 12–28–65, Cl. 307—88.5.
Lovdahl, Kenneth P. Collapsible ramp and stair units. 3,176,334, 4–6–65, Cl. 14—71.
Love, Dane L.: *See*—
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Love, Evert L., and H. E. Emge. Handloaders cartridge case gauge device. 3,217,417, 11–16–65, Cl. 33—143.
Love, Gene A. Race clearing shuttle device for sewing machines. 3,176,642, 4–6–65, Cl. 112—232.
Love, Gordon W. Combined self-locking sash balance and sash guide device. 3,183,559, 5–18–65, Cl. 20—52.2.
Love, Herbert W., and A. H. Tully. Friction heat generator. 3,164,147, 1–5–65, Cl. 126—247.
Love, John. Auxiliary valves for internal combustion engines. 3,167,059, 1–26–65, Cl. 123—75.
Love, John. Grid bias and screen control for electronic amplifiers. 3,174,113, 3–16–65, Cl. 330—128.
Love, John. Input valve systems for internal combustion engines. 3,211,137, 10–12–65, Cl. 123—75.
Love, Leslie G. Apparatus for positioning building board. 3,178,038, 4–13–65, Cl. 214—1.
Love, Leslie G. Apparatus for positioning building board. 3,221,900, 12–7–65, Cl. 214—1.
Love, Mahlon L., to Deere & Co. Forage wafering machine. 3,202,113, 8–24–65, Cl. 107—14.
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Love, Richard R. Tandem axle for trailer. 3,206,222, 9–14–65, Cl. 280—81.
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Love, Robert W., to General Electric Co. Glass tube severing apparatus. 3,172,589, 3–9–65, Cl. 225—93.5.
Love, Roger R., to N.J.E. Corp. Three-phase generator. 3,207,972, 9–21–65, Cl. 321—5.
Loveall, George A., Jr., and E. E. Davis, to Engineered Equipment, Inc. Material flow sensing and control device for belt-type conveyors. 3,185,346, 5–25–65, Cl. 222—55.
Loveall, George A., Jr., and D. F. Heath, to Engineered Equipment Inc. Control means for forced concrete systems. 3,211,337, 10–12–65, Cl. 222—61.
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Lovelace, Joe B., and W. E. Patterson, to Pittsburgh Plate Glass Co. Method of applying an aqueous size to strands formed of glass filaments and product produced thereby. 3,167,468, 1–26–65, Cl. 161—175.
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Loveland, Malcolm W., to Atlas Pacific Engineering Co. Fruit pitting machine. 3,180,477, 4–27–65, Cl. 198—33.
Loveland, Malcolm W., to Atlas-Pacific Engineering Co. Fruit orientor. 3,198,312, 8–3–65, Cl. 198—33.
Loveland, Roger S., to Honeywell Inc. Pilot burner-thermocouple combination. 3,173,472, 3–16–65, Cl. 158—123.
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Loveless, Gerald F. Reciprocating motion generator. 3,173,300, 3–16–65, Cl. 74—61.
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Lovell, Calvin H., to G. D. Searle & Co. Hydrazides of 4-aminomorpholine. 3,164,590, 1–5–65, Cl. 260—247.1.
Lovell, Calvin H., to G. D. Searle & Co. Hydrazides of 4-substituted 1-aminopiperazines. 3,200,120, 8–10–65, Cl. 260—268.
Lovell, Calvin H., to G. D. Searle & Co. Disubstituted-alkanoyl hydrazides of 1-aminopiperazines. 3,200,121, 8–10–65, Cl. 260—268.
Lovell, Clarence A., to Bell Telephone Laboratories, Inc. Contact controllable switching arrangement. 3,211,962, 10–12–65, Cl. 317—137.
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Lovell, Ernest E., to The Delman Co. Reciprocating valve assembly. 3,184,216, 5–18–65, Cl. 251—347.
Lovell, Homer C., and A. Peters. Modified portable wet standpipe for fire protection aboard ship. 3,171,430, 3–2–65, Cl. 137—355.12.
Lovell, James B., to American Cyanamid Co. Insecticidal and nematocidal phosphinyl imides. 3,197,365, 7–27–65, Cl. 167—33.
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Lovell, Walter C. Packaging and novel container employed therewith. 3,220,544, 11–30–65, Cl. 206—46.
Lovell, Wheeler G., to Ethyl Corp. Method of operating compression ignition engine. 3,202,141, 8–24–65, Cl. 123—1.
Lovelock, James E., to National Research Development Corp. Ultraviolet gas analysis using a flow-through type ionization chamber. 3,171,028, 2–23–65, Cl. 250—83.6.
Lovelock, James E., to National Research Development Corp. Apparatus for detecting and analysing low gaseous concentrations. 3,176,135, 3–30–65, Cl. 250—83.6.
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Lo Vetere, Samuel A. Electronic circuit testing apparatus. 3,206,707, 9–14–65, Cl. 339—28.
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Lovett, William E., and G. F. Harrington, to Economation, Inc. Container partition assembling apparatus. 3,225,665, 12–28–65, Cl. 93—37.
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Lovick, Robert C., and J. R. Peer, to Eastman Kodak Co. Sound recording motion picture film with anti-halation layer thereon. 3,220,843, 11–30–65, Cl. 96—84.
Lovie, Richard H.: *See*—
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Loving, Frank A., R. C. Preuss, and H. L. Schaaf, to E. I. du Pont de Nemours and Co. Contoured spool for supporting sheet explosive. 3,218,972, 11–23–65, Cl. 102—22.
Loving, Frank A., Jr., to E. I. du Pont de Nemours and Co. Noise-reducing structure. 3,165,916, 1–19–65, Cl. 73—35.
Loving, Joe H., to General Inspection Laboratories, Inc. Ultrasonic inspection apparatus for elongate members. 3,224,254, 12–21–65, Cl. 73—71.5.
Loving, John M. Testing and teaching method and apparatus therefor. 3,188,754, 6–15–65, Cl. 35—48.
Lovinggood, Burton P.: *See*—
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Lovingham, Joseph J.: *See*—
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Lovingham, Joseph J., to Thiokol Chemical Corp. Rocket thrust chamber construction. 3,218,799, 11–23–65, Cl. 60—35.6.
Lovingham, Joseph J., and H. A. Jatczak, to Thiokol Chemical Corp. Combustion improvement device. 3,168,808, 2–9–65, Cl. 60—35.6.
Lovins, Gerald H.: *See*—
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Low, Charles A., Jr., and W. R. Mickelson, to United States of America, National Aeronautics and Space Administration. Electrostatic propulsion system with a direct nuclear electro generator. 3,184,915, 5–25–65, Cl. 60—35.5.
Low, Frank D., to General Electric Co. Control circuits for automatic clothes washing machines. 3,178,914, 4–20–65, Cl. 68—12.
Low, Frank D., to General Electric Co. Control circuits for automatic clothes washing machines. 3,220,228, 11–30–65, Cl. 68—12.
Low, Frank L., to General Electric Co. Control circuits for automatic clothes washing machines. 3,220,226, 11–30–65, Cl. 68—12.
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Low, John L., III. Concrete forms and components thereof. 3,211,413, 10–12–65, Cl. 249—41.
Low, Kenneth B., Jr., and C. Goetz-Gabor. Music note pitch teaching device. 3,180,201, 4–27–65, Cl. 84—477.
Low, Paul R., and R. Rice, to International Business Machines Corp. Photosensitive ring circuit. 3,222,527, 12–7–65, Cl. 250—209.
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Lowe, Charles T. Musical instrument. 3,191,480, 6–29–65, Cl. 84—318.
Lowe, Charles T. Musical instrument. 3,205,751, 9–14–65, Cl. 84—318.
Lowe, Earl R. Diaphragm chuck and gauge. 3,172,674, 3–9–65, Cl. 279—1.
Lowe, Edison, and E. L. Durkee, to United States of America, Agriculture. Method for piercing peas. 3,190,331, 6–22–65, Cl. 146—242.
Lowe, Edison, E. L. Durkee, and W. E. Hamilton, to United States of America, Agriculture. Method and apparatus for treating foods with gaseous media. 3,217,421, 11–16–65, Cl. 34—20.
Lowe, James, to Anaconda Wire and Cable Co. Extrusion apparatus. 3,187,382, 6–8–65, Cl. 18—12.
Lowe, James H. Thermal switch utilizing a housing with an opening in which a thermal element supports a spring by a contact means. 3,201,549, 8–17–65, Cl. 200—142.
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Beaudoin, Jean P. 3,164,293.
Roth, Ernest J. 3,196,810.
Lowe, Nicholas, and F. T. Bartolomeo, deceased (by J. A. Bartolomeo, executrix). Apparatus for making smoking articles. 3,199,515, 8–10–65, Cl. 131—94.
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Lowe, Warren: *See*—
Stuart, Frank A., and Lowe. 3,208,945.
Stuart, Frank A., Stewart, Lowe, and Kavanagh. 3,189,586.
Lowe, Warren, to California Research Corp. Lubricants for reducing corrosion. 3,184,411, 5–18–65, Cl. 252—46.7.
Lowe, Warren, and F. A. Stuart, to California Research Corp. Lubricants inhibited against oxidation. 3,184,412, 5–18–65, Cl. 252—46.7.
Lowe, Warren, and F. A. Stuart, to California Research Corp. Oxidation resistant lubricants. 3,185,643, 5–25–65, Cl. 252—32.7.
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Lowell, Charles A., to Western Electric Co., Inc. Transfer device. 3,171,436, 3–2–65, Cl. 137—604.
Lowell, Herman H. Sound reproduction apparatus. 3,190,971, 6–22–65, Cl. 179—100.41.
Lowell, Mahlon A., to Acme Industries, Inc. In-duct fan. 3,199,774, 8–10–65, Cl. 230—117.
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Lowenthal, Hans., to Colibri Lighters Ltd. Cigarette lighters. 3,180,117, 4–27–65, Cl. 67—7.1.
Lowenthal, Hans, to Colibri Lighters Ltd. Gas burning cigarette lighters. 3,200,620, 8–17–65, Cl. 67—7.1.
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Lower, George W., to American Cyanamid Co. Leaching of copper from ores with cyanide and recovery of copper from cyanide solutions. 3,189,435, 6–15–65, Cl. 75—2.
Lower, James H., to Three G Corp. Seat-belt buckle. 3,165,805, 1–19–65, Cl. 24—230.
Lowery, Alexander B., to Greenlife Products Co. Portable cultivating implement. 3,181,620, 5–4–65, Cl. 172—375.
Lowery, Charley. Walking beam safety switch. 3,192,336, 6–29–65, Cl. 200—61.48.
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Cacchillo, Anthony F., Leeson, and Lowery. 3,180,797.
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Lowes, Edward J., to James Armstrong & Co. Ltd. Washing machines. 3,199,319, 8–10–65, Cl. 68—210.
Lowes, Fred J., Jr., to The Dow Chemical Co. Liquid-solid propellant rocket case and method. 3,182,445, 5–11–65, Cl. 60—35.3.
Lowes, Fred J., Jr., to The Dow Chemical Co. Bacteriostatic compositions of acrylonitrile polymers and 2,4-dihydroxybenzophenone. 3,192,180, 6–29–65, Cl. 260—45.95.
Lowes, Fred J., Jr., to The Dow Chemical Co. Bacteriostatic acrylonitrile polymers. 3,197,430, 7–27–65, Cl. 260—45.95.
Lowes, Fred J., Jr., to The Dow Chemical Co. Bacteriostatic compositions of acrylonitrile polymers and 2,2′-thiobis(4,5-dichlorophenol). 3,198,764, 8–3–65, Cl. 260—45.95.
Lowes, Fred J., Jr., to The Dow Chemical Co. Bacteriostatic acrylonitrile polymers. 3,198,765, 8–3–65, Cl. 260—45.95.
Lowes, Fred J., Jr., to The Dow Chemical Co. Flame-resistant acrylonitrile polymer compositions containing polybromocyclohexanes and calcium phosphates. 3,213,052, 10–19–65, Cl. 260—29.6.
Lowes, Fred J., Jr. High acrylonitrile polymer solutions containing polyoxyalkylene glycols. 3,220,917, 11–30–65, Cl. 161—165.
Lowey, Francis J. Vehicle brake. 3,196,986, 7–27–65, Cl. 188—77.
Lowey, Hans. Powder based tablets. 3,166,476, 1–19–65, Cl. 167—82.
Lowey, Hans. Method of making effervescent calcium cyclamate tablets. 3,173,797, 3–16–65, Cl. 99—141.
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Lowrey, William E., to ACF Industries, Inc. Ball valve seat. 3,226,080, 12–28–65, Cl. 251—309.
Lowrie, Harman S., to G. D. Searle & Co. Process for the preparation of 3-phenyl-4-hydroxycinnoline. 3,167,552, 1–26–65, Cl. 260—250.
Lowrie, Harman S., to G. D. Searle & Co. Derivatives of dibenzo [c,f] [1,2] diazepine and dibenzo [c,g] [1,2] diazocine, 3,170,929, 2–23–65, Cl. 260—310.
Lowrie, Harman S., to G. D. Searle & Co. Derivatives of dibenzo [1,4,5] thiadiazepine, dibenzo [1,4,5] oxadiazepine and dibenzo [1,2,5] triazepine. 3,170,930, 2–23–65, Cl. 260—310.
Lowry, Beatrice N. Portable collapsible health bath. 3,191,190, 6–29–65, Cl. 4—177.

Lowry, John C., to National Distillers and Chemical Corp. Dispensing holders for stacks of bags. 3,221,927, 12–7–65, Cl. 221—26.
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Lowry, Norman P., to L. B. Lowry. Jeweler's tool. 3,209,625, 10–5–65, Cl. 81—7.
Lowry, Robert D., W. C. Kirkpatrick, and J. W. Harrison, to W. R. Grace & Co. Method for preparing a display package. 3,206,906, 9–21–65, Cl. 53—3.
Lowry, Ronald E. Collapsible ornamental box. 3,181,764, 5–4–65, Cl. 229—1.5.
Lowry, Terrell N., to Bell Telephone Laboratories, Inc. Memory circuit. 3,173,130, 3–9–65, Cl. 340—173.
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Loy, Fred W., and L. T. Wells, to Gardner-Denver Co. Positioning apparatus. 3,185,184, 5–25–65, Cl. 140—71.
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Loyd, Robert J., to Phillips Petroleum Co. Gas-liquid partition chromatography. 3,164,980, 1–12–65, Cl. 73—23.1.
Loyd, Robert J., to Phillips Petroleum Co. Sampling method for gas chromatographic analyzer. 3,171,274, 3–2–65, Cl. 73—23.1.
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Gurney, Benjamin F. 3,219,527.
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Lozeau, Homer A., to Koehler Mfg. Co. Non-spillable storage battery container with combination means for venting and filling. 3,179,539, 4–20–65, Cl. 136—177.
Lozier, John C.: *See*—
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Lugash, Max J., to Maxon Industries, Inc. Hinged semi-trailer coupling unit. 3,164,399, 1–5–65, Cl. 280—423.
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Lunsford, Carl D., and A. D. Cale, Jr., to A. H. Robins Co., Inc. 4-(omega-substituted alkyl)-3,3-disubstituted-1-substituted-2-pyrrolidinones and 4-(omega-substituted alkyl) - 3,3 - disubstituted - 1 - substituted-2-thionpyrrolidinones. 3,192,210, 6–29–65, Cl. 260—247.2.
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Lutz, Hans G., and W. G. Menzel. Food ice freezer for dispensing food ice in portions out of a freezing container kept under pressure. 3,183,681, 5–18–65, Cl. 62—135.
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Lyman, Homer F., to Universal Dishwashing Machinery Co. Endless belt for dishwashing machines and having snap-on links. 3,206,005, 9–14–65, Cl. 198—131.
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Lynam, Thomas R., deceased (by S. C. Walker and E. Jones, executors); C. Booth, C. S. Hedley, E. Singleton, and W. C. Gilpin, to The Steetley Refractory Brick Co. Ltd. Method of making metal covered refractory bricks. 3,213,533, 10–26–65, Cl. 29—528.
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Lynch, Eric R., and E. B. McCall, to Monsanto Chemicals Ltd. Preparation of N-aryl imides and amides. 3,194,779, 7–13–65, Cl. 260—326.
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Lynch, John R., to The Dow Chemical Co. Dispensing container. 3,215,300, 11–2–65, Cl. 220—4.
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Lynch, Leslie S., Jr., to The Thomas & Betts Co., Inc. Toggle actuated crimping tool. 3,212,317, 10–19–65, Cl. 72—413.
Lynch, Michael J., to United States of America, Army. Snaphooks. 3,212,153, 10–19–65, Cl. 24—238.
Lynch, Paul J., and P. L. Taylor, to Carrier Corp. Promotion of dropwise condensation. 3,167,927, 2–2–65, Cl. 62—56.
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Lynn, John W., to Union Carbide Corp. 2-vinyloxyethyl thiocyanate and polymerization products thereof. 3,223,685, 12–14–65, Cl. 260—79.7.
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Lyon, Floyd A., to Halm Instrument Co., Inc. Web cutting and stacking means. 3,191,472, 6–29–65, Cl. 83—61.
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Potapenko, Gennady, and Lyon. 3,176,889.
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Lyon, Thomas F., and G. J. Slocum, to Texas Instruments Inc. Magnetically actuated switching device having eddy current reducing means. 3,214,711, 10–26–65, Cl. 333—7.
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Lytle, Robert I., G. P. Moran, and W. D. Stevens, to Foster Wheeler Corp. Separating heater. 3,183,896, 5–18–65, Cl. 122—406.
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Mabuchi, Shigeaki, to Nihon Kakki Seizo Kabushiki Kaisha. Frequency dividing system employing tunnel diode astable multivibrators. 3,207,914, 9–21–65, Cl. 307—88.5.
Mabuchi, Shigeaki, and K. Itoh, to Nihon Gakki Seizo Kabushiki Kaisha. Electronic musical instrument. 3,219,745, 11–23–65, Cl. 84—1.13.
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Mabuchi, Takaichi. Brush mounting for electric motors. 3,204,138, 8–31–65, Cl. 310—239.
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MacCallum, Robert B., and F. R. Hurley, to W. R. Grace & Co. Method for producing ferric oxide particles. 3,198,603, 8–3–65, Cl. 23—200.
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MacChesney, Chester M.; 85% to Ellamac Inc., and 15% to C. S. Henderson. Motion transmitting mechanism of the gear-pinion type. 3,190,138, 6–22–65, Cl. 74—425.
MacChesney, Chester M., to Ellamac Inc. Methods of and apparatus for recording utilizing elastic magnetic recording tapes. 3,211,844, 10–12–65, Cl. 179—100.2.
MacChesney, Chester M., 85% to Ellamac Inc. and 15% to C. S. Henderson. Elevator drives. 3,215,227, 11–2–65, Cl. 187—24.
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MacDonald, Ervin D., to Kollsman Instrument Corp. Optical system for periscopic sextant. 3,207,025, 9–21–65, Cl. 88—2.7.
MacDonald, George E., and E. M. Gherardi, to Lockwood, Kessler & Bartlett, Inc. Method and system for reproducing two or three dimensional objects by photogrammetry. 3,195,411, 7–20–65, Cl. 90—13.5.
Macdonald, Herbert G., D. J. Barbour, K. M. Claus, and R. B. Cleverly, to The Mosaic Tile Co. Method of fabricating a multiple unit assembly. 3,185,748, 5–25–65, Cl. 264—261.
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MacDonald, Ira A., and A. S. Geisler, to Atlas Chemical Industries, Inc. Plasticized yeast. 3,167,433, 1–26–65, Cl. 99—96.
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MacDonell, Herbert L., to Corning Glass Works. Process for detecting latent fingerprints and material useful therein. 3,219,469, 11–23–65, Cl. 117—.5.
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MacDowell, John F., to Corning Glass Works. Glass ceramic bodies and method of making them. 3,201,266, 8–17–65, Cl. 106—39.
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Mack, Darrel E., to Hercules Powder Co. Process for producing phthalocyanines. 3,188,318, 6–8–65, Cl. 260—314.5.
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Mackenzie, Donald H., K. D. McMahan, and J. Cherrybone; said McMahan and Cherrybone assors. to D. H. Mackenzie. Money registers. 3,169,623, 2–16–65, Cl. 194—9.
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MacKenzie, Fred T., K. V. Becker, and H. G. Peterson, to United Shoe Machinery Corp. Heel attaching machines. 3,221,967, 12–7–65, Cl. 227—28.
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Mackey, Bruce A. Twist drill. 3,199,381, 8–10–65, Cl. 77—70.
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Mackey, Ernest A., and W. A. Counterman, to United States of America, Navy. Electronic digital computer elapsed processing time meter. 3,221,489, 12–7–65, Cl. 58—145.
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Macklem, F. Sutherland. Gated control for power circuit. 3,184,675, 5–18–65, Cl. 323—50.
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Macklin, Richard L., to United States of America, Atomic Energy Commission. Naphthalene derivative scintillators. 3,170,884, 2–23–65, Cl. 252—301.3.

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MacLean, Alexander F., to Celanese Corp. of America. Electric discharge process and apparatus. 3,205,162, 9–7–65, Cl. 204—312.
MacLean, Alexander F., C. C. Hobbs, Jr., and A. L. Stautzenberger, to Celanese Corp. of America. Oxidation of alkanes and alkyl aromatics to aliphatic and aromatic acids. 3,215,733, 11–2–65, Cl. 260—524.
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MacLean, John A., III, deceased (by J. D. MacLean, administrator), and J. A. MacLean, Jr., to MacLean-Fogg Lock Nut Co. Self-locking nut. 3,177,914, 4–13–65, Cl. 151—21.
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MacMillan, Charles W., to Bear Mfg. Co. Balancer. 3,178,945, 4–20–65, Cl. 73—458.
MacMillan, Charles W., to Bear Mfg. Co. Automotive wheel alining apparatus. 3,180,033, 4–27–65, Cl. 33—203.12.
MacMillan, Charles W., to Bear Mfg. Co. Ratio indicator. 3,224,102, 12–21–65, Cl. 33—169.
MacMillan, Francis S. K., to The Procter & Gamble Co. Germicidal cleansing composition. 3,226,329, 12–28–65, Cl. 252—107.
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MacMillin, Norman F., to MacMillin Hydraulic Engineering Corp. Hydraulic power unit including bed plate construction. 3,190,507, 6–22–65, Cl. 222—383.
MacNab, Adrian J., and R. S. Treseder, to Shell Oil Co. Corrosion protection. 3,201,335, 8–17–65, Cl. 204—147.
MacNair, Donald, to Bell Telephone Laboratories. Method for processing oxide coated cathodes. 3,186,786, 6–1–65, Cl. 316—17.
MacNair, James F., and P. J. Scully, to Hydraulic Elevator & Machine Co., Inc. Hydraulic elevator control. 3,187,844, 6–8–65, Cl. 187—29.
MacNamara, Elizabeth L., to United States of America, Army. Method of electrodepositing iridium. 3,207,680, 9–21–65, Cl. 204—47.
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MacNeill, John B., B. P. Baker, deceased (by Mellon National Bank and Trust Co., executor), and W. S. Aspey, to Westinghouse Electric Corp. Multi-break fluid-blast circuit breaker. 3,180,959, 4–27–65, Cl. 200—145.
MacNeill, John H., to Soroban Engineering, Inc. Latched tape reader. 3,217,141, 11–9–65, Cl. 235—61.11.
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Macomber, John W., to United States of America, National Aeronautics and Space Administration. Nuclear reactor control rod assembly with improved driving mechanism. 3,198,709, 8–3–65, Cl. 176—35.
Macon, Arthur R., to E. I. du Pont de Nemours and Co. Linear 1,3-cyclopentanedimethanol polyesters of bis-phenylene-4,4′-dicarboxylic acids. 3,198,769, 8–3–65, Cl. 260—75.
Macon, Arthur R., to E. I. du Pont de Nemours and Co. Linear copolyester of hydroquinone with a mixture of hexahydroisophthalic and hexahydroterephthalic acids. 3,225,003, 12–21–65, Cl. 260—47.
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Macovski, Albert, to Radio Corp. of America. Color television luminance channel delay line. 3,218,386, 11–16–65, Cl. 178—5.4.
MacPeek, Donald L., B. Phillips, and P. S. Starcher, to Union Carbide Corp. Ethylenically unsaturated epoxy sulfones. 3,220,981, 11–30–65, Cl. 260—49.
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MacQuaid, Craig, to International Shoe Co. Protective work shoe. 3,175,311, 3–30–65, Cl. 36—72.
MacQuaid, Craig, and L. R. Heideman, to International Shoe Co. Protective shoe construction. 3,175,292, 3–30–65, Cl. 36—72.
Macrae, Ronald L. J., to Coal Industry (Patents) Ltd. Means for protecting the supply cables of mining machines. 3,192,704, 7–6–65, Cl. 59—78.1.
Macrander, Max S.: *See*—
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MacSorley, Olin L., to International Business Machines Corp. Binary divider. 3,192,364, 6–29–65, Cl. 235—164.
MacSporran, Charles, to Phillips Petroleum Co. Safety flow valve. 3,164,358, 1–5–65, Cl. 251—29.
Mactavish, Angus W. Rock picker. 3,166,130, 1–19–65, Cl. 171—63.
Macurdy, William B., to Bell Telephone Laboratories, Inc. Information checking system. 3,195,106, 7–13–65, Cl. 340—146.1.
Macy, George E. Lumber sorting and piling device. 3,203,559, 8–31–65, Cl. 214—6.
Macy, John M., to Dodge Mfg. Corp. Variable speed drive mechanism. 3,175,409, 3–30–65, Cl. 74—230.17.
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Madaffer, Frank. Dispensing device and counter in combination therewith. 3,165,235, 1–12–65, Cl. 222—38.
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Madansky, Leslie E., to California Plasteck, Inc. Plastic captive screw washer. 3,212,387, 10–19–65, Cl. 85—1.
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Maddaloni, John B. Dry cell power supply. 3,178,317, 4–13–65, Cl. 136—173.
Madden, Charles C., to The Bendix Corp. Turbine wobble-overspeed safety. 3,207,473, 9–21–65, Cl. 253—52.
Madden, George B. Navigational device. 3,217,415, 11–16–65, Cl. 33—66.
Madden, Homer W. Can orienting machine. 3,165,194, 1–12–65, Cl. 198—33.
Madden, Homer W. Container palletizing and depalletizing machine. 3,200,969, 8–17–65, Cl. 214—8.5.
Madden, John J. Combined table and cooker. 3,221,137, 11–30–65, Cl. 219—218.
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Maddox, Robert B., to Robert B. Maddox Associates, Inc. Easel construction. 3,195,849, 7–20–65, Cl. 248—441.
Maddox, V. Harold, and E. F. Godefroi, to Parke, Davis & Co. Process for producing certain new 1-phenylcyclohexyl amine compounds. 3,192,219, 6–29–65, Cl. 260—293.
Maddox, William K., to Halliburton Co. Pump valve. 3,191,617, 6–29–65, Cl. 137—516.29.
Madeira, William T., to K-D Mfg. Co. Brake drum gauge. 3,190,006, 6–22–65, Cl. 33—143.
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Madsen, Raymond L., and M. D. Liston, to Beckman Instruments, Inc. Cancellation circuit for non-dispersive infrared analyzer. 3,215,832, 11–2–65, Cl. 250—43.5.
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Maeder, Arthur, to Ciba Ltd. Process for the polymerization of strongly basic compounds using 1,2-dichloroethane as solvent. 3,186,973, 6–1–65, Cl. 260—80.3.
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Maeder, Heinz-Jochem, and P. Wehren, to Klockner-Humboldt-Deutz Aktiengesellschaft. Vibratory conveyor, particularly bin-discharge conveyor. 3,212,629, 10–19–65, Cl. 198—220.

Maeder, Heinz-Jochem, and W. Haertel, to Klockner-Humboldt-Deutz Aktiengesellschaft. Vibratory grinding mill of the drum type. 3,212,722, 10–19–65, Cl. 241—171.

Maeder, Heinz-Jochem, and W. Bunger, to Klockner-Humboldt-Deutz Aktiengesellschaft. Vibratory grinding mill. 3,212,723, 10–19–65, Cl. 241—171.

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Maerov, Sidney B., and E. B. McCord, to E. I. du Pont de Nemours and Co. Bulky continuous filament yarn of distinct plies having different shrinkage characteristics. 3,200,576, 8–17–65, Cl. 57—140.

Maerov, Sidney B., and W. Sweeny, to E. I. du Pont de Nemours and Co. Process for making filamentary structures prepared from the polycarbonate of 2,2-(4,4′-dihydioxydiphenyl) propane. 3,214,500, 10–26–65, Cl. 264—210.

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Magat, Eugene E., and D. Tanner, to E. I. du Pont de Nemours and Co. Process for grafting an organic compound to a shaped article of an addition polymer. 3,188,165, 6–8–65, Cl. 8—115.5.

Magat, Eugene E., and D. Tanner, to E. I. du Pont de Nemours and Co. Method of graft polymerizing an organic compound to a solid shaped condensation polymer structure. 3,188,228, 6–8–65, Cl. 117—62.

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Magee, John E. Indicators for elevator systems. 3,179,917, 4–20–65, Cl. 340—21.

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Magne, Frank C., R. R. Mod, and E. L. Skau, to United States of America, Agriculture. Diesteramide plasticizers. 3,179,615, 4–20–65, Cl. 260—30.4.
Magne, Frank C., R. R. Mod, and E. L. Skau, to United States of America, Agriculture. Fatty acid amide-diesters. 3,207,769, 9–21–65, Cl. 260—404.
Magne, Frank C., R. R. Mod, and E. L. Skau, to United States of America, Agriculture. N-bis(2-benzoyloxyethyl)-fatty acid amide ester. 3,211,766, 10–12–65, Cl. 260—404.
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Magnuson, John E., to Pacific Car and Foundry Co. Material-handling vehicle. 3,221,909, 12–7–65, Cl. 214—147.
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Magnuson, Roy M. 3,199,618.
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Magnuson, Roland A., to United States of America, Army. Hydraulic motor control system. 3,181,427, 5–4–65, Cl. 91—202.
Magnuson, Roy M., deceased, by G. I. Magnuson, executrix, ½ to G. I. Magnuson and ½ to G. I. and R. Magnuson, and L. J. Fox, trustees. Article weighing apparatus and method. 3,199,618, 8–10–65, Cl. 117—1.
Magnuson, Walter, to G. F. Wright Steel & Wire Co. Spark arrester for a receptacle. 3,173,568, 3–16–65, Cl. 220—24.
Magnussen, Harold. Guide track for pneumatic and electric portable circular saws. 3,186,452, 6–1–65, Cl. 143—47.
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Hamilton, Samuel C. 3,166,024.
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Magor, Leslie A., to Collins Radio Co. Flag warning circuit. 3,210,749, 10–5–65, Cl. 340—248.
Magos, John P., to Crane Co. Valve operator with dual gearing. 3,204,479, 9–7–65, Cl. 74—423.
Magos, John P., to Crane Co. Yoke adaptor for gear or motor operator. 3,220,282, 11–30–65, Cl. 74—625.
Magos, John P., K. B. Bredtschneider, and J. A. Englert, to Crane Co. Stuffing box construction. 3,199,876, 8–10–65, Cl. 277—21.
Magotteaux, Desire C. J., to International Standard Electric Corp. Phase modulated pulse recording and reading systems. 3,202,975, 8–24–65, Cl. 340—174.1.
Magrauth, Andrew G. Wall recessed toothbrush holder. 3,189,391, 6–15–65, Cl. 312—206.
Magraw, Gilbert S.: *See*—
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Magri, Joseph L., and H. N. Shohet, to United States of America, Navy. Droop compensated fuel control system. 3,200,886, 8–17–65, Cl. 170—135.74.
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Magrum, Gervase M., to Houdaille Industries, Inc. Torsional vibration damper. 3,165,945, 1–19–65, Cl. 74—574.
Magsig, Manly A., to Mid-West Abrasive Co. Honing tool having spring mounted abrasive elements. 3,195,282, 7–20–65, Cl. 51—346.
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Maguire, Frederick A., to Interstate Boochever Corp. Multiple-bin display device. 3,211,294, 10–12–65, Cl. 211—72.
Maguire, Philip F., Jr., to Grinnell Corp. Humidity controller. 3,165,602, 1–12–65, Cl. 200—61.06.
Maguire, Roderick H., Jr. Arm contoured crutch. 3,174,494, 3–23–65, Cl. 135—49.
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Gray, Roy A., and Mahan. 3,185,739.

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Mahan, John E., S. D. Turk, and R. P. Williams, to Phillips Petroleum Co. Catalytic dehydrogenation of alkyl pyridines. 3,168,524, 2–2–65, Cl. 260—290.

Mahan, Roger: *See*—
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Mahan, Warren M.: *See*—
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Maher, James B., and J. Mair, to Chicago Bridge & Iron Co. Methane liquefaction system. 3,195,316, 7–20–65, Cl. 62—52.

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Maher, Philip K., and E. J. Nealon, to W. R. Grace & Co. Process for the preparation of a crystalline zeolite. 3,205,037, 9–7–65, Cl. 23—112.

Mahieux, Francis, to L'Air Liquide, Societe Anonyme Pour l'Etude et l'Exploitation des Procedes Georges Claude. Process for storing ozone. 3,197,971, 8–3–65, Cl. 62—48.

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Mahler, Peter A., to The Singer Co. Apparatus for yarn severing in circular knitting machines. 3,225,571, 12–28–65, Cl. 66—140.

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Mahlman, George W., to Hughes Aircraft Co. Semi-conductor infrared radiation detecting and converting apparatus. 3,182,198, 5–4–65, Cl. 250—211.

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Mahoff, George A., and L. L. Rice, to Gamah Corp. Flexible coupling. 3,186,739, 6–1–65, Cl. 285—95.

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Mahon, John V., to Container Corp. of America. Bottle carrier with partition. 3,204,814, 9–7–65, Cl. 220—112.

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Mahoney, John A., to Liberty National Bank & Trust Co. Method and machine for stuffing food products into casings. 3,177,525, 4–13–65, Cl. 17—35.

Mahoney, John P., Jr., to Honeywell Inc. Photographic projector with jam lock mechanism. 3,218,922, 11–23–65, Cl. 88—28.

Mahoney, John P., and R. S. Kampf, to Honeywell Inc. Recording apparatus. 3,184,755, 5–18–65, Cl. 346—136.

Mahoney, Nathaniel J. Sectional welding electrode holder. 3,219,793, 11–23–65, Cl. 219—144.

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Mahoney, William J., to American Machine & Foundry Co. Binary to decimal converter circuit. 3,197,762, 7–27–65, Cl. 340—347.

Mahoney, William J., to American Machine & Foundry Co. Electronic switch device with commutating capacitor. 3,198,989, 8–3–65, Cl. 317—33.

Mahoney, William J., to American Machine & Foundry Co. Magnetic memory circuit. 3,226,698, 12–28–65, Cl. 340—174.

Mahoney, William J., and J. L. Lorenzo, to American Machine & Foundry Co. Monostable pulse generating circuit unresponsive to power supply fluctuations and having fast reset time. 3,204,123, 8–31–65, Cl 307—88.5.

Mahoney, William R., R. E. St. Pierre, and D. T. Dunlap, to Celanese Corp. of America. Filter cigarettes. 3,224,453, 12–21–65, Cl. 131—208.

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Mahony, John P., to Bell Telephone Laboratories Inc. Receiver input unit-synchronizing circuit. 3,188,569, 6–8–65, Cl. 325—321.

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Maichen, Karl. Continuously variable epicyclic friction gear. 3,211,024, 10–12–65, Cl. 74—796.

Maichen, Karl. Closure for squeezable containers. 3,224,030, 12–21–65, Cl. 15—543.

Maichen, Karl. Infinitely variable friction gearing. 3,224,285, 12–21–65, Cl. 74—192.

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Maier, Curtis E., to Continental Can Co., Inc. Device to provide an increase in fabrication properties of severely work hardened sheet metal. 3,208,259, 9–28–65, Cl. 72—163.

Maier, Erwin, G. M. and J. I., to Oxymet AG. Method for the treatment of raw materials. 3,180,915, 4–27–65, Cl. 13—9.

Maier, George E. Phase-cycle transmutor. 3,205,427, 9–7–65, Cl. 321—50.

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Maier, John E., to Minnesota Mining and Mfg. Co. Preparation of thermosetting resinous material. 3,207,687, 9–21–65, Cl. 208—44.

Maier, John E., to Minnesota Mining and Mfg. Co. Thermoset copolymers. 3,207,717, 9–21–65, Cl. 260—28.

Maier, Leo A., Jr., to Foster Wheeler Corp. Method of welding fin tube panel. 3,221,135, 11–30–65, Cl. 219—137.

Maier, Ludwig, to Monsanto Co. Phosphonyl- and thiophosphonyl-thionylamines and process of preparing. 3,179,688, 4–20–65, Cl. 260—461.

Maier, Ludwig, to Monsanto Co. Phosphonium salts, polymers prepared therefrom and process of making same. 3,188,294, 6–8–65, Cl. 260—2.

Maier, Ludwig, to Monsanto Co. Thiopyrophosphonate esters and process for making same. 3,188,339, 6–8–65, Cl. 260—461.

Maier, Michael W., to Malleable Iron Range Co. Cooking range of the sliding drawer type. 3,169,517, 2–16–65, Cl. 126—37.

Maier, Ronald L., to Fleet-Air Mfg., Inc. Vehicle air conditioner condenser. 3,163,995, 1–5–65, Cl. 62—241.

Maier, Ronald L., and C. W. Dawkins, to Fleet Air Mfg., Inc. Evaporator unit for vehicle air conditioning systems. 3,210,956, 10–12–65, Cl. 62—186.

Maier, Rudolf, to Mahle Komm.-Ges. Multipart oil cooled internal combustion engine piston. 3,215,130, 11–2–65, Cl. 123—41.35.

Maier, Rudolf, to Mahle Komm.-Ges. Multipart piston for internal combustion engine. 3,221,611, 12–7–65, Cl. 92—220.

Maier, Siegfried, to Daimler-Benz Aktiengesellschaft. Compressor construction. 3,176,917, 4–6–65, Cl. 230—215.

Maier, Volker E.: *See*—
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Mailen, Tyson H., to Phillips Petroleum Co. Copper and zinc alkyl trithiocarbonates and mercaptides as bird repellents. 3,171,780, 3–2–65, Cl. 167—46.
Maillard, Bernard, to Brevets Aero-Mecaniques S.A. Servo-trigger mechanisms for automatic firearms of the open breech type. 3,174,400, 3–23–65, Cl. 89—149.
Maillard, Bernard, to Brevets Aero-Mecaniques S.A. Automatic firearm with a recoiling barrel. 3,198,075, 8–3–65, Cl. 89—33.
Maillet, Ennemond, to Commissariat a l'Energie Atomique. Cell structure for heat exchanger. 3,179,573, 4–20–65, Cl. 176—83.
Maillie, James B., to The Firestone Tire & Rubber Co. Fluid pressure regulating device. 3,204,822, 9–7–65, Cl. 222—52.
Maillie, James B., and H. Mulder, to Firestone Tire & Rubber Co. Muffler construction. 3,223,491, 12–14–65, Cl. 23—288.
Maillot, Robert R., to Peugeot & Cie. Coupling device. 3,186,190, 6–1–65, Cl. 64—30.
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Main, Charles E.: *See*—
Deffenbaugh, Edmund F., and Main. 3,178,567.
Main, Robert M., to Laboratory For Electronics, Inc. Gaseous concentration and separation apparatus. 3,184,901, 5–25–65, Cl. 55—102.
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Mainardi, Pompey and M. N. Stereoscopic image-projecting system and method for alignment of image. 3,191,493, 6–29–65, Cl. 88—26.
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Maisch, Oliver, to Tuthill Pump Co. Internal tube seal and connector. 3,167,335, 1–26–65, Cl. 285—317.
Maish, George O., to Bethlehem Steel Corp. Method and means for forming uniform coatings. 3,197,329, 7–27–65, Cl. 117—114.
Maissel, Leon I., to International Business Machines Corp. Method of stabilizing refractory metal film resistors. 3,218,194, 11–16–65, Cl. 117—217.
Maissel, Leon I., and H. A. Cassel, to Philco Corp. High temperature ohmic joint for silicon semi-conductor devices and method of forming same. 3,178,271, 4–13–65, Cl. 29—195.
Maissel, Leon I., N. W. Silcox, and C. L. Standley, to International Business Machines Corp. Process for making capacitors and capacitive circuit elements. 3,190,819, 6–22–65, Cl. 204—38.
Maistros, John A., to The National Machinery Co. Knockout drive assembly. 3,171,144, 3–2–65, Cl. 10—76.
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Maitre, Emmanuel. Time-piece serving as a reminder. 3,190,022, 6–22–65, Cl. 40—113.
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Majewski, Theodore E., and D. W. Tarkowski. Salicylanilide process. 3,221,052, 11–30–65, Cl. 260—559.
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Major, Emery. Juice squeezer. 3,207,063, 9–21–65, Cl. 100—97.
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Maki, William M., to Fansteel Metallurgical Corp. Apparatus for making contact discs. 3,174,257, 3–23–65, Cl. 51—99.
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Makowski, Alexander G., to American Can Co. Method of decorating plastic objects. 3,207,822, 9–21–65, Cl. 264—94.
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Makowski, Thomas G., M. E. Verdoodt, and E. M. Huntley, to Burroughs Corp. Printing apparatus. 3,223,031, 12–14–65, Cl. 101—109.
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Maksim, John, Jr. Circular airfoil aerodynamic lift mechanism. 3,181,811, 5–4–65, Cl. 244—12.
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Malan, George L. Means for augmenting energy in an air line. 3,173,254, 3–16–65, Cl. 60—39.6.
Malan, George L. Vibrator mounting means. 3,180,624, 4–27–65, Cl. 259—1.
Malan, George L. Vibrator. 3,182,964, 5–11–65, Cl. 259—1.
Malan, George L. Vibrator. 3,193,256, 7–6–65, Cl. 259—1.
Malaquin, Andre, to Societe Industrielle de Liasions Electriques. System responsive to the displacement of metallic objects. 3,210,539, 10–5–65, Cl. 246—249.
Malarkey, Neil, Jr., to Weyerhaeuser Co. Continuously operating press apparatus. 3,215,065, 11–2–65, Cl. 100—93.
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Malavazos, Arthur J., to Friden, Inc. Calculating machine. 3,173,608, 3–16–65, Cl. 235—63.
Malavazos, Arthur J., to Friden, Inc. Chain discount mechanism for calculating machine. 3,214,095, 10–26–65, Cl. 235—63.
Malbe, Benjamin. Lather generator and dispenser. 3,220,954, 11–30–65, Cl. 252—359.
Malby, Howard S., and F. M. Recknagel, to California Research Corp. Molded housing for fertilizer and seed spreader. 3,176,881, 4–6–65, Cl. 222—177.
Malchair, Armand, to Societe Anonyme Iwan Simonis S.A. Braking device for instantaneously stopping circular looms. 3,220,438, 11–30–65, Cl. 139—13.
Malchair, Armand, to Societe Anonyme Iwan Simonis, S.A. Selvage forming device for looms, more particularly in circular looms. 3,220,440, 11–30–65, Cl. 139—54.
Malco Engineering Co.: *See*—
Malec, Jerry P. 3,190,266.
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Just, Alex. 3,166,372.
Just, Alex, Krause, and Kukla. 3,180,921.
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Maximoff, Paul A., Krol, and Sola. 3,180,014.
Malcom, Frank. Adjustable hydraulic cradle hoist for roof trusses. 3,219,211, 11–23–65, Cl. 214—83.26.
Malcom, Robert, Jr. Flight log and approach chart presentation apparatus. 3,215,453, 11–2–65, Cl. 281—44.
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Tollet, Louis H. J., and Maldague. 3,212,984.
Maldague, Pierre E. J. M., and F. A. de Waegh, to Societe Anglo-belge Vulcain, Societe Anonyme. Method of controlling the reactivity of a nuclear reactor. 3,222,254, 12–7–65, Cl. 176—22.
Maldague, Pierre E. J. M., to Societe Anglo-belge Vulcain, Societe Anonyme. Method of purifying primary fluid of nuclear reactor circuit. 3,222,255, 12–7–65, Cl. 176—37.
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Malec, Jerry P., to Malco Engineering Co. Fluid applicator for animals. 3,190,266, 6–22–65, Cl. 119—157.
Malec, Robert E., to Standard Oil Co. Gasoline composition containing a multipurpose additive. 3,223,497, 12–14–65, Cl. 44—70.
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Malek, Jan M. Solar evaporator. 3,167,488, 1–26–65, Cl. 202—174.
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Malifaud, Pierre. Device for eliminating the glare of automobile headlights. 3,199,114, 8–3–65, Cl. 351—45.
Malik, Edward J. Main and auxiliary fishhooks combined. 3,209,483, 10–5–65, Cl. 43—44.82.
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Malinofsky, Walter W., to United States of America, Army. Process of making ferrite magnetic core material. 3,189,-550, 6–15–65, Cl. 252—62.5.
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Mallinckrodt, Charles O., to Thompson Ramo Wooldridge Inc. Signal correlation system. 3,174,142, 3–16–65, Cl. 340—174.1.
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Malloy, John R., and T. Hommel, to United States Banknote Corp. Photographic printers. 3,198,103, 8–3–65, Cl. 95—76.
Malloy, Paul V., and J. P. R. Cels, to Union Carbide Corp. Silicon-containing barium-aluminum getter material. 3,193,508, 7–6–65, Cl. 252—181.7.
Malloy, Paul V., to Union Carbide Corp. Getter assembly. 3,211,280, 10–12–65, Cl. 206—.4.
Malm, Anders E., and R. B. Thorselius, to Kanthal, Aktiebolaget. Crucible furnace. 3,181,845, 5–4–65, Cl. 263—12.
Malm, Anders E., and R. B. Thorselius, to Kanthal, Aktiebolaget. Electric resistance furnaces. 3,202,750, 8–24–65, Cl. 13—25.

Malm, Curtis L., to Paper Mate Mfg. Co. Project-retract mechanism for a ball-point writing instrument. 3,183,892, 5–18–65, Cl. 120—42.03.
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Claassen, Howard H., Selig, and Malm. 3,183,061.
Malm, John G., I. Sheft, H. H. Claassen, and C. L. Chernick, to United States of America, Atomic Energy Commission. Xenon hexafluoride and method of making. 3,192,016, 6–29–65, Cl. 23—205.
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Malmede, Clodwig B., to Reynolds Metals Co. Apparatus for flanging and corrugating barrel bodies and the like. 3,217,-529, 11–16–65, Cl. 72—415.
Malmer, Albert E. Supporting devices for serving trays. 3,187,687, 6–8–65, Cl. 108—9.
Malmgren, Ake. Dumping trailer. 3,212,818, 10-19–65, Cl. 298—5.
Malmgren, Harvey R., to Alco Equipment Ltd. Diverter sections for mow conveyors. 3,214,006, 10–26–65, Cl. 198—188.
Malmquist, Robert D. Ball surfacing machine. 3,191,468, 6–29–65, Cl. 82—12.
Malmquist, Robert E., ½ to G. C. Hodina. Hanger for articles having hooked or looped handles. 3,224,721, 12–21–65, Cl. 248—339.
Malmrose, John P., and B. A. Peterson, to Kewanee Mfg. Co. Lock arrangement for window structure. 3,196,497, 7–27–65, Cl. 20—53.
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Malobicky, Rudolph L., and S. J. D. Jursa, to Pittsburgh Plate Glass Co. Apparatus for bending glass sheet. 3,193,-370, 7–6–65, Cl. 65—290.
Malobicky, Rudolph L., H. W. Barch, J. D. Kelly, and C. E. Valchar, to Pittsburgh Plate Glass Co. Method and apparatus for supporting glass sheets. 3,220,817, 11–30–65, Cl. 65—104.
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Malone, Franklin. Magnetic ski binding. 3,165,328, 1–12–65, Cl. 280—11.35.
Malone, Homer F., to Mechanical Products, Inc. Thermal motor protector with gas producing arc chamber. 3,083,-326, 5–11–65, Cl. 200—120.
Malone, Homer F., to Mechanical Products, Inc. Miniature manual reset circuit breaker. 3,209,104, 9–28–65, Cl. 200—122.
Malone, Homer F., and L. E. Quint, to Mechanical Products, Inc. Temperature responsive valve. 3,166,247, 1–19–65, Cl. 236—48.
Malone, Homer F., and R. W. Filchak, to Mechanical Products, Inc. Snap-acting thermo-responsive member that minimizes creep action. 3,171,925, 3–2–65, Cl. 200—113.
Malone, James D., to General Motors Corp. Electronic selective ringing decoder system. 3,226,679, 12–28–65, Cl. 340—164.
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Malone, Robert W., to Esso Research and Engineering Co. Method of preparing and employing phosphorus oxide smokes to make phosphate esters. 3,167,577, 1–26–65, Cl. 260—461.
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Maloy, Arthur L., Maloney, and Hambrick. 3,194,769.
Maloney, Edward J., to Koppers Co., Inc. Triple-seal oven door sealing means. 3,172,825, 3–9–65, Cl. 202—248.
Maloney, Frederick G., to Edwards Equipment Co. Rotary cultivator equipment. 3,190,364, 6–22–65, Cl. 172—111.
Maloof, Ralph P. Propeller fan. 3,187,820, 6–8–65, Cl. 170—160.55.
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Malota, Ladislav, and W. F. Olashaw, to General Electric Co. Electrical switch and fuse housing combination having a pivotally mounted adapting mechanism operable independently of its movable cover. 3,179,761, 4–20–65, Cl. 200—50.
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Bullard, Billy J., and Malott. 3,186,499.
Malott, Raymond A., and G. D. Johnson, to Shell Oil Co. Method and apparatus for drilling an underwater well. 3,199,613. 8–10–65, Cl. 175—5.
Maloy, Arthur L., C. R. Maloney, and J. O. Hambrick, to Union Carbide Corp. Reactivation of alkali-metal sulfate catalyst. 3,194,769, 7–13–65, Cl. 252—413.
Malsbary, James S., and E. B. Hilker (by A. Hilker, administratrix), to Wagner Electric Corp. Saturable reactor control. 3,221,280, 11–30–65, Cl. 336—5.
Malsert, Henri. Index tabs. 3,174,240, 3–23–65, Cl. 40—23.
Malta, Jacob H., to Schulwerlich Electronics, Inc. Bells. 3,207,124, 9–21–65, Cl. 116—171.
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Maluda, Stephen, to Tung-Sol Electric Inc. Astable multivibrator having means to adjust the output magnitude and frequency. 3,202,935, 8–24–65, Cl. 331—109.
Malven, John H. Perspective drawing instrument. 3,221,-410, 12–7–65, Cl. 33—77.
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Malz, Hugo, O. Bayer, E. Roos, W. Göbel, and H. Gröne, to Farbenfabriken Bayer Aktiengesellschaft. Estins and amides of phosphorus acid as stabilizers for rubbery polymers. 3,172,871, 3–9–65, Cl. 260—45.9.
Malz, Hugo, H. Holtschmidt, E. Kuhle, and O. Bayer, to Farbenfabriken Bayer Aktiengesellschaft. Mono and poly-(O,O-dialkyl phosphato) and (O,O-dialkyl phosphonato) azomethine esters. 3,201,443, 8–17–65, Cl. 260—461.
Mambrin, Joseph S. Protective shield for casting a baited hook. 3,190,028, 6–22–65, Cl. 43—41.2.
Mamin, Marcel, to G. Dessonnaz. Lead-sharpener. 3,223,073, 12–14–65, Cl. 120—91.
Mamiya Koki Kabushiki Kaisha: *See*—
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Mamiya, Shigeo, and T. Odashima, to Saginomiya Seisakusho Co., Ltd. Automatic pressure switch for automatically controlling the compressor used in various refrigerators. 3,182,148, 5–4–65, Cl. 200—81.
Mamiya, Shigeo, and T. Odashima, to Saginomiya Seisakusho Co., Ltd. Snap-action condition responsive switch. 3,185,-796, 5–25–65, Cl. 200—140.
Mamiya, Shigeo, and T. Odashima, to Saginomiya Seisakusho Co., Ltd. Vacuum indicator. 3,205,710, 9–14–65, Cl. 73—410.
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Mamon, Michel, to International Telephone and Telegraph Corp. Overload protection in transistorized power regulating circuits. 3,201,606, 8–17–65, Cl. 307—88.5.

Manahan, Max J., to General Motors Corp. Magnetic transducer arrangement. 3,172,021, 3–2–65, Cl. 317—173.
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McCloskey, Allen L., Manasevit, and Brotherton. 3,180,-708.
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Mancera, Octavio, H. J. Ringold, and C. Djerassi, to Syntex Corp. 15-dehydro-16-methyl steroids and process for the production thereof. 3,219,674, 11–23–65, Cl. 260—397.4.
Manchester, Randall S., to Norton Co. Coated abrasive implement. 3,166,876, 1–26–65, Cl. 51—375.
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Mancusi, Joseph J., Jr., to Altair Inc. Sealing and dispensing device. 3,206,079, 9–14–65, Cl. 222—213.
Mancuso, Arion, to Ilikon Corp. Blow-pipe for farbricating plastic resin articles. 3,184,167, 5–18–65, Cl. 239—590.
Mandato, Angelo A. Traction device. 3,211,205, 10–12–65, Cl. 152—237.
Mandekic, Anthony V. Trailer steering mechanism. 3,172,-685, 3–9–65, Cl. 280—408.
Mandel, Jerome H. Self-service floating fuel station. 3,190,-495, 6–22–65, Cl. 222—2.
Mandel, Louis, to United States of America, Navy. System for automatically maximizing the power output of a frequency velocity-modulated oscillator. 3,226,654, 12–28–65, Cl. 331—84.
Mandel, Mark, to International Telephone and Telegraph Corp. Control circuit utilizing avalanche characteristic devices having different minimum holding current. 3,194,-987, 7–13–65, Cl. 307—88.5.
Mandel, Marvin, to Topps Products Corp. Display stand and article holding rack therefor. 3,181,706, 5–4–65, Cl. 211—163.
Mandel, Richard M., to Copco Steel & Engineering Co. Bulkhead structure. 3,211,493, 10–12–65, Cl. 296—50.
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Mandelko, Melvin A. Cylinder unit. 3,205,789, 9–14–65, Cl. 92—8.
Manderbach, Richard W., to Western Electric Co., Inc. Vibratory feeder and storage device. 3,194,392, 7–13–65, Cl. 198—220.
Mandle, Richard M., and T. O. Tongue, to W. R. Grace & Co. Fluid energy mill. 3,186,648, 6–1–65, Cl. 241—34.
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Mappes, William L., to Duplan Corp. Vehicle lamp unit. 3,210,533, 10–5–65, Cl. 240—8.2.
Mapson, Donald L., to M & D Store Fixtures, Inc. Merchandise display shelf. 3,167,037, 1–26–65, Cl. 108—6.
Mapson, Donald L., to M & D Store Fixtures, Inc. Store counter. 3,219,401, 11–23–65, Cl. 312—140.3.
Maquelin, Cornelius P., to Follett Corp. Storage unit for ice and the like. 3,165,240, 1–12–65, Cl. 222—457.
Marach, Paul. Match book. 3,176,835, 4–6–65, Cl. 206—29.
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Marangoni, Luigi, and A. Nenz, to Edison. Preparation of α-isonitrosoketones by nitrosation of ketones. 3,201,468, 8–17–65, Cl. 260—566.
Marano, Herbert W., to Consolidated Cigar Corp. Article handling hopper. 3,190,491, 6–22–65, Cl. 221—68.
Marano, Herbert W., to Consolidated Cigar Corp. Momentary switch using resilient leaf spring actuator. 3,204,070, 8–31–65, Cl. 200—160.
Marano, Nello W. Recoil safety belt. 3,180,684, 4–27–65, Cl. 297—388.
Marans, Nelson S., and R. S. Gregorian, to W. R. Grace & Co. Polyethylene composition containing cross-linked polyethylene graft copolymer and process therefor. 3,226,454, 12–28–65, Cl. 260—876.
Maras, Nicholas M.: *See*—
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Maras, Percy J., to Garrett Enumclaw Co. Sliding logging hook. 3,175,264, 3–30–65, Cl. 24—123.
Maras, Thomas, and R. W. Pitcher. Device for projecting an aerial target. 3,186,119, 6–1–65, Cl. 42—1.
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Marasco, Harold E., to Marasco Shoe Machinery Corp. Sole press. 3,201,811, 8–24–65, Cl. 12—33.
Marasco, Paul M.: *See*—
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Marasso, Fred D., and M. E. Phillips, Jr., to American Machine & Foundry Co. Corrector for misaligned and overturned rolls. 3,180,476, 4–27–65, Cl. 198—33.
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Gogarty, William B., and Nielson. 3,225,787.
Norton, Charles J., and Moss. 3,175,016.
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Poettmann, Fred H. 3,216,435.
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Van Poollen, Hendrik K. 3,194,314.
Van Poollen, Hendrik K. 3,196,947.
Maratuech, Paul, and R. Bernada, to Inventions Finance Corp. Electronic systems for electrifying enclosures. 3,182,211, 5–4–65, Cl. 307—132.
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Marberry, James E., to Socony Mobil Oil Co., Inc. Recovery of petroleum by direct in-situ combustion. 3,209,822, 10–5–65, Cl. 166—2.
Marbet, Roman, and U. Schwieter, to Hoffman-La Roche Inc. Process for the preparation of polyenecarbonyl compounds. 3,198,836, 8–3–65, Cl. 260—586.
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Marchais, Jean-Claude, to CSF-Compagnie Generale de Telegraphie Sans Fil. Arrangement for eliminating drift of integrator output voltage. 3,174,109, 3–16–65, Cl. 328—127.
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Marchal, Pierre J. A., and R. C. Galinaro, to Sud-Aviation Societe Nationale de Constructions Aeronautiques. Apparatus for recording the trajectories of moving bodies and aerial missiles on motion picture film. 3,181,169, 4–27–65, Cl. 346—107.
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Garnier, Henri L., Rubet, Desroches, Marchal, and Lutz. 3,168,978.
Marchal, Raymond H. F., and P. Servanty, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Hot gas generating installation. 3,194,295, 7–13–65, Cl. 158—4.
Marchand, Ferdinand, to Trefileries et Ateliers de Commercy. Shielded arc welding method and apparatus. 3,213,262, 10–19–65, Cl. 219—130.
Marchand, Jacques. Skiing gloves and mitts. 3,170,703, 2–23–65, Cl. 280—11.37.
Marchand, Jacques. Skiing gloves and mitts. 3,218,089, 11–16–65, Cl. 280—11.37.
Marchand, Jacques. Structure of tubular framework for carrying surfaces working in the cold or hot. 3,224,156, 12–21–65, Cl. 52—660.
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Marchand, Nathan, and K. Plesset, to The Singer Co. Wide band adjustable capacitive attenuators. 3,176,250, 3–30–65, Cl. 333—34.
Marchant, Francis C. I., to Bristol Siddeley Engines Ltd. Jet propulsion engines. 3,180,087, 4–27–65, Cl. 60—35.55.
Marchant, Francis C. I., F. I. Clark, and R. W. Jaggard, to Bristol Siddeley Engines Ltd. Aircraft propulsion power plants. 3,193,217, 7–6–65, Cl. 244—23.
Marchant, Francis C. I., and R. W. Jaggard, to Bristol Siddeley Engines Ltd. Aircraft jet propulsion nozzles. 3,206,929, 9–21–65, Cl. 60—35.55.
Marchant, Francis C. I., and S. B. Blackman, to Bristol Siddeley Engines Ltd. Thrust direction control means for jet propulsion engines. 3,209,535, 10–5–65, Cl. 60—35.55.
Marchant, Joseph R., to General Motors Corp. Door handle assembly. 3,214,214, 10–26–65, Cl. 296—44.
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Giacalone, Joseph J., and Marchetti. 3,178,061.
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Marchisella, Americo. Anti-roll stay for waistbands of girdles and like articles of apparel. 3,194,242, 7–13–65, Cl. 128—533.
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Marco, Francis W., to Deering Milliken Research Corp. Method for making elastic yarn containing keratinous fibers. 3,178,877, 4–20–65, Cl. 57—157.
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Scharf, Beverly W., and Jacobel. 3,177,483.
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Byatt, Dennis W. G. 3,167,773.
Byatt, Dennis W. G. 3,188,386.
Byatt, Dennis W. G. 3,196,439.
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Gross, Michael H. 3,177,443.
James, John F. 3,165,585.
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Plaistowe, Donald L. 3,200,287.
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Marcotte, Stephen F., to International Equipment Co. Triggering means for stroboscopic devices. 3,165,669, 1–12–65, Cl. 315—237.
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Marcoux, Earl L. Screened cabinet assembly. 3,192,003, 6–29–65, Cl. 312—204.
Marcoux, Henri. Straddle row cultivator. 3,168,148, 2–2–65, Cl. 172—42.
Marcoux, Leo, to Texas Instruments Inc. Miniature snap acting thermostatic switch. 3,213,250, 10–19–65, Cl. 200—138.
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Marcovitch, Isaac and J. Containers for liquified fuel gas. 3,164,308, 1–5–65, Cl. 222—549.
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Marcus, Abraham I. Watch repair device. 3,173,198, 3–16–65, Cl. 29—231.
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Gustafsson, Per R., and Marcus. 3,209,167.
Marcus, James W. Machinist's angle gauge and support. 3,166,853, 1–26–65, Cl. 33—174.
Marcus, Louis G. Ski binding. 3,197,222, 7–27–65, Cl. 280—11.35.
Marcus, Milton: *See*—
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Marcus, Milton, R. D. Porter, and D. R. Pearl, to United Aircraft Corp. Air inlet control. 3,181,817, 5–4–65, Cl. 244—53.
Marcus, William. Containers. 3,187,924, 6–8–65, Cl. 220—18.
Marcus, William, to Merrymaid Plastics Corp. Pot strainer. 3,200,954, 8–17–65, Cl. 210—470.
Marcuse, Dietrich, to Bell Telephone Laboratories, Inc. Amplification by the stimulated emission of Bremsstrahlung. 3,177,435, 4–6–65, Cl. 330—4.
Marcuse, Dietrich, to Bell Telephone Laboratories, Inc. Multiple grid amplifier using Bremsstrahlung. 3,177,440, 4–6–65, Cl. 330—44.
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Mard, Kenneth C., and R. A. Orr, to United Aircraft Corp. Helicopter pod supporting device. 3,176,939, 4–6–65, Cl. 244—118.
Marden, Carleton C., ½ to W. J. J. Gordon. Can opener. 3,206,849, 9–21–65, Cl. 30—8.5.
Maré, Ernest. Filter tipped cigarettes. 3,167,076, 1–26–65, Cl. 131—10.
Marek, Bruno S. V., and J. Gneisz, to Societe de la Viscose Suisse. Manufacture of paper-like materials comprising synthetic fibres. 3,193,447, 7–6–65, Cl. 162—157.
Marek, Jerry. Portable battery charger. 3,206,627, 9–14–65, Cl. 310—59.
Marek, Stanley C., to Admiral Corp. Spring clip fastener. 3,164,873, 1–12–65, Cl. 24—81.
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Maresh, Charles, and O. E. Sundberg, deceased (by G. Sundberg, executrix), to American Cyanamid Co. Process for analysis of organic compounds. 3,168,378, 2–2–65, Cl. 23—230.
Marette, George F.: *See*—
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Marette, George F., and P. Warburton, to Sperry Rand Corp. Binary-to-digital translation apparatus. 3,192,520, 6–29–65, Cl. 340—347.
Marez, John. Digital to analog waveform synthesizer. 3,183,502, 5–11–65, Cl. 340—347.
Marforio, Nerino, to Virginio Rimoldi & C., S.p.A. Cutting device for sewing machines. 3,176,640, 4–6–65, Cl. 112—123.
Marforio, Nerino, to Virginio Rimoldi & C., S.p.A. Attaching trimming strips to knitted articles. 3,191,560, 6–29–65, Cl. 112—197.
Marforio, Nerino, to Virginio Rimoldi & C., S.p.A. Overlock sewing machine. 3,221,688, 12–7–65, Cl. 112—162.
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Margen, Peter H. E., to Aktiebolaget Atomenergi. Nuclear reactor. 3,205,145, 9–7–65, Cl. 176—53.
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Margida, Frank J., to Saf-T-Brake Valve Co., Inc. Safety valve for hydraulic braking system. 3,198,203, 8–3–65, Cl. 137—118.
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Margolin, Emanuel D.: *See*—
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Swift, John F., and Margolin. 3,213,621.
Margolis, Isadore. Curved rotor blades. 3,199,603, 8–10–65, Cl. 170—171.
Margolis, Joel, to The Royal Alexandra Hospital for Children. Warming and shaking apparatus. 3,226,094, 12–28–65, Cl. 259—13.
Margolis, Morris I. Imitated normal hard book cover. 3,169,029, 2–9–65, Cl. 281—29.
Margoni, Aldo. Mailbox signal. 3,191,855, 6–29–65, Cl. 232—35.
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Margot, Alfred, to J. R. Geigy A.-G. N,N'-di(tetra-substituted-phenyl)-diaminomethanes. 3,210,423, 10–5–65, Cl. 260—570.5.
Margot, Alfred. O-benzylaminoalkyl-N-phenylurethanes. 3,221,042, 11–30–65, Cl. 260—472.
Margot, Alfred, to J. R. Geigy, A-G. Anthelmintic compositions and method of employing same. 3,224,938, 12–21–65, Cl. 167—53.
Margot, Jean, and G. Grivory, to Electricite de France (Service National) and Gaz de France (Service National). Variable-buoyancy floats. 3,189,922, 6–22–65, Cl. 9—8.
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Margulies, Lazar, to Mount Sinai Hospital Research, Foundation, Inc. Coil spring intra-uterine contraceptive device and method of using. 3,200,815, 8–17–65, Cl. 128—130.
Margulies, Paul H., and W. J. Tillis, to FMC Corp. Process for producing corrosion resistant coating of barium ferrate on ferrous metals. 3,206,384, 9–14–65, Cl. 204—56.
Margulies, Samuel, to High Point Seamless Hosiery Mills Co. Stocking and method of making the same. 3,216,223, 11–9–65, Cl. 66—178.
Margulis, Joseph M. Method of making a picture hanger. 3,174,210, 3–23–65, Cl. 29—150.
Margulis, Joseph M. Wall and ceiling hanger. 3,190,599, 6–22–65, Cl. 248—205.

Margulis, Lawrence G., and E. A. Zanger, Jr., to Kulicke & Soffa Mfg. Co. Probe instrument for inspecting semiconductor wafers including means for marking defective zones. 3,185,927, 5–25–65, Cl. 324—158.
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Marheine, Edward A., to Automatic Electric Laboratories, Inc. Supervisory control circuit for multi-line telephone answering machine. 3,193,620, 7–6–65, Cl. 179—6.
Marie, Georges R. P., to Bell Telephone Laboratories, Inc. Delay distortion compensator. 3,196,371, 7–20–65, Cl. 333—28.
Marien, Clement S., to Swank, Inc. Necktie holder. 3,173,-181, 3–16–65, Cl. 24—49.
Marien, Melvin W., to Ramsey Corp. Oil control ring. 3,172,672, 3–9–65, Cl. 277—140.
Marimen, Peter C. Anchor rail shims. 3,173,611, 3–16–65, Cl. 238—327.
Marin, Mario J., to Sperry Rand Corp. Self-latching fastening mechanism. 3,174,785, 3–23–65, Cl. 292—228.
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Marinace, John C., to International Business Machines Corp. Method for controlling doping in vapor-grown semiconductor bodies. 3,184,348. 5–18–65, Cl. 148—174.
Marinace, John C., to International Business Machines Corp. Fluorocarbon compound used in masking of epitaxial growth of semiconductors by vapor deposition. 3,184,350, 5–18–65, Cl. 148—175.
Marinace, John C., to International Business Machines Corp. High sensitivity Hall effect probe. 3,202,913, 8–24–65, Cl. 324—45.
Marinace, John C., and R. F. Rutz, to International Business Machines Corp. Quantum mechanical tunneling semiconductor device. 3,215,908, 11–2–65, Cl. 317—235.
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Marinai, Jori: *See*—
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Marindin, Frederick R.: *See*—
Winter, Alpheus, IV, Marindin, and Pane. 3,193,079.
Marine Appliances Inc.: *See*—
Barkan, George. 3,164,869.
Marine Colloids Inc.: *See*—
Stancioff, Dimitri J. 3,176,003.
Marine Electric Corp.: *See*—
Parke, Harry G. 3,173,109.
Marine Moisture Control Co., Inc.: *See*—
Gravert, William H. 3,184,099.
Gravert, William H. 3,203,444.
Gravert, William H. 3,208,469.
Gravert, William H. 3,208,596.
Marine Steel Corp.: *See*—
Jerome, Jack, and Wright. 3,164,403.
Marine Swimming Pool Equipment Co.: *See*—
Berg, Jack A. 3,168,896.
Maring, Loyd E. Wirestripping device with opening adjustment means. 3,213,718, 10–26–65, Cl. 81—9.5.
Maring, Robert J., to Toledo Scale Corp. Electronic counting apparatus with feedback circuits to prevent miscounting. 3,201,699, 8–17–65, Cl. 328—45.
Maring, Robert J., to United States of America, Federal Aviation Agency. Light responsive system including load circuit with solid state switch. 3,209,154, 9–28–65. Cl. 250—214.
Maring, Walter D. Exhaust treating device. 3,214,902, 11–2–65, Cl. 60—30.
Marini, Aldo, to Mario Pagano, S.p.A. Dynamic thrust electromagnetic compressor, particularly suitable for compressing liquid or gaseous substances. 3,196,797, 7–27–65, Cl. 103—53.
Marino, Angelo. Elastic amusement toy. 3,179,409, 4–20–65, Cl. 272—57.
Marino, Anthony J., A. M. Belfiore, and A. F. Graf von Soden. Tool punch with spring actuated impact means. 3,176,399, 4–6–65, Cl. 30—367.
Marino, Frank J., to L. Marino, Inc. Cargo loading tent. 3,183,916, 5–18–65. Cl. 135—6.
Marino, Joseph, to Westinghouse Electric Corp. Compression contacted semiconductor devices. 3,170,098, 2–16–65, Cl. 317—234.
Marino, L., Inc.: *See*—
Marino, Frank J. 3,183,916.
Marino, Nicholas A., to Sears, Roebuck and Co. Combination maternity-nursing bra-slip. 3,176,692, 4–6–65, Cl. 128—454.
Marino, Nicholas A., to Sears, Roebuck and Co. Adjustable garment. 3,191,603, 6–29–65, Cl. 128—506.
Marino, Nicholas A., to Sears, Roebuck and Co. Brassiere. 3,220,415, 11–30–65, Cl. 128—489.
Marino, Nicholas A., to Sears, Roebuck and Co. Girdle. 3,221,749, 12–7–65, Cl. 128—528.
Marino, Philip M.: *See*—
Chung, David H., and Marino. 3,201,608.
Marino, Salvatore. Lettering guide line instrument. 3,166,-847, 1–26–65, Cl. 33—41.
Marino, Thomas. Manhole steps. 3,200,903, 8–17–65, Cl. 182—92.
Marinow, Ivan: *See*—
Bakish, Robert, Irish, and Marinow. 3,188,230.
Bakish, Robert, Irish, and Marinow. 3,198,167.
Bakish, Robert, Marinow, and Gellar. 3,190,262.
Marion, Charles P.: *See*—
Schlinger, Warren G., Brodeur, and Marion. 3,224,959.
Marion, Frank A., to Rocket Power, Inc. Brake actuated harness reel. 3,220,747, 11–30–65, Cl. 280—150.
Marion, George F., T. L. Treitler, and P .A. Munger, to Colgate-Palmolive Co. Liquid detergent composition. 3,211,660, 10–12–65. Cl. 252—137.
Marion, Thomas E.: *See*—
Carter, Paul H., Marion, and Morse. 3,193,638.
Carter, Paul H., Morse, and Marion. 3,171,367.
Marion, Thomas E., and R. L. Morse, to Universal Machine Co., Inc. Feeding mechanism for filling machine. 3,168,-216, 2–2–65, Cl. 221—299.
Mariotti, Anthony. Solar oriented globe device. 3,197,893, 8–3–65, Cl. 35—45.
Marisic, Milton M., and M. L. Hoffman, to General Dynamics Corp. Method and apparatus for carbonating liquids. 3,211,331, 10–12–65, Cl. 222—1.
Mariz, Carl L.: *See*—
Mitacek, John, Mariz, and Pennington. 3,190,868.
Mark, Alexander H., J. Necas, and J. M. Brzustowski, to Massey-Ferguson Ltd. Compact combine. 3,212,243, 10–19–65, Cl. 56—21.
Mark, Andre. Pneumatic drier of the two-biconical drying chamber type. 3,178,830, 4–20–65, Cl. 34—57.
Mark Chemical Co.: *See*—
Bills, Lloyd W., and Hoiberg. 3,186,433.
Mark, Clayton, & Co.: *See*—
Oetjens, Robert W. 3,199,528.
Mark, Edward H., to Interstate Industries, Inc. Floor anchor. 3,213,580, 10–26–65, Cl. 52—292.
Mark, Herbert A.: *See*—
Granryd, Thorvald G., and Mark. 3,171,555.
Mark, Herman F., to The Western Petrochemical Corp. Novel polymerized compositions of a wax, hydrocarbon polymer and a polymeric polar organic compound. 3,171,-825, 3–2–65, Cl. 260—28.5.
Mark, Herman F., to The Western Petrochemical Corp. Textile finishes. 3,201,362, 8–17–65, Cl. 260—28.5.
Mark, Jacob G., and R. Gabler, to W. R. Grace & Co. Process for waterproofing of cellulosic materials. 3,203,912, 8–31–65, Cl. 260—9.
Mark, Larry D.: *See*—
Fine, Homer L., and Mark. 3,205,859.
Mark, Peter H.: *See*—
Grey, David S., and Mark. 3,179,808.
Mark, Richard S.: *See*—
Aguilar, Hector V., and Mark. 3,221,113.
Mark Steel Stamp Corp.: *See*—
Miller, Seward S. 3,177,104.
Mark, Victor, to Monsanto Co. Allenic phosphorus derivatives. 3,197,497, 7–27–65, Cl. 260—461.
Mark, Victor, to Monsanto Co. Bactericide. 3,205,274, 9–7–65. Cl. 260—648.
Mark, Victor, to Monsanto Co. Methylene substituted bicyclic compounds. 3,221,067, 11–30–65, Cl. 260—648.
Markanov, Fjodor S.: *See*—
Karakashjan, Zaven O., Timoshuk, and Markanov. 3,193,112.
Markant, Henry P., to The Babcock & Wilcox Co. Method of and apparatus for the recovery of heat and chemicals from hot dust laden gas. 3,212,235, 10–19–65, Cl. 55—48.
Markarian, Moushy, to Sprague Electric Co. Solid electrolyte capacitor with surface-contacting cathode lead. 3,206,-658, 9–14–65, Cl. 317—230.
Markels, Michael, Jr., and R. N. Eichbauer, to Atlantic Research Corp. Process for producing finely divided rounded particles. 3,222,231, 12–7–65, Cl. 149—2.
Markem Machine Co.: *See*—
Tripp, Kenneth F. 3,176,611.
Marken, Glenn C.: *See*—
Leach, Harry S., and Marken. 3,222,407.
Marker, Hannes. Adjustable spring-loaded positioning device in safety-ski bindings. 3,172,677, 3–9–65, Cl. 280—11.35.
Marker, Hannes, to Dr. h.c. Georg von Opel. Safety front jaw for ski bindings or fastenings. 3,201,140, 8–17–65, Cl. 280—11.35.
Marker, Hannes. Adjustable spring-loaded positioning device in safety-ski bindings. 3,222,079, 12–7–65, Cl. 280—11.35.
Marker, Roy C.: *See*—
Norris, Neil J., Marker, and Post. 3,222,563.
Markert, Francis C., and G. Q. Eurich, to Slaymaker Lock Co. Padlock and the like. 3,194,033, 7–13–65, Cl. 70—38.
Markesan Products Co.: *See*—
McKnight, Elmer R. 3,187,912.
Market Forge Co.: *See*—
Binding, Kenneth W. 3,226,159.
Savio, Joseph. 3,168,642.
Swanson, Herbert F. 3,192,734.
Markevich, George: *See*—
Brown, Harry W., Sr., and Markevich. 3,188,666.

Markevitch, Igor, to Arnav Industries, Inc. Dehydrator. 3,208,203, 9–28–65, Cl. 55—387.
Markey, Joseph W.: *See*—
Barker, James E., Markey, and Satterwhite. 3,218,129.
Markey, Peter, and J. F. L. Roberts, to Imperial Chemical Industries Ltd. Stretching process. 3,200,183, 8–10–65, Cl. 264—290.
Markgraf, Robert W.: *See*—
Musser, C Walton, and Markgraf. 3,194,118.
Markham, Bill, to Lakeside Industries, Inc. Chance controlled game apparatus with apertured game board and disk with indicia visible through said apertures. 3,195,896, 7–20–65, Cl. 273—135.
Markhart, Albert H.: *See*—
Kass, Robert E., Markhart, and Lavin. 3,164,561.
Lavin, Edward, Kass, and Markhart. 3,207,626.
Lavin, Edward, Markhart, and Hunt. 3,190,770.
Lavin, Edward, Markhart, and Hunt. 3,220,882.
Lavin, Edward, Markhart, and Kass. 3,190,856.
Markisen, Russell G., to Walker Mfg. Co. Pipe joint having internally stressed flange providing continuing axial bias. 3,179,449, 4–20–65, Cl. 285—368.
Markisen, Russell G., to Walker Mfg. Co. Connector. 3,216,750, 11–9–65, Cl. 285—179.
Märkl, Georg, to Felten & Guilleaume Fernmeldeanlagen G.m.b.H. Amplifier regulation control means for a communications relay station. 3,177,429, 4–6–65, Cl. 325—2.
Markle, Jacob E., and R. L. Whitcomb, Jr. Combination sales register and game. 3,181,868, 5–4–65, Cl. 273—139.
Marklein, William R.: *See*—
Goldman, Richard G., and Marklein. 3,189,767.
Markley, Francis X.: *See*—
Arlt, Herbert G., Jr., Fitchett, and Markley. 3,201,398,
Marklund, Erland K. G.: *See*—
Rehnstrom, Dick L., and Marklund. 3,204,983.
Markman, Abraham: *See*—
Soderman, Rune H. I., and H. L. and A. Markman. 3,166,648.
Markman, Herbert L.: *See*—
Soderman, Rune H. I., and H. L. and A. Markman. 3,166,648.
Markovics, Marton: *See*—
Bartfai, Bela M., Gonczi, Hajdu, Markovics, Ronai, and Szucs. 3,185,591.
Markow, Demeter K., A. Scherleitner, and A. Sandri, to Waagner-Biro Aktiengesellschaft. Method and apparatus for cooling industrial furnace installations. 3,212,476, 10–19–65, Cl. 122—7.
Markow, Edward G., to Grumman Aircraft Engineering Corp. Resilient wheel. 3,182,705, 5–11–65, Cl. 152—12.
Markowicz, Martin S., to Ford Motor Co. Apparatus to trim resin from the edge of laminated sheets. 3,165,433, 1–12–65, Cl. 156—271.
Markowitz, Meyer M., to Foote Mineral Co. Propellant compositions containing stabilized ammonium perchlorate. 3,172,793, 3–9–65, Cl. 149—19.
Markowitz, Meyer M., to Foote Mineral Co. Controlling the decomposition rate of lithium perchlorate. 3,175,979, 3–30–65, Cl. 252—186.
Markowitz, Meyer M., to Foote Mineral Co. Method of generating electricity from lithium and nitrogen. 3,208,882, 9–28–65, Cl. 136—86.
Marks, Alvin M. and M. M. Multi-element electro-optic crystal shutter. 3,167,607, 1–26–65, Cl. 88—61.
Marks, Alvin M., and E. Barreto, to Marks Polarized Corp. Power conversion device. 3,191,077, 6–22–65, Cl. 310—5.
Marks, Alvin M. Light polarizing structures incorporating uniaxial and linear polarizers. 3,205,775, 9–14–65, Cl. 88—65.
Marks, Bert H.: *See*—
Sperry, Leonard J., and Marks. 3,170,099.
Marks, Charles E.: *See*—
Bolomey, Rene A., and Marks. 3,222,439.
Marks, Craig, to General Motors Corp. Three phase piezoelectric generator. 3,168,660, 2–2–65, Cl. 310—8.7.
Marks, Eldon A. Elevating mechanism for trailers. 3,214,136, 10–26–65, Cl. 254—10.
Marks, Eugene A., D. R. Mowry, R. B. Sperling, and E. M. Wilson, to Bourns, Inc. Pressure potentiometer arrangement. 3,172,069, 3–2–65, Cl. 338—41.
Marks, Eugene A., J. A. Bentsen, and W. R. Hofmann, to Bourns, Inc. Potentiometric transducer. 3,173,120, 3–9–65, Cl. 338—36.
Marks, George M. Electric thread cutting apparatus. 3,167,097, 1–26–65, Cl. 139—266.
Marks, Henry C., R. R. Joiner, and G. U. Glasgow, to Wallace & Tiernan Inc. Products and procedures for effecting treatment with chlorinous gas. 3,183,057, 5–11–65, Cl. 21—58.
Marks, Milton M.: *See*—
Deakins, Thomas A., and Marks. 3,208,114.
Marks, Mortimer M.: *See*—
Marks, Alvin M. and M. M. 3,167,607.
Marks Polarized Corp.: *See*—
Marks, Alvin M., and Barreto. 3,191,077.
Marks, Richard H., to C. P. Clare & Co. Method of making a switching assembly. 3,222,758, 12–14–65, Cl. 29—155.5.
Marks, Ronald H. Method and apparatus for producing a fabric. 3,214,943, 11–2–65, Cl. 66—125.
Marks, William M., and N. D. Dyer, to Dresser Industries, Inc. Air-cooled hoist. 3,214,140, 10–26–65, Cl. 254—186.
Markstrom, Paul F. Bowling scoring and display device and means for gathering, storing, processing and reproducing information therefrom. 3,202,803, 8–24–65, Cl. 235—92.
Marksway Enterprise A.G.: *See*—
Glass, Muriel H. 3,201,808.
Markus, George, to Aristocrat Leather Products, Inc. Billfold with gusset pocket. 3,166,111, 1–19–65, Cl. 150—38.
Markus, Richard L., to Stepan Chemical Co. Process for the preparation of rose oxide. 3,166,576, 1–19–65, Cl. 260—345.1.
Markus, Richard L., to White Laboratories, Inc. Process of treating diarrhea with resins. 3,202,577, 8–24–65, Cl. 167—55.
Markwardt, Anton H., to Peerless Gear & Engineering, Inc. Plow attachment for vehicles. 3,201,878, 8–24–65, Cl. 37—42.
Markway, Le Roy H.: *See*—
Braun, Steven S., Markway, Chrismer, and Burks. 3,202,732.
Markwood, William H., Jr., to Hercules Powder Co. Uniaxial orientation of polypropylene film. 3,214,503, 10–26–65, Cl. 264—210.
Marlan Co.: *See*—
Dunn, Lyman D. 3,208,310.
Dunn, Lyman D., and Gambicki. 3,225,801.
Gembicki, Stanley, and Dunn. 3,223,815.
Hill, James J. 3,205,995.
Marland Foundation: *See*—
Marland, Joseph A. 3,190,556.
Marland, Joseph A. One-way clutch with splash and gravity flow lubricating system. 3,175,667, 3–30–65, Cl. 192—113.
Marland, Joseph A. One-way clutch, bearing and cooling means therefor. 3,181,674, 5–4–65, Cl. 192—113.
Marland, Joseph A., to Marland Foundation. Radiant and hot air heating system. 3,190,556, 6–22–65, Cl. 237—50.
Marland, Joseph A., and C. W. Hill; said Hill, assor. to said Marland. One way clutch with electromagnetic brake controlled back stop. 3,189,145, 6–15–65, Cl. 192—12.
Marland, Joseph A., and C. W. Hill; said Hill assor. to said Marland. One-way clutch with lubricant containing housing. 3,198,305, 8–3–65, Cl. 192—113.
Marland, Joseph A., and C. W. Hill; said Hill assor. to said Marland. One-way clutch. 3,204,738, 9–7–65, Cl. 192—113.
Marler, Arnold H. Combined handle and pouring spout. 3,181,733, 5–4–65, Cl. 222—83.
Marler, Arnold H. Handle and pouring spout with attaching means. 3,185,358 5–25–65, Cl. 222—475.
Marler, Arnold H. Handles. 3,185,515, 5–25–65, Cl. 294—27.
Marlette, Goley R., and W. D. Winfree, to Vac Hosiery Corp. Non-run hosiery and method of forming same. 3,212,298, 10–19–65, Cl. 66—178.
Marlette, Goley R., and N. M. Pierce. Circular hosiery knitting machine. 3,212,300, 10–19–65, Cl. 66—48.
Marley Co., The: *See*—
cooling towers. 3,226,098, 12–28–65, Cl. 261—24.
Shryock, Howard A. 3,226,098.
Marley, Daniel B. Spraying apparatus for washing cattle. 3,221,708, 12–7–65, Cl. 119—158.
Marley, David J. Hydrodynamic foil bearings with bearing foil retaining means. 3,215,480, 11–2–65, Cl. 308—121.
Marley, James A., Jr.: *See*—
MacAvoy, Thomas C., and Marley. 3,199,961.
Marley, John, to Hazeltine Research, Inc. Magnetic deflection yoke. 3,195,025, 7–13–65, Cl. 317—200.
Marley, John M., to Clearway Couplings Ltd. Quick-release fastening. 3,192,586, 7–6–65, Cl. 24—196.
Marley, Stanford. Reversible rotary hosiery mending apparatus. 3,196,638, 7–27–65, Cl. 66—1.
Marlo, Arvid. Molding unit. 3,175,250, 3–30–65, Cl. 18—39.
Marlo Coil Co.: *See*—
Pellegrini, Louis C. 3,215,347.
Marlow, Anthony V., and W. A. M. Allen, to Henry Simon, Ltd. Flour milling process. 3,211,385, 10–12–65, Cl. 241—11.
Marlow, Keith H., and J. H. Want, to Ferguson Radio Corp. Ltd. Channel selectors for television receivers. 3,187,589, 6–8–65, Cl. 74—10.7.
Marlowe, Bernard, R. L. Raymond, and J. D. Douros, Jr., to Sun Oil Co. Methods and compositions for improving secondary recovery of oil. 3,206,398, 9–14–65, Cl. 252—8.55.
Marlowe, Bernard, R. L. Raymond, and J. D. Douros, Jr., to Sun Oil Co. Oil well drilling fluid spoilage inhibitors. 3,223,621, 12–14–65, Cl. 252—8.5.
Marmac Co., The: *See*—
McCreery, Robert B. 3,181,436.
Marman, John E.: *See*—
Wampler, Frank D., and Marman. 3,205,853.
Wampler, Frank D., Smith, and Marman. 3,166,438.
Marmet Corp.: *See*—
Seliger, Glenn F. 3,163,891.
Marmo, Michael L., and R. F. Walsh. Electrically propelled toy vehicles with removable magnetic elements bridging contacts. 3,169,345, 2–16–65, Cl. 46—241.
Marmon-Harrington Co., Inc.: *See*—
Long, John B., and Blair. 3,169,796.
Marmor, Adrian, and W. E. Colburn, to Brewer Pharmacal Engineering Corp. Bed and cylinder tape printing machine. 3,183,834, 5–18–65, Cl. 101—260.
Marn, Alan D.: *See*—
Wright, Esmond P. G., and Marn. 3,226,681.
Marner, Alfred W., Jr.: *See*—
Ross, John W., Marner, and Millar. 3,179,781.
Maro, Joseph J., to Waldorf Paper Products Co. Tube display. 3,166,281, 1–19–65, Cl. 248—108.

Maro, Joseph J., to Waldorf Paper Products Co. Display folder. 3,185,292, 5–25–65, Cl. 206—45.14.
Marock, Otto: *See*—
Ziegler, Horst, and Marock. 3,196,663.
Maropis, Nicholas: *See*—
Bancroft, Dennison, Elmore, Jones, and Maropis. 3,166,-840.
Jones, James B., and Maropis. 3,201,864.
Jones, James B., McKay, Maropis, and Boyd. 3,210,724.
Maropis, Nicholas, to Aeroprojects Inc. Method and apparatus for delivering vibratory energy. 3,184,842, 5–25–65, Cl. 29—471.
Marosy, Andre. Separable fastener. 3,165,804, 1–19–65, Cl. 24—230.
Marotta, Carl D.: *See*—
Sederlund, William W., and Marotta. 3,200,091.
Sederlund, William W., and Marotta. 3,200,094.
Marotta, Nicholas G., and J. J. Ryan, to National Starch and Chemical Corp. Method for the preparation of dustless starches. 3,173,807, 3–16–65, Cl. 127—32.
Marotta Valve Corp.: *See*—
Worden, Donald A., and Smolen. 3,181,560.
Marous, Leonard F., and C. D. McCleary, to United States Rubber Co. Polymerization catalyst for vinyl chloride. Re. 25,763, 4–13–65, Cl. 260—92.8.
Marpe, Donald E.: *See*—
Johnson, Lloyd A., and Marpe. 3,170,038.
Marple, Walter L., to Whirlpool Corp. Automatic laundry apparatus having a super wash cycle. 3,197,980, 8–3–65, Cl. 68—12.
Marquardt Corp., The: *See*—
Babbitt, Robert P., and Wieveg. 3,218,860.
Boardman, Warren P., Jr. 3,178,884.
Brueggemann, Harry P. 3,203,328.
Caldwell, William I. 3,178,151.
Carpenter, Dale L. 3,220,382.
Davids, Clifford B., and Thorsell. 3,190,227.
Enikeieff, Oleg C., West, and Dye. 3,221,304.
Halbach, Carl R. 3,220,254.
Heckert, Bruce J. 3,220,180.
Rosman, Irwin E. 3,224,678.
Marquardt, Eugene E.: *See*—
Rabenda, Edward J., and Marquardt. 3,177,471.
Marquardt, Günter: *See*—
Wenzel, Ehrhard, and Marquardt. 3,200,855.
Marquardt, Julius F.: *See*—
Moreno, Emil F., Domes, and Marquardt. 3,175,819.
Moreno, Emil F., Marquardt, and Domes. 3,189,119.
Marquart, Gail E. and H. L. Simulated bible book. 3,175,-305, 3–30–65, Cl. 35—23.
Marquart, Helen L.: *See*—
Marquart, Gail E. and H. L. 3,175,305.
Marquez, Justin J. Method of cutting with a convertible chip knife. 3,220,447, 11–30–65, Cl. 144—309.
Marquez, Ralph, and W. J. Bua, to Productive Ideas Unlimited, Inc. Package convertible to a toy. 3,195,265, 7–20–65, Cl. 46—11.
Marquis, Donald P., and M. A. Schultz, to General Motors Corp. Directional signal switch operating mechanism. 3,207,867, 9–21–65, Cl. 200—61.34.
Marquis, John E., and R. E. Carpenter, to The Glidden Co. Pink ceramic stain and process. 3,189,475, 6–15–65, Cl. 106—299.
Marra, Daniel A., Sr. Scarfing torch tip. 3,181,588, 5–4–65, Cl. 158—27.4.
Marra, Ivan L., to Fre-Mar Industries. Process for producing sealing material. 3,187,070, 6–1–65, Cl. 264—171.
Marrable, Christopher D.: *See*—
Chapman, Alan, Marrable, Mills, and Price. 3,171,710.
Marralaud Inc.: *See*—
Bell, James F. 3,184,961.
Marrel, A., Etablissements: *See*—
Pras, Marcel. 3,172,670.
Marriott-Hot Shoppes, Inc.: *See*—
Schroeder, Edward W. 3,166,235.
Marrison, Warren A., to Thompson Ramo Wooldridge, Inc. Electrodeless vapor discharge lamp with auxiliary voltage triggering means. 3,196,312, 7–20–65, Cl. 315—171.
Marro, Giovanni: *See*—
Evangelisti, Giuseppe, Marro, Belardinelli, Sarti, Grandi, Bonfiglioli, and Righetti. 3,207,889.
Marron, John W. Bulldozer attachment. 3,200,891, 8–17–65, Cl. 172—197.
Marrotte, John L. Magnetic compass for aircraft. 3,193,944, 7–13–65, Cl. 33—223.
Marrs, Roscoe E., to General Electric Co. Method and apparatus for controlling the thickness of rolled strip material. 3,170,344, 2–23–65, Cl. 80—35.
Marryat & Place Ltd.: *See*—
Horabin Ivan S. 3,203,455.
Mars, Pieter to Stamicarbon N.V. Hydrogenation of benzoic acid to cyclohexane-carboxylic acid. 3,210,411, 10–5–65, Cl. 260—514.
Marsal, Jeannette Y.: *See*—
Marsal, Paul A., and Tasch. 3,164,764.
Marsal, Paul, to United States of America, Navy. Deferred action battery. 3,211,588. 10–12–65, Cl. 136—90.
Marsal, Paul A., deceased (by J. Y. Marsal, executrix), and A. Tasch, to Union Carbide Corp. Cell charging device. 3,164,764. 1–5–65, Cl. 320—53.
Marschak, Howard J. Display stand. 3,174,442, 3–23–65, Cl. 108—27.
Marschak. Howard J. Expandable and adjusatble display unit. 3,174,627, 3–23–65, Cl. 211—57.
Marschak, Howard J. Price tag molding and the manner of attaching same. 3,204,357, 9–7–65, Cl. 40—16.
Marschak, Howard J. Display and storage shelving. 3,225,-719, 12–28–65, Cl. 108—61.
Marschalko, Cornell S.: *See*—
Lee, Walter, Hoover, and Marschalko. 3,201,113.
Marschnerf, Charles F., to Huck Mfg. Co. Universal grip lockbolt. 3,203,300, 8–31–65, Cl. 85—7.
Marsden, Charles P., Jr., to United States of America, Army. Rugged miniature electron tube. 3,219,871, 11–23–65, Cl. 313—243.
Marsden, James, to General Electric Co. Silylarylene compositions. 3,167,528, 1–26–65, Cl. 260—46.5.
Marsden, John B.: *See*—
White, Richard E., and Marsden. 3,166,238.
Marsden, Robert H.: *See*—
Howson, David F., Marsden, and Hamblin. 3,205,950.
Marsden, Roy, to The Superheater Co. Ltd. Methods of electric arc butt welding. 3,223,816, 12–14–65, Cl. 219—61.
Marsee, Frederick J.: *See*—
Sterner, Melvin F., Romeo, Marsee, and Egerer. 3,207,490.
Marsee, Frederick J., N. M. Romeo, and J. Dirda, to Holley Carburetor Co. Carburetor main fuel nozzle. 3,168,599, 2–2–65, Cl. 261—65.
Marsel, Charles J.: *See*—
Happel, John, and Marsel. 3,198,848.
Marsello, Bernard D., to Monsanto Co. Three-section cascade. 3,166,924, 1–26–65, Cl. 68—19.
Marsello, Bernard D., to Monsanto Co. Cascade squeeze rolls. 3,176,483, 4–6–65, Cl. 68—43.
Marsh, Adam J., to The North American Coal Corp. Method of recovering mono-acidic aluminum sulfate hydrate. 3,193,345, 7–6–65, Cl. 23—123.
Marsh, Denis J.: *See*—
Cooke-Yarborough, Edmund H., Wilkins, and Marsh. 3,210,573.
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Schaschl, Edward, and Marsh. 3,164,009.
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Schaschl, Edward, and Marsh. 3,207,983.
Marsh, Glenn A., to The Pure Oil Co. Method and apparatus for detecting changes in composition of liquid flowing through a pipe line. 3,192,473, 6–29–65, Cl. 324—61.
Marsh, Glenn A., to The Pure Oil Co. Electrical resistance corrosion probe. 3,197,724, 7–27–65, Cl. 338—13.
Marsh, Glenn A., and E. Schaschl, to The Pure Oil Co. Ferrous electrode. 3,186,931, 6–1–65, Cl. 204—197.
Marsh, Glenn A., and R. L. Littler, to The Pure Oil Co. Method and apparatus for estimating corrosion rate. 3,197,388, 7–27–65, Cl. 204—1.
Marsh, Glenn A., and E. Schaschl, to The Pure Oil Co. Process for determining cathodically protecting current densities. 3,207,678, 9–21–65, Cl. 204—1.
Marsh, Glenn A., and E. Schaschl, to The Pure Oil Co. Electrical device having uniquely positioned electrodes for determining metal loss from tubular members. 3,207,981, 9–21–65, Cl. 324—65.
Marsh, Glenn A., and E. Schaschl, to Union Oil Co. of California. Unitary corrosion test probe having a tubular reference specimen. 3,222,920, 12–14–65, Cl. 73—86.
Marsh, Glenn A., and A. E. Wolter, to Union Oil Co. of California. Method and apparatus of eliminating spark hazards. 3,223,604, 12–14–65, Cl. 204—147.
Marsh, Harry A., Jr., to E. J. Lavino and Co. Interlocking brick. 3,199,477, 8–10–65, Cl. 110—99.
Marsh, Harry A., Jr., to E. J. Lavino and Co. Interlocking pin-socket refractory brick. 3,204,586, 9–7–65, Cl. 110—99.
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Marsh, James C.: *See*—
Juvinall, James W., Kock, and Marsh. 3,169,882.
Marsh, John L.: *See*—
Eckardt, Hans F., and Marsh. 3,202,162.
Marsh, Julius E. Process for sanding the edge surfaces of lumber. 3,199,255, 8–10–65, Cl. 51—326.
Marsh, Lynn W., Jr.: *See*—
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Bloch, Richard M., Deerfield, and Marsh. 3,183,488.
Marsh, Lynn W., Jr., to Anelex Corp. Hammer suspension for high speed printer. 3,187,668, 6–8–65, Cl. 101—93.
Marsh, Lynn W., Jr., to Anelex Corp. Pulse retiming system. 3,189,835, 6–15–65, Cl. 328—63.
Marsh, Lynn W., Jr., to Anelex Corp. Control system for high speed printers. 3,215,985, 11–2–65, Cl. 340—172.5.
Marsh, Owen T. Convertible carton. 3,190,532, 6–22–65, Cl. 229—8.
Marsh, Owen T. Puzzle locking device. 3,216,558, 11–9–65, Cl. 206—1.5.
Marsh Steel & Aluminum Co.: *See*—
Kimmel, Albert L. 3,192,075.
Marsh Stencil Machine Co.: *See*—
McLemore, Terrell R. 3,186,024.
Marsh, Walter H. W., W. B. Strait, and M. R. Laidig, to The Singer Co. Zigzag mechanism for sewing machines. 3,191,-559, 6–29–65, Cl. 112—158.

Marsh, William S.: *See*—
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Marshall, Arthur N. Method of speel indication. 3,182,331, 5–4–65, Cl. 346—1.
Marshall, Bruce D.: *See*—
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Marshall, Charles E., to Potter Instrument Co., Inc. Transistor operated servo system using direct current motors. 3,181,051 4–27–65, Cl. 318—341.
Marshall, Charles W., to G. D. Searle & Co. 3-aminoalkyl ethers of 17-oxygenated androst-5-en-3-ols and 20-oxygenated pregn-5-en-3-ols, and 5α,6-dihydro compounds corresponding. 3,206,457, 9–14–65, Cl. 260—239.5.
Marshall, Charles W., to G. D. Searle & Co. Aminoalkyl esters of 3β-hydroxypregn-5-en-20-one. 3,215,689, 11–2–65, Cl. 260—239.5.
Marshall, Charles X., ½ to G. F. Sager. Mounting assembly for a toilet flush ball. 3,181,177, 5–4–65, Cl. 4—57.
Marshall, Clifford D., and P. B. Kelly, to Shell Oil Co. Base coated with a linear thermoplastic polyether. 3,177,089, 4–6–65, Cl. 117—72.
Marshall, David J.: *See*—
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Marshall, David M., and A. B. Steever, to The Babcock & Wilcox Co. Method and apparatus for igniting and burning gaseous fuel. 3,202,200, 8–24–65, Cl. 158—109.
Marshall, David W., to Continental Oil Co. Preparation of ketones. 3,168,570, 2–2–65, Cl. 260—593.
Marshall, Don J., to Dixon Valve & Coupling Co. Hose coupling connection. 3,167,331, 1–26–65, Cl. 285—27.
Marshall, Don J., to Dixon Valve & Coupling Co. Hose coupling connection for wire reinforced elastomeric cables. 3,189,370, 6–15–65, Cl. 285—27.
Marshall, Don J., to Dixon Valve & Coupling Co. Pressure responsive fluid tight hose coupling. 3,222,091, 12–7–65, Cl. 285—95.
Marshall, Donald I., to Western Electric Co., Inc. Methods of forming spherical particles of crystallizable thermoplastic polymers. 3,207,818, 9–21–65, Cl. 264—14.
Marshall, Douglas W., and S. J. Roschuk, to Norton Co. Fused alumina-zirconia abrasives. 3,181,939, 5–4–65, Cl. 51—309.
Marshall, Edmund V.: *See*—
Baylor, Robert N., King, and Marshall. 3,177,811.
Marshall, George S.: *See*—
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Marshall, Harry L., and R. J. Rorden, to Varian Associates. Temperature control system. 3,213,929, 10–26–65, Cl. 165—35.
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Marshall, Howard D., to Western Electric Co., Inc. Electrical circuit for testing the current-voltage relationship of electrical devices. 3,212,001, 10–12–65, Cl. 324—62.
Marshall, James W., to The Black and Decker Mfg. Co. Armature and method of making the same. 3,212,170, 10–19–65, Cl. 29—155.53.
Marshall, John H., to International Business Machines Corp. Method of making a printed circuit and base therefor. 3,171,756, 3–2–65, Cl. 117—212.
Marshall, John H., to International Business Machines Corp. Process of producing metallic deposits. 3,222,207, 12–7–65, Cl. 117—47.
Marshall, John R.: *See*—
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Marshall, Johnny H., ½ to A. I. Collins. Clothes hanger loader, carrier, and unloader. 3,226,147, 12–28–65, Cl. 294—15.
Marshall, Maurice B., to Consolidated Electronics Industries Corp. Motion damper for intermittent rotary devices. 3,197,659, 7–27–65, Cl. 310—49.
Marshall, Mervin D., to Callery Chemical Co. Preparation of amine-boranes. 3,192,217, 6–29–65, Cl. 260—290.
Marshall, Paul N.: *See*—
Wozena, Peter W., Belfry, Gionet, and Marshall. 3,211,492.
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Zimmer, Frantisek, and Marshall. 3,173,522.
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Such, John J., and Marshall. 3,218,381.
Marshall, Preston F., to The Kendall Co. Dampening roll cover. 3,180,115, 4–27–65, Cl. 66—170.
Marshall, Raymond. Poultry cooling method and apparatus. 3,164,967, 1–12–65, Cl. 62—63.
Marshall, Raymond T., to Gustin-Bacon Mfg. Co. Mat flexibility gauging device. 3,195,348, 7–20–65, Cl. 73—100.
Marshall, Richard C., to George Kent Ltd. Direct current integrating circuits. 3,168,658, 2–2–65, Cl. 307—88.5.
Marshall, Robert M., to Allegheny Plastics, Inc. Steam jet. 3,175,772, 3–30–65, Cl. 239—602.
Marshall, Thomas G., Jr., to Radio Corp. of America. Impedance inverter coupled negative resistance amplifiers. 3,187,266, 6–1–65, Cl. 330—34.
Marshall, Thomas G., Jr., to Radio Corp. of America. Voltage and phase memory system. 3,193,770, 7–6–65, Cl. 328—155.
Marshall, Thomas S., to The Garrard Engineering & Mfg. Co. Ltd. Stereophonic electrostatic pick-up. 3,184,555, 5–18–65 ,Cl. 179—100.41.
Marshall, Walter R.: *See*—
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Marshall and Williams Corp.: *See*—
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Marshall, Wilton R., to Halliburton Co. Telescoping lubricator assembly for wireline operations. 3,212,581, 10–19–65, Cl. 166—84.
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Marsico, Vincent J. Means for and method of cutting hair. 3,223,092, 12–14–65, Cl. 132—7.
Marta, Francis A., to Square D Co. Electrical connector. 3,187,299, 6–1–65, Cl. 339—272.
Martahus, Donald J., and R. L. Hess, to Westinghouse Electric Corp. Terminal connection for terminal bushing. 3,173,988, 3–16–65, Cl. 174—75.
Martel, Bob E.: *See*—
Chapman, Aubrey I., Jr., and Martel. 3,184,735.
Martel, Jacques: *See*—
Muller, Georges, and Martel. 3,184,504.
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Martelli, Ann F.: *See*—
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Martelli, Guido, Nerio, and Francesco. 3,181,202.
Martelli, Guido, N. and F., to Compagnia Italiana Nest-Pack S.p.A. Rotary machine for the combined automatic vacuum- and pressure-forming of continuous thermoplastic bands. 3,181,202, 5–4–65, Cl. 18—19.
Martelli, Luigi, and C. Reinberg. Electronic self-contained apparatus for sound or voice communication. 3,210,723, 10–5–65, Cl. 340—5.
Martelli, Nerio: *See*—
Martelli, Guido, N. and F. 3,181,202.
Martelli, Nerio, to Solvay & Cie, societe en commandite and Compagnia Italiana Nest-Pack S.p.A. Machine for the corrugation of continuous thermoplastic sheet material. 3,165,783, 1–19–65, Cl. 18—19.
Martello, Chester A.: *See*—
Salotti, Alfred, and Martello. 3,172,937.
Marten, John S.: *See*—
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Martenet, Maurice, to Georg Fischer, Aktiengesellschaft. Method of manufacturing detachable wheel rims. 3,172,787, 3–9–65, Cl. 148—11.5.
Martens, Alexander E.: *See*—
Shankar, Naranappa K., and Martens. 3,202,933.
Martens, Alexander E., to Bausch & Lomb Inc. Modified Wien-bridge RC oscillator. 3,206,697, 9–14–65, Cl. 331—141.
Martens, Donald L.: *See*—
Bartel, Walter A., and Martens. 3,199,236.
Martens, George H. Disc computer for use in pipe bending. 3,199,777, 8–10–65, Cl. 235—78.
Martens, Gunter, to Kienzle Apparate G.m.b.H. Method and arrangement for checking the operative condition of a contact matrix. 3,184,710, 5–18–65, Cl. 340—146.1.
Martens, Jack E., to The Anderson Co. Screw-nut device. 3,164,029, 1–5–65, Cl. 74—424.8.
Martens, Jack E., to The Anderson Co. Motion-transmitting device. 3,178,957, 4–20–65, Cl. 74—424.8.
Martens, Walter J.: *See*—
Clarke, Evans L., and Martens. 3,174,446.
Marti, Charles V. System of performing cutting operations on turning work. 3,171,308, 3–2–65, Cl. 82—2.
Marti, Frederic, to "Industrielle de Precision Marti—I.P.M." Methods of cold extruding metals. 3,199,324, 8–10–65, Cl. 72—42.
Marti, Frederic, and G. Braunschweig. Miniature electric motor. 3,184,623, 5–18–65, Cl. 310—36.
Martin, Afton V., and A. T. Talbato, to Automatic Voting Machine Corp. Public and protective counters. 3,219,270, 11–23–65, Cl. 235—91.
Martin, Afton V., and A. T. Galbato, to Automatic Voting Machine Corp. Detent pointer channel. 3,223,317, 12–14–65, Cl. 235—54.
Martin, Alan. Rivet tool. 3,197,987, 8–3–65, Cl. 72—11.4.
Martin, Albert V., to Honeywell Inc. Electrical measuring apparatus with automatic integrating action. 3,187,186, 6–1–65, Cl. 250—231.
Martin, Allan D., and I. S. Houvener, to The Dow Chemical Co. Extrusion apparatus. 3,172,154, 3–9–65, Cl. 18—12.
Martin, Anthony E.: *See*—
Barnard, Mark C. S., and Martin. 3,216,367.
Martin Automatic Fishing Reel Co., Inc.: *See*—
Maury, Alfred D., and Lyon. 3,175,781.
Martin, Bertice A., and V. W. H. Rassbach, to Sturdi Mfg. Co. Base for washing machines. 3,186,247, 6–1–65, Cl. 137—343.
Martin, Beverly: *See*—
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Martin, Byron N., ½ to D. J. Eardley. Apparatus for beach building. 3,214,916, 11–2–65, Cl. 61—4.
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Martin, Charles L., and M. C. Brown, to ACF Industries, Inc. Carburetor. 3,169,154, 2–9–65, Cl. 261—41.
Martin, Charles M., R. O. Myers, K. C. Le Gros, E. E. Evans, and E. A. Marheine, to Automatic Electric Laboratories, Inc. Automatic telephone answering and message recording system. 3,226,478, 12–28–65, Cl. 179—6.
Martin, Chester C. Chain wrench. 3,205,735, 9–14–65, Cl. 81—68.
Martin, Clarence A. Dental matrix application tool. 3,216,-112, 11–9–65, Cl. 32—63.
Martin, Dalton W.: *See*—
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Martin, Daniel W., to D. H. Baldwin Co. Chorus effects in electronic organ. 3,215,767, 11–2–65, Cl. 84—1.24.
Martin, David G.: *See*—
Kagan, Fred, and Martin. 3,211,723.
Martin, David G., to The Upjohn Co. 3,3-difluoroandrostanes. 3,221,034, 11–30–65, Cl. 260—397.5.
Martin, David G., and W. J. Wechter, to The Upjohn Co. 20-difluoro-pregnanes and methods to prepare same. 3,171,-845, 3–2–65, Cl. 260—397.3.
Martin, Donald F.: *See*—
Godfrey, Charles S., and Martin. 3,176,613.
Martin, Donald W.: *See*—
Mann, Robert L., and Martin. 3,193,785.
Martin, Earl H., and K. A. Johanson, said Johanson assor. to said Martin. Laminated wig with thickened portion adjacent the front edge. 3,165,107, 1–12–65, Cl. 132—53.
Martin, Earl T., and R. F. Theobald, to Pittsburgh Plate Glass Co. Apparatus for producing glass fibers. 3,168,388, 2–2–65, Cl. 65—1.
Martin, Edward R., to Phillips Petroleum Co. Hollow moulded crate. 3,220,596, 11–30–65, Cl. 220—21.
Martin, Elmore L., to E. I. du Pont de Nemours and Co. Hexacyano-2-butene acids and salts and preparation thereof. 3,179,692, 4–20–65, Cl. 260—465.
Martin, Elmore L., and J. K. Williams, to E. I. du Pont de Nemours and Co. Aralkylcyanoforms. 3,166,583, 1–19–65, Cl. 260—465.
Martin, Emmett V., to Eastman Kodak Co. Elastomeric yarn. 3,169,363, 2–16–65, Cl. 57—152.
Martin, Emmett V. Process and apparatus for orienting yarn. 3,221,088, 11–30–65, Cl. 264—181.
Martin, Erich. Pin setting mechanism with means for setting selected pins on correlated pin spots. 3,174,751, 3–23–65, Cl. 273—43.
Martin, Erich. Multi-stage engine and method for operating the engine by combustion. 3,214,907, 11–2–65, Cl. 60—39.16.
Martin, Ernest N. Centrifugal flinger for preventing leakage through a wall. 3,219,321, 11–23–65, Cl. 259—10.
Martin, Ernest N., and D. B. Maxson. Mixing and aerating apparatus. 3,212,757, 10–19–65 Cl. 259—4.
Martin, Erwin H. E., and R. N. Thomson, to Dunlop Rubber Co. Ltd. Floating platforms. 3,171,141, 3–2–65, Cl. 9—11.
Martin, Eugene G.: *See*—
Gehman, Roland P., Martin, and Smith. 3,186,016.
Martin, Fines F.: *See*—
Lacy, John E., and Martin. 3,209,827.
Lacy, John E., and Martin. 3,215,201.
Martin, Floyd E. Pipe forming machine. 3,205,550, 9–14–65, Cl. 25—32.
Martin, Frank A., to The Hoover Co. Coating for steam iron flash boiler. 3,218,741, 11–23–65, Cl. 38—77.
Martin, Frank A., M. E. Bixler, and C. W. Studer, to The Hoover Co. Defoamer bar for suction scrubber. 3,200,080, 8–10–65, Cl. 252—358.
Martin, Frank C. Electrical protection system. 3,193,730, 7–6–65, Cl. 317—46.
Martin, Frank M.: *See*—
Bharucha, Kekhusroo R., and Martin. 3,168,535.
Bharucha, Kekhusroo R., and Martin. 3,176,029.
Martin, Frederick A.: *See*—
Baxter, Joseph, Jr., Corbin, Green, Martin, and Rojecki. 3,215,594.
Martin Geoffrey, to Avco Corp. Thixotropic composition. 3,207,612. 9–21–65. Cl. 106—69.
Martin, George F.: *See*—
Parr, Norman L., and Martin. 3,222,438.
Martin, George F., to The Mead Corp. Container for packaging yarn on spools or bobbins. 3,172,534, 3–9–65, Cl. 206—65.
Martin, George H.: *See*—
Edminson, John A., and Martin. 3,186,176.
Martin, George J., to Parker-Hannifin Corp. Fluid system and relief valve assembly therefor. 3,212,523, 10–19–65, Cl. 137—596.13.
Martin, George R., and N. B. Lorette, to The Dow Chemical Co. Vapor phase preparation of allyl-substituted ketones. 3,188,350. 6–8–65. Cl. 260—586.
Martin, George V., to Western Electric Co., Inc. Apparatus for sorting articles having an asymmetrical end. 3,193,-096, 7–6–65, Cl. 209—74.
Martin, Georges, to Compagnie de Saint-Gobain. Plate column. 3,168,600, 2–2–65, Cl. 261—140.
Martin, Glen E.: *See*—
Zisfein, Melvin B., Curtiss, and Martin. 3,212,515.
Martin, Gordon H.: *See*—
Bredtschneider, Kurt B., and Martin. 3,204,930.
Martin, Gustav J., to William H. Rorer, Inc. Composition comprising N - (3′,4′-dimethoxyphenylethyl-2,6-diketopiperazine and 2 - methyl - 3-ortho-tolyl-4 (3H)quinazolinone. 3,168,439, 2–2–65, Cl. 167—65.
Martin, Gustav J., to William H. Rorer Inc. Anti-inflammatory, anti-edema and anti-thrombi drug. 3,224,942, 12–21–65, Cl. 167—73.
Martin, Hans. Lacing system for footwear, particularly ski-boot fastener. 3,163,900, 1–5–65, Cl. 24—70.
Martin, Harold B.: *See*—
Schwester, Daniel P., Martin, and O'Loughlin. 3,186,-047.
Martin, Harold F., to International Business Machines Corp. Light-sensitive glow discharge apparatus. 3,198,980, 8–3–65, Cl. 315—84.5.
Martin, Harold W., to American Machine & Foundry Co. Sanding machine. 3,187,472, 6–8–65, Cl. 51—174.
Martin & Harris (Private) Ltd.: *See*—
Roy, Krishnabandhu N. 3,198,704.
Martin, Heinz, to Siemens-Schuckertwerke Aktiengesellschaft. Semiconductor devices with cooling plates. 3,226,466, 12–28–65, Cl. 174—15.
Martin, Helmut, and G. Mohring, to Hackethal-Draht und Kabel-Werke Aktiengesellschaft. Helically corrugated waveguide transition section. 3,188,586, 6–8–65, Cl. 333—95.
Martin, Helmut, and G. Mohring, to Hackethal Draht-und Kabel-Werke Aktiengesellschaft. Corrugated waveguides. 3,201,723, 8–17–65, Cl. 333—95.
Martin, Henry, H. Aebi, and L. Ebner, to Ciba Ltd. Carbanilhydroxamic acid esters. 3,165,549, 1–12–65, Cl. 260—552.
Martin, Henry, and H. Aebi, to Ciba Ltd. N-trifluoromethylphenyl urea. 3,177,249, 4–6–65, Cl. 260—552.
Martin, Henry, and H. Aebi, to Ciba Ltd. Method for destroying weeds. 3,184,301, 5–18–65, Cl. 71—2.6.
Martin, Henry, and A. Ruperti, to Ciba Ltd. Treatment of synthetic products, especially synthetic fibers. 3,200,035, 8–10–65, Cl. 167—38.6.
Martin, Henry, H. Aebi, and L. Ebner, to Ciba Ltd. 1-(4-bromophenyl), 3-methoxy, 3-methyl-urea. 3,223,721, 12–14–65, Cl. 260—453.
Martin, Henry N., to The Cincinnati Milling Machine Co. Expandable tool with fluid pressure applicator. 3,193,977, 7–13–65, Cl. 51—397.
Martin, Herbert: *See*—
Hettich, Alfred, Kofink, and Martin. 3,226,206.
Martin, Herbert, to J. Eberspacher. Muffler with dual pairs of curved and perforated chamber defining walls. 3,189,-122, 6–15–65, Cl. 181—56.
Martin, Hollinshead T., A. I. Ericsson, and I. J. Vilcins, to Lignode Corp. Ligature joint and seal therefor. 3,197,-831, 8–3–65, Cl. 24—16.
Martin, Jacques E., to Societe d'Electronique et d'Automatisme. Production of potentiometers. 3,3,11,031, 10–12–65, Cl. 83—5,.
Martin, James. Vehicle ejection seats. 3,173,333, 3–16–65, Cl. 89—1.
Martin, James. Airmen's seat harnesses. 3,178,223, 4–13–65, Cl. 297—385.
Martin, James. Vehicle escape systems. 3,179,359, 4–20–65, Cl. 244—122.
Martin, James. Vehicle escape systems. 3,180,593, 4–27–65, Cl. 244—122.
Martin, James. Ejection of one body from another. 3,186,-662, 6–1–65, Cl. 244—122.
Martin, James. Vehicle ejection seats. 3,202,384, 8–24–65, Cl. 244—122.
Martin, James. Aircraft ejection seats. 3,214,118, 10–26–65, Cl. 244—122.
Martin, James. Aircraft ejection seats. 3,215,376, 11–2–65, Cl. 244—122.
Martin, James. Harness safety device for aircraft seats. 3,220,668, 11–30–65, Cl. 242—107.4.
Martin, James B., and N. B. Howard, to The Procter & Gamble Co. Culinary composition containing edible acidic lipid anhydrides 3,168,405, 2–2–65, Cl. 99—91.
Martin, James C.: *See*—
Elam, Edward U., and Martin. 3,189,643.
Martin, James C., to Eastman Kodak Co. Tertiaryamino cyclobutanones and their production. 3,189,608, 6–15–65, Cl. 260—247.7.
Martin, James H. Retractile stadium seat. 3,170,199, 2–23–65, Cl. 20—1.126.
Martin, James L., to Currency Protection, Inc. Robbery protective device. 3,174,245, 3–23–65, Cl. 42—1.
Martin, James L., to Currency Protection, Inc. Robbery protective device with time delay means. 3,174,246, 3–23–65, Cl. 42—1.
Martin, James R., and C. F. Stockton, to Easy Horse Inc. Saw horse. 3,177,974, 4–13–65, Cl. 182—155.
Martin, James S.: *See*—
Kelly, Robert P., Leek, Martin, Morse, Workman, and Roberts. 3,200,710.
Kelly, Robert P., Leek, Martin, Morse, Nightingale, and Roberts. 3,201,886.
Martin, Janice K., to Shell Oil Co. Isomerization process. 3,192,285, 6–29–65, Cl. 260—683.73.
Martin, Jean: *See*—
De Saint Hardouin, A. T., Martin, and Valentin. 3,203,044.
Martin, Johannes J. Fuel charging apparatus for large furnaces. 3,170,577, 2–23–65, Cl. 214—23.
Martin, John, to Fabricacion De Maquinas, S. A. Blank mold means with pneumatic operated plunger for fabricating seamless high optical quality glass articles. 3,214,258, 10–26–65, Cl. 65—318.

Martin, John, to The Laitram Corp. Apparatus for the treatment of edible crustacea. 3,220,049, 11–30–65, Cl. 17—2.
Martin, John C.: *See*—
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Martin, Louis D., and K. H. Roehrs. Process for fabricating self-lubricating precision support centers. 3,195,221, 7–20–65, Cl. 29—149.5.
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Case, Noel L., and Gilbert. 3,179,063.
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Marx, Walter O. A., deceased, by A. G. Marx (nee Wiemer), G. L. Kemme (nee Marx), U. M. Marx, H. D. Marx, D. F. Marx, heirs, S. G. Marx, minor child (by E. Angelberger, trustee), and R. Chavee, to Knapsack-Griesheim Aktiengesellschaft. Magnesium-manganese alloy for use in a pyrotechnical composition. 3,193,375, 7–6–65, Cl. 75—.5.
Marx, Walter S., Jr., and C. P. Collier, to Printing Arts Research Laboratories, Inc. Method of thermographic reproduction wherein a vaporizable conditioner changes the physical characteristics of a conversion sheet coating. 3,210,544, 10–5–65, Cl. 250—65.
Marxer, Adrain, to Ciba Corp. Vanadium complex salts with hydrazino pyridazines and phthalazines. 3,169,961, 2–16–65, Cl. 260—242.
Marxer, Adrian, to Ciba Corp. Guanyl hydrazones of dialkylaminophenyl lower alkyl ketones. 3,174,978, 3–23–65, Cl. 260—319.
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Marxer, Adrian, to Ciba Corp. 2,5-bis-ethyleneimino-3,6-bis-enanthoylamino-P-benzoquinone. 3,211,721, 10–12–65, Cl. 260—239.
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Marzec, Stanislaus V., to Gerace Electronics Corp. Heat sealing means. 3,165,622, 1–12–65, Cl. 219—243.
Marzendorfer, Jean P., and R. D. Rodd, to Howe Richardson Scale Co. Selective print wheel and indicator. 3,172,354, 3–9–65, Cl. 101—95.
Marzocchi, Alfred, and N. S. Janetos, to Owens-Corning Fiberglas Corp. Glass fibers sized with silane-epoxy resin compound and method. 3,169,884, 2–16–65, Cl. 117—126.
Marzocchi, Alfred, and N. S. Janetos, to Owens-Corning Fiberglas Corp. Sized glass fiber. 3,207,623, 9–21–65, Cl. 117—126.
Marzocchi, Lorenzo. Fastening device. 3,200,458, 8–17–65. Cl. 24—71.
Marzolf, Joseph M. Tunnel diode static inverter. 3,167,723, 1–26–65, Cl. 331—107.
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Mas, Joseph A., to Dynamic Instrument Corp. Battery charger. 3,209,230, 9–28–65, Cl. 320—2.
Masaki, Hitoshi, S. Otobe, A. Kaneda, and Y. Arakawa, to Asahi Denki Kogyo Kabushiki Kaisha. Adjustable vibrating reed relay. 3,213,233, 10–19–65, Cl. 200—90
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Masella, Anthony J., and R. K. Matuschkovitz, to Chemetron Corp. Gas burner for melting and refining scrap metal. 3,202,201, 8–24–65, Cl. 158—109.
Mash, Derek H., to Associated Electrical Industries Ltd. Variable electrical impedances. 3,194,967, 7–13–65, Cl. 250—211.
Mash, Derek H., to Thorn Electrical Industries Ltd. Electroluminescent lamp with a dielectric reflective material. 3,205,393, 9–7–65, Cl. 313—108.
Mash, William R. Single stick hydraulic control system. 3,212,409, 10–19–65, Cl. 91—461.
Masher, James K., and N. Baskevitch, to Shulz Tool and Mfg. Co. Quick disconnect full-flow couplings and unitary socket therefor. 3,177,896, 4–13–65, Cl. 137—594.
Mashinter, William H. Pump. 3,172,368, 3–9–65, Cl. 103—173.
Mashura, John J. Collapsible swimming pool. 3,193,847, 7–13–65, Cl. 4—172.
Masi, Anthony, and J. Di Prinzio, deceased (by A. M. Di Prinzio, executrix). Foundry machine. 3,178,781, 4–20–65, Cl. 22—48.
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Masin, George F., to United States of America, Navy. Photodetector circuit for the detection of weak radiant signals in the presence of a large signal background. 3,194,968, 7–13–65, Cl. 250—214.
Maskal, John, and I. M. Thompson, to The Dow Chemical Co. Preparation of calcium carbonate and the composition so made. 3,197,322, 7–27–65, Cl. 106—306.
Maskell, John S., to Babcock & Wilcox Ltd. Air register with movable vanes. 3,198,235, 8–3–65, Cl. 158—1.5.
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Maslow, Louis. Dish rack. 3,217,890, 11–16–65, Cl. 211—41.
Maslow, Louis. Corner brace. 3,225,720, 12–28–65, Cl. 108—64.
Mason, Albert C., and C. Baker, to Pyrotel Corp. Optical pyrometer. 3,187,574, 6–8–65, Cl. 73—355.
Mason, Avrel, to United States of America, Atomic Energy Commission. Neutronic reactor with interlocking diffuser end grid. 3,212,987, 10–19–65, Cl. 176—61.
Mason, David E., to Ferranti Ltd. Semiconductive electroluminescent devices. 3,207,939, 9–21–65, Cl. 313—108.
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Mason, Frederick P., to Creed & Co. Ltd. Hall effect receiver for mark and space coded signals. 3,194,886, 7–13–65, Cl. 178—88.
Mason, Frederick P., G. J. L. Stevens, and F. G. Smith, to Creed & Co. Ltd. Facsimile system having provision for high speed skipping of blank areas. 3,201,512, 8–17–65, Cl. 178—6.
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Mason, Harold F., J. W. Scott, Jr., and J. W. Unverferth, to California Research Corp. Hydrocracking process. 3,166,489, 1–19–65, Cl. 208—57.
Mason, Harold F., J. H. Taylor, and W. C. Buss, to California Research Corp. Hydrocarbon conversion process and catalyst. 3,172,838, 3–9–65, Cl. 208—61.
Mason, Howard C., to The Fryer Corp. Lumber stacker. 3,169,646, 2–16–65, Cl. 214—6.
Mason, Howard F., to Ansul Chemical Co. Hermetically sealed terminal structure. 3,167,608, 1–26–65, Cl. 174—50.56.
Mason, James A., to Molins Machine Co. Ltd. Knife-feeding arrangements for sickle-shaped knives. 3,169,431, 2–16–65, Cl. 83—356.
Mason, James A., to Warner Electric Brake & Clutch Co. Pilot operated friction clutch. 3,177,995, 4–13–65, Cl. 192—35.
Mason, James A., to Warner Electric Brake & Clutch Co. Magnetic coil clutch. 3,224,536, 12–21–65, Cl. 192—81.
Mason, James C. Hydraulic jarring tool. 3,180,433, 4–27–65, Cl. 173—73.
Mason, James L., to General Motors Corp. Fastening means. 3,181,663, 5–4–65, Cl. 189—88.
Mason, Jerry M., to General Motors Corp. A.M.-F.M. radio receiver. 3,206,680, 9–14–65, Cl. 325—315.
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Mason, Julien J., to Westinghouse Electric Corp. Process for flashing incandescent lamps. 3,208,811, 9–28–65, Cl. 316—1.
Mason, Julien J., to Westinghouse Electric Corp. Electric incandescent lamp having filament of partially recrystalized fibrous structure. 3,210,589, 10–5–65, Cl. 313—315.
Mason, Leo D. Motorized golf cart. 3,174,574, 3–23–65, Cl. 180—25.
Mason, Paul A. Powered combination elevating ladder and crane hoist. 3,197,036, 7–27–65, Cl. 212—8.

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Mason, Ralph A., to Creed & Co. Ltd. Tape storage apparatus. 3,203,607, 8–31–65, Cl. 226—119.
Mason, Ralph B., and C. N. Kimberlin, Jr., to Esso Research and Engineering Co. Removing ash components from coke by leaching. 3,214,346, 10–26–65, Cl. 202—31.
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Mason, Ralph E., and H. P. Wilson, to Vulcan Materials Co. Production of stannous fluoride. 3,172,724, 3–9–65, Cl. 23—88.
Mason, Raymond J., and R. C. Cowgill, to Minarik Electric Co. SCR power supply for motor speed control system. 3,184,672, 5–18–65, Cl. 318—345.
Mason, Richard O., B. L. Wilson, and R. D. Dickmeyer, to International Harvester Co. Control means for a motor vehicle suspension system of the pneumatic type. 3,214,-185, 10–26–65, Cl. 280—6.1.
Mason, Robert B., R. E. Winchester, Jr., and R. G. Strauss, to Monsanto Co. Apparatus for selectively controlling the extrusion of plastic material. 3,217,360, 11–16–65, Cl. 18—14.
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Teller, Aaron J. 3,183,649.
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Massa, Frank, to Dynamics Corp. of America. Electroacoustic transducer. 3,205,476, 9–7–65, Cl. 340—8.
Massa, Frank, to Dynamics Corp. of America. Combination tubular baffle with electroacoustic transducer. 3,225,326, 12–21–65, Cl. 340—8.
Massa, Victor F., H. C. Tsien, and J. J. Heigl, to Esso Research and Engineering Co. Engine roughness indicator and recorder. 3,201,979, 8–24–65, Cl. 73—116.
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Masse, Michel S., and J. B. Murray, to The Bendix Corp. Electrical connector hinge. 3,199,059, 8–3–65, Cl. 339—4.
Massengale, John T., to FMC Corp. Load carrying collapsible pallet. 3,192,883, 7–6–65, Cl. 108—56.
Massengale, Richard D. Vent construction. 3,192,849, 7–6–65, Cl. 98—37.
Masseria, Vincent. Wheeled cargo-carrying vehicles. 3,175,-716, 3–30–65, Cl. 214—512.
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Twidale, William H. 3,223,175.
Wathen, William A. 3,176,829.
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Massey, Mark F. Shaped charge liner. 3,218,975, 11–23–65, Cl. 102—56.
Massey, Ralph N., and F. S. Mueller, to Speed King Mfg. Co., Inc. Portable belt type conveyor-elevator. 3,212,628, 10–19–65, Cl. 198—201.
Massey, Richard P., to Bell Telephone Laboratories, Inc. Transistor inverter with frequency stability provided by reverse base current injection. 3,215,952, 11–2–65, Cl. 331—113.
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Massingill, Jess L., to Metal Flo Corp. Method of making a casing. 3,170,236, 2–23–65, Cl. 29—534.
Massman, Albert W., to Motorola, Inc. Transistor deflection circuit with temperature stabilized blocking oscillator. 3,168,678, 2–2–65, Cl. 315—27.
Massman, Albert W., to Motorola, Inc. Transistorized deflection system for flat-faced kinescope. 3,174,074, 3–16–65, Cl. 315—27.
Massman, Albert W., to Motorola, Inc. Noise cancellation for the AGC or sync separator stages in a television receiver. 3,207,844, 9–21–65, Cl. 178—7.3.
Massman, Albert W., to Motorola, Inc. Gated transistor A.G.C. in which gating causes base to collector conduction. 3,225,139, 12–21–65, Cl. 178—7.3.
Massman, Albert W., and R. C. Voige, to Motorola, Inc. Compensated beam deflection system. 3,174,073, 3–16–65, Cl. 315—27.
Massolo, Mario. Device for maintaining a constant angular velocity of a rotary member. 3,208,295, 9–28–65, Cl. 74—206.
Masson, Claude M. E., to Societe d'Electronique et d'Automatisme. Rotating flexible magnetic disc assembly. 3,226,-701, 12–28–65, Cl. 340—174.1.
Masson, Robert G.: *See*—
Ollier, Jacques G. H., Grosshans, and Masson. 3,196,590.
Ollier, Jacques H. G., Grosshans, and Masson. 3,214,-797.
Masson Scott & Co. Ltd.: *See*—
Wilshin, Frank W., Brown, and Marsh. 3,183,748.
Massoubre, Jean-Marie: *See*—
Boussu, Neuville, and Massoubre. 3,219,633.
Massoubre, Jean-Marie, to Compagnie Generale des Etablissements Michelin, raison sociale Michelin and Cie. Method of repairing pneumatic tires and patches therefor. 3,198,-234, 8–3–65, Cl. 152—367.
Mast Development Co., Inc.: *See*—
Mast, Gifford M. 3,168,859.
Saunders, Hugh E., and Riddle. 3,213,010.
Mast, Gifford M., to Mast Development Co. Identification camera. 3,168,859, 2–9–65, Cl. 95—38.
Mast, John G. Matrix for producing printing slugs and process for making the matrix. 3,179,988, 4–27–65, Cl. 22—5.5.

Mast, Lowell R., to Friden, Inc. Ceiling mounted electric space heater. 3,223,828, 12–14–65, Cl. 219—370.
Mast, Ray, J. Rebar, Jr., and J. Fraser, to Miles Laboratories, Inc. Diagnostic device. 3,212,855, 10–19–65. Cl. 23—253.
Mastella, Louis, to Wm. Wrigley, Jr. Co. Wrapped package. 3,201,258, 8–17–65, Cl. 99—180.
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Master Addresser Co.: *See*—
Wright, Ansel J. 3,204,554.
Master Chemical Corp.: *See*—
Sluhan, Clyde A. 3,186,946.
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Master Etching Machine Co.: *See*—
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Master Lock Co.: *See*—
Foote, Daniel J., Stahl, and Buchmann. 3,190,089.
Master Mechanics Co., The: *See*—
Evans, Robert M. 3,196,122.
Master Mold & Die Co.: *See*—
Thompson, John P. 3,213,500.
Master Pneumatic, Inc.: *See*—
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Gleason, Quin R., and Boyd. 3,182,750.
Master Specialties Co.: *See*—
Culbertson, George T. 3,188,522.
Culbertson, George T. 3,188,623.
Culbertson, George T. 3,205,411.
Hallerberg, Don M. 3,220,001.
Masterman, Standish: *See*—
Fairman, Albert H., Fryer, Masterman, and Peet. 3,218,998.
Masters, Aaron. Automatic retaining and wringing attachment for toilets. 3,201,804, 8–24–65, Cl. 4—1.
Masters, Albert M. Board mounting means. 3,222,018, 12–7–65, Cl. 248—28.
Masters, David W.: *See*—
Fields, John H., Propster, and Masters. 3,225,334.
Masters, David W., and H. L. Herold, to General Electric Co. Data transfer system. 3,178,690, 4–13–65, Cl. 340—172.5.
Masters, Desmond C.: *See*—
Brewin, Arthur, and Masters. 3,195,959.
Masters, Edward J., M. A. Palmerio, and V. Silson, to Helena Rubinstein, Inc. Mascara applicator. 3,214,782, 11–2–65, Cl. 15—521.
Masters, George R. Handkerchief holder. 3,184,759, 5–25–65, Cl. 2—279.
Masters, George W., Jr., to Electro-Mechanical Research, Inc. Transducer systems. 3,219,996, 11–23–65, Cl. 340—347.
Masters, John A., and W. M. Cooper, to United States of America, Atomic Energy Commission. Rotary contact. 3,189,861, 6–15–65, Cl. 339—8.
Masterson, Charles S., to Ampex Corp. Sheet separator. 3,211,451, 10–12–65, Cl. 271—64.
Masterson, Charles T. *See*—
Soehrman, Walter E., and Masterson. 3,167,283.
Masterson, Earl E.: *See*—
Cogar, George R., Neddenriep, Sevilla, Sekes, and Masterson. 3,188,621.
Masterson, Frank H.: *See*—
Stricker, Alfred A., and Masterson. 3,214,060.
Masterson, Horace T., T. N. Crook, and A. C. Reid, to Esso Production Research Co. Method of continuous wave seismic prospecting. 3,185,958, 5–25–65, Cl. 340—15.5.
Masterson, James E.: *See*—
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Masterson, Melvin I., Jr.: *See*—
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Masterson, Melvin I., Jr., to Wallboard Tool and Equipment Co. Carrying rod for wallboard panel. 3,203,606, 8–31–65, Cl. 224—45.
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Mattes, Lee H. 3,214,876.
Mastis, Victor: *See*—
Brodl. Edward J., Dobrikin, and Mastis. 3,167,973.
Horowitz, Charles, Dobrikin, and Mastis. 3,182,849.
Mastis, Victor, to Berg Mfg. & Sales Co. Connector assembly. 3,178,671, 4–13–65, Cl. 339—192.
Mastney, Edward J., to Oak Mfg. Co. Miniature rotary electric switch with housing interconnecting means. 3,177,306, 4–6–65, Cl. 200—11.
Mastney, Edward J., to Oak Mfg. Co. Rotary selector switch construction with rotor interlocking means. 3,200,208, 8–10–65, Cl. 200—6.
Maston, James W., to International Telephone and Telegraph Corp. Retention system for electrical contacts. 3,165,369, 1–12–65, Cl. 339—59.
Mastrangelo, Sebastian V. R., to E. I. du Pont de Nemours and Co. Enhancing the aroma of foods. 3,181,952, 5–4–65, Cl. 99—71.
Mastrangelo, Sebastian V. R., to E. I. du Pont de Nemours and Co. Process for producing fluorine and sodium-lead alloy. 3,196,090, 7–20–65, Cl. 204—60.
Mastrangelo, Sebastian V. R., to E. I. du Pont de Nemours and Co. Process for producing fluorine and sodium-lead alloy. 3,196,091, 7–20–65, Cl. 204—60.
Mastrangelo, Sebastian V. R., to E. I. du Pont de Nemours and Co. Difluoromethylene radicals trapped in a matrix of solidified gas. 3,196,114, 7–20–65, Cl. 252—182.
Mastrangelo, Sebastian V. R., to E. I. du Pont de Nemours and Co. Trifluoromethyl radicals trapped in a matrix of solidified gas. 3,196,115, 7–20–65, Cl. 252—182.
Mastrobattista, Alex A., and H. J. Bieling, to Johns-Manville Corp. Reinforced fluid seal. 3,197,217, 7–27–65, Cl. 277—153.
Mastroianni, Emilio G., to General Aniline & Film Corp. Automatic cylinder tracker apparatus. 3,168,027, 2–2–65, Cl. 95—77.5.
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Masuda, Akiyoshi, to Nippon Tensai Seito Kabushiki Kaisha. Method of making cylinders for raising and transplanting seedlings of farm crops. 3,164,507, 1–5–65, Cl. 156—197.
Masuda, Katsutada, to Takeda Chemical Industries, Ltd. (Paraacyloxyphenoxy)-benzoic acid derivatives. 3,206,501, 9–14–65, Cl. 260—476.
Masuda, Masaharu, H. Kita, and R. Fujita, to Nippon Sheet Glass Co. Ltd. Machine for chemically polishing glass. 3,226,277, 12–28–65, Cl. 156—345.
Masuda, Masahiko: *See*—
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Masuda, Minoru. Dust protection for micro-calipers with a dial gage. 3,213,543, 10–26–65, Cl. 33—147.
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Masuda, Senichi, to Onoda Cement Co. Ltd. Method of grinding quicklime. 3,168,253, 2–2–65, Cl. 241—16.
Masuda, Yoshio, ½ to I. Kanda. Ocean wave electric generator. 3,200,255, 8–10–65, Cl. 290—42.
Masuda, Yoshio. Ocean wave electric generator. 3,204,110, 8–31–65, Cl. 290—42.
Masui, Matsujiro, to Matsushita Electric Industrial Co., Ltd. Variable disk capacitor. 3,209,219, 9–28–65, Cl. 317—254.
Masumoto, Hakaru, T. Kobayashi, and K. Watanabe, to Research Institute for Electric and Magnetic Alloys, the Foundation. Method of manufacturing permanent magnets having large coercive force. 3,211,592, 10–12–65, Cl. 148—121.
Masumoto, Hakaru, T. Kobayashi, and K. Watanabe, to The Foundation: The Research Institute of Electric and Magnetic Alloys. Method of manufacturing permanent magnets having large coercive force. 3,203,838, 8–31–65, Cl. 148—101.
Masur, Bernard, to United Aircraft Corp. Capacitive encoder device. 3,218,635, 11–16–65, Cl. 340—364.
Masure, Jean L.: *See*—
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Adelaar, Hans H., Clemens and Masure. 3,204,039.
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Masuzawa, Kuniyosi: *See*—
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Matalon, Raphael, to Hercules Powder Co. Nitrocellulose composition and process of preparation. 3,188,224, 6–8–65, Cl. 106—195.
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Matare, Herbert F., to The Bendix Corp. Device with combination of unipolar means and tunnel diode means. 3,171,042, 2–23–65, Cl. 307—88.5.
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Matcovich, Thomas J., and W. E. Flannery, to Sperry Rand Corp. Memory elements using variable axis anisotropic magnetic thin film. 3,174,138, 3–16–65, Cl. 340—174.
Matcovich, Thomas J., and J. J. Chang, to Sperry Rand Corp. Adding circuit using thin magnetic films. 3,192,370, 6–29–65, Cl. 235—176.
Matea, Edmund M., to General Motors Corp. Process for encapsulating transistors. 3,191,268, 6–29–65, Cl. 29—155.5.
Mateer, Robert A., to ACF Industries Inc. Connector having an impedance matching transformer. 3,223,954, 12–14–65, Cl. 336—175.
Matel, Richard T., C. H. Vander Meer, and W. R. Allen, to The Rapids-Standard Co., Inc. Signal clip. 3,164,126, 1–5–65, Cl. 116—114.
Matell, Paul M. T., to Mo Och Domsjo Aktiebolag. Method of bleaching polyalkylene ethers. 3,168,569, 2–2–65, Cl. 260—584.
Materials, Inc.: *See*—
White, James A. 3,165,078.
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Math, Friedrich C. Jet reaction motor. 3,200,588, 8–17–65, Cl. 60—39.35.
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Matheny, Francis M., to Pipe Linings. Pipelining machine. 3,167,837, 2–2–65, Cl. 25—38.

Matheny, Francis M., to Pipe Linings, Inc. Proportioning pump. 3,196,802, 7–27–65, Cl. 103—218.
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Mather, Glenn E., to Rockwell-Standard Corp. Load responsive wheel suspension for vehicles. 3,175,836, 3–30–65, Cl. 280—6.
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Mathers, Robert V., to Anthony Co. Automatic fold-up device for drop leaf tailgate. 3,175,707, 3–30–65, Cl. 214—77.
Mathers, Robert V., and P. N. Sass, to Anthony Co. Hydraulic tail gate. 3,175,706, 3–30–65, Cl. 214—77.
Mathes, Wilhelm, and J. P. Da Vanzo, to Dr. F. Raschig G.m.b.H. O-ethers of pyridine-aldoxime-1-oxides. 3,198,803, 8–3–65, Cl. 260—296.
Matheson, Arthur R., to United States of America, Atomic Energy Commission. Recovery of plutonium and/or uranium values from aqueous solutions. 3,195,977, 7–20–65, Cl. 23—14.5.
Matheson, Chester R. Load-lifting apparatus. 3,221,897, 12–7–65, Cl. 212—71.
Matheson, Max S., to United States of America, Atomic Energy Commission. Polymerization of isobutylene. 3,174,921, 3–23–65, Cl. 204—162.
Matheson, Wilfrid G., J. P. Clune, and T. J. Pricenski, to Sylvania Electric Products Inc. Electrical heating element. 3,178,665, 4–13–65, Cl. 338—299.
Matheson, Wilfrid G., and T. J. Pricenski, to Sylvania Electric Products Inc. Retaining and securing devices for high temperature applications. 3,193,064, 7–6–65, Cl. 189—36.
Matheson, William A., and E. G. Henninger, to Portable Elevator Mfg. Co. Bale diverter. 3,170,565, 2–23–65, Cl. 198—185.
Mathews, Charles A., to General Electric Co. Protective relay. 3,179,850, 4–20–65, Cl. 317—36.
Mathews, Charles A., and E. M. Smith, to General Electric Co. Electric supervising means. 3,202,876, 8–24–65, Cl. 317—36.
Mathews, Charles W., to Abbott Laboratories. Chemical separation process for the recovery of N-phenylcyclohexylamine. 3,207,789, 9–21–65, Cl. 260—576.
Mathews Conveyer Co.: *See*—
Raynor, Warren S. 3,195,741.
Theijsmeijer, Frederik. 3,189,165.
Mathews, Donald A., to United States of America, Commerce. Multivibrator-type control circuit for thermoelectric elements. 3,204,418, 9–7–65, Cl. 62—3.
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Mathews, Howard G. Laminating press mold for manufacturing cellular products. 3,203,043, 8–31–65, Cl. 18—5.
Mathews, Jas. H., & Co.: *See*—
King, William R., and Lang. 3,188,943.
Mathews, John C., and L. C. Erickson. Self-propelled litter. 3,212,595, 10–19–65, Cl. 180—19.
Mathews, John J., to Kollsman Instrument Corp. Brake means. 3,198,293, 8–3–65, Cl. 188—163.
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Mathias, Benny B., and T. B. Sorbie, to Owens-Illinois Glass Co. Inspecting rims of glass containers for crizzle and line-over-finish defects. 3,171,033, 2–23–65, Cl. 250—224.
Mathias, Richard A., to The Cincinnati Milling Machine Co. Machine tool adaptive control. 3,220,315, 11–30–65, Cl. 90—21.
Mathiesen, Nicolaus P. Magnetic card filing device. 3,199,513, 8–10–65, Cl. 129—16.
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Mathieu, Clifford G.: *See*—
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Mathieu, Francis L.: *See*—
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Mathieu, Frederic, to Compagnie d'Applications Mecaniques a l'Electronique au Cinema et a l'Atomistique (C.A.M.E. C.A.). Film projector devices. Re. 25,896, 11–9–65, Cl. 352—123.
Mathieu, Frederic, to Compagnie d'Applications Mechaniques a l'Electronique au Cinema et a l'Atomistique (C.A.M.E. C.A.). Film selecting and projecting devices. 3,168,993, 2–9–65, Cl. 242—55.13.
Mathieu, Leo, J. Schwartz, and C. G. Mathieu. Automatic coffee brewing machine. 3,171,344, 3–2–65, Cl. 99—283.
Mathis, Clark A. Wire mesh collapsible disk reflector. 3,224,007, 12–14–65, Cl. 343—915.
Mathis, Glenn W.: *See*—
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Bently, George K., and Mathis. 3,218,822.
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Mathis, Richard J. Plumbing trap. 3,168,104, 2–2–65, Cl. 137—247.51.
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Abbott, Harold W., and Mathis. 3,177,350.
Mathisen, Martin H. Trailer hitch. 3,220,749, 11–30–65, Cl. 280—406.
Mathison, Robert V. Paint applicators and kits. 3,214,778, 11–2–65, Cl. 15—244.
Mathison, Robert V. Fastener devices. 3,214,810, 11–2–65, Cl. 24—87.
Mathison, Robert V. Buckle-type devices. 3,214,815, 11–2–65, Cl. 24—200.
Mathison, Robert V. Fasteners and articles containing same. 3,214,816, 11–2–65, Cl. 24—204.
Mathison, Robert V. Coating applicator kits. 3,215,263, 11–2–65, Cl. 206—47.
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Mathison, Victor G., to Bourns, Inc. Gear-adjusted variable resistor. 3,201,737, 8–17–65, Cl. 338—174.
Mathison, Victor G., and W. T. Hardison, to Bourns, Inc. Pivoted armature for electromagnetic switch. 3,202,782, 8–24–65, Cl. 200—87.
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Mathurin, Edwin L., to International Business Machines Corp. Multi-stage epicyclic printing mechanism. 3,213,786, 10–26–65, Cl. 101—91.
Mathus, Gregory, O. Morningstar, and F. H. Burgess, to Data Packaging Corp. Reel enclosure. 3,209,904, 10–5–65, Cl. 206—52.
Matich, Donald. Loading device for revolvers. 3,213,559, 10–26–65, Cl. 42—89.
Matile, Pascal, E. Peterhans, and W. Zollinger, to Lonza Lt. Method of removing carbon dioxide from ammonia. 3,193,353, 7–6–65, Cl. 23—196.
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Matison, Nicholas W., to Continental Color Corp. Color enlarger. 3,188,908, 6–15–65, Cl. 88—24.
Matless, Leonard I., to Kelmore, Inc. Explosion-proof refrigerator and freezer. 3,187,519, 6–8–65, Cl. 62—467.
Matley, Theodore: *See*—
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Matousek, Robert R. Conversion module for a machine tool. 3,205,780, 9–14–65, Cl. 90—13.
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Matricon, Marcel, to Compagnie Francaise Thomson-Houston. Vacuum pumps. 3,214,086, 10–26–65, Cl. 230—69.
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Kossan, Robert L., Carlberg, Weber, Allen, Wermager, Scheurich, and Matson. 3,215,040.
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Matson, Howard J., to Sinclair Research, Inc. Extreme pressure lubricant compositions. 3,193,501, 7–6–65, Cl. 252—46.7.
Matson, Howard J., to Sinclair Research Inc. Molybdenum chloride alkylphenolates. 3,202,688, 8–24–65, Cl. 260—429.
Matson, Howard J., J. W. Nelson, and M. M. McCormick, to Sinclair Research, Inc. Grease compositions. 3,174,931, 3–23–65, Cl. 252—37.2.
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Matsubayashi, Kanji, and S. Imoto, to Kurashiki Rayon Co., Ltd. Clarification of aqueous suspensions with polyvinyl alcohol-amino aldehyde reaction product. 3,166,497, 1–19–65, Cl. 210—54.
Matsubayashi, Kanji, and M. Matsumoto, to Kurashiki Rayon Co., Ltd. Production of nitrogenous polyvinyl alcohol derivatives. 3,193,534, 7–6–65, Cl. 260—77.5.
Matsubayashi, Kanji, and T. Suda, to Kurashiki Rayon Co., Ltd. Polyvinyl alcohol spinning solutions and fibers produced therefrom. 3,200,178, 8–10–65, Cl. 264—78.

Matsubayashi, Kanji, T. Imada, and K. Fujii, to Kurashiki Rayon Co. Ltd. Method of stabilizing polyoxymethylene. 3,207,727, 9–21–65, Cl. 260—67.
Matsubayashi, Kanji, T. Inoue, Y. Yoshimura, and K. Fujii, to Kurashiki Rayon Co. Ltd. Polypropylene of improved dyeability containing ethylene-vinyl alcohol copolymers or derivatives thereof. 3,226,455, 12–28–65, Cl. 260—897.
Matsubayashi, Yukio, and R. Sato, to Nisso Seiko Kabushiki Kaisha. Grinding mill. 3,226,044, 12–28–65, Cl. 241—172.
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Sedlak, John A., Gleckler, and Matsuda. 3,207,797.
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Matsuda, Ken, and L. T. Morin, to American Cyanamid Co. Conjugated organic polymers. 3,198,767, 8–3–65, Cl. 260—65.
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Matsuda, Osaku, T. Toki, and N. Kudo, to Onoda Cement Co., Ltd. Method of retarding the setting time of cement. 3,188,221, 6–8–65, Cl. 106—89.
Matsuda, Shigematsu. Roller jaw chuck. 3,169,778, 2–16–65, Cl. 279—12.
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Matsui, Daijiro, to Kabushiki Kaisha Toko Radio Coil Kenkyusho. Variable capacitor. 3,175,134, 3–23–65, Cl. 317—249.
Matsui, Daijiro, to Kabushiki Kaisha Toko Radio Coil Kenkyusho. Variable capacitor. 3,202,889, 8–24–65, Cl. 317—249.
Matsui, Daijiro, to Kabushiki Kaisha Toko Radio Coil Kenkyusho. Variable capacitor. 3,202,890, 8–24–65, Cl. 317—249.
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Matsui, Masayuki, to Fukuo Saeki. Muffling devices for air handling systems. 3,175,640, 3–30–65, Cl. 181—55.
Matsui, Toshinori, Y. Nishimura, I. Ide, H. Okada, I. Kameyama, and T. Tsunoda, to Ajinomoto Co., Inc., and Sanruku Distillers Co., Inc. Preparation of L-glutamic acid by fermentation. 3,174,906, 3–23–65, Cl. 195—47.
Matsui, Yoshihiro, to Nippon Keori Kabushiki Kaisha. Ring device for use in spinning machine. 3,205,647, 9–14–65, Cl. 57—124.
Matsui, Yoshiya, to Canon Camera Co., Inc. Catadioptric optical system of large relative aperture. 3,191,497, 6–29–65, Cl. 88—57.
Matsui, Teruhiko, to Maenaka Valve Works Co., Ltd. Desuperheating and pressure-reducing valve for superheated steam. 3,220,708, 11–30–65, Cl. 261—39.
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Shimizu, Mineo, and Matsukura. 3,178,318.
Matsukane, Mikio: *See*—
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Matsukata, Kosuke. Record changer diameter adapter. 3,201,133, 8–17–65, Cl. 274—42.
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Matsubayashi, Kanji, and Matsumoto. 3,193,534.
Matsumoto, Masakazu, K. Imai and U. Maeda to Kurashiki Rayon Co., Ltd. Production of polyvinyl acetate and polyvinyl alcohol. 3,211,712, 10–12–65, Cl. 260—89.1.
Matsumoto, Yasuhiro: *See*—
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Higami, Hiroshi, and Matsuo. 3,175,402.
Matsuoka, James T., to Stewart Bolling & Co., Inc. Temperature-controlled mixing machine. 3,196,941, 7–27–65, Cl. 165—109.
Matsuoka, Yoshinori, to Toho Koki Kabushiki Kaisha. Pipe wrench having a holding plate for a rockably mounted traveling outer jaw. 3,188,894, 6–15–65, Cl. 81—101.
Matsushita Electric Industrial Co., Ltd.: *See*—
Hirai, Taketsugu, and Iwaki. 3,207,600.
Masui, Matsujiro. 3,209,219.
Tanigawa, Shizuhiko, Yabuno, Aratani, and Nakata. 3,207,517.
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Matsushita Electric Works, Ltd.: *See*—
Okubo, Masashi. 3,201,178.
Onaru, Masaki. 3,180,998.
Matsushima, Mitsuo, and S. Ogawa, to Tokyo Denki Kagaku Kogyo Kabushiki Kaisha. Combined unit of resistance and inductance. 3,176,217, 3–30–65, Cl. 323—78.
Matsushima, Takao, to Nippon Electric Co., Ltd. Pulse selecting circuit. 3,187,261, 6–1–65, Cl. 328—110.
Matsuura, Etsuyuki, K. Matsui, and R. R. Hasiguti. Method of ohmically connecting filament to semiconducting material. 3,223,820, 12–14–65, Cl. 219—91.
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Mattare, Luke A.: *See*—
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Ryan, John W. 3,172,666.
Ryan, John W. 3,174,756.
Ryan, John W. 3,176,430.
Ryan, John W., and Goldfarb. 3,179,980.
Ryan, John W., Citron, and Danielsen. 3,223,208.
Matter, Erich, to Ciba Ltd. Process for the preparation of 2:5-furandicarboxylic acid. 3,184,479, 5–18–65, Cl. 260—347.3.
Matter, Erich, to Ciba Ltd. Compounds of citric acid. 3,198,828, 8–3–65, Cl. 260—534.
Mattern, Chester D., to United Shoe Machinery Corp. Machinery for making shoes. 3,164,866, 1–12–65, Cl. 18—46.
Mattern, John S., to Bausch & Lomb Inc. Lined glass furnace. 3,206,295, 9–14–65, Cl. 65—178.
Mattern, John S., and R. R. Robert, to Bausch & Lomb Inc. Apparatus for forming optical elements. 3,221,365, 12–7–65, Cl. 18—5.
Mattern, Paul D. Dental matrix clamp or retainer. 3,191,304, 6–29–65, Cl. 32—63.
Mattes, Irmgard. Knife with exchangeable blade and handle for the knife. 3,187,431, 6–8–65, Cl. 30—339.
Mattes, Lee H., to Mastic Corp. Nail anchored building siding. 3,214,876, 11–2–65, Cl. 52—520.
Matteson, Russell E., to Diamond International Corp. Dispensing chute for nested articles. 3,187,942, 6–8–65, Cl. 221—304.
Matteson, William J., to Masonite Corp. Floor pan form. 3,224,725, 12–21–65, Cl. 249—28.
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Mattheis, Harley H.: *See*—
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Matthew, Jack L., and A. Punturi. Tremolo devices for stringed instruments. 3,174,381, 3–23–65, Cl. 84—313.
Matthew, Jack L., and A. Punturi. Bridges for stringed instruments. 3,183,758, 5–18–65, Cl. 84—307.
Matthew, Morton P.: *See*—
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Matthew, Morton P., to Bausch & Lomb Inc. Slide projector with a helical slide transfer path. 3,179,005, 4–20–65, Cl. 88—28.
Matthews, Benjamin H., to Lucerne Products, Inc. Electrical switch with camming bridging contact. 3,222,488, 12–7–65, Cl. 200—166.
Matthews, Charles S.: *See*—
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Matthews, Charles W., to Deere & Co. Plow bolt. 3,176,808, 4–6–65, Cl. 189—36.
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Matthews, Eric C., T. Thomson, and L. W. Warren, to International Combustion (Holdings) Ltd. Heat exchangers. 3,213,938, 10–26–65, Cl. 165—143.
Matthews, Eric J., to Babcock & Wilcox Ltd. Fluid heater cleaners. 3,195,165, 7–20–65, Cl. 15—317.
Matthews, Harry L. Powered tailgate lift. 3,185,322, 5–25–65, Cl. 214—75.
Matthews, Herbert, to Bell Telephone Laboratories, Inc. Spin wave pumped elastic wave parametric amplifier. 3,215,944, 11–2–65, Cl. 330—4.6.
Matthews, Hugh B., to Sperry Rand Corp. Power transmission. 3,181,476, 5–4–65, Cl. 103—162.
Matthews, Hugh B., to Sperry Rand Corp. Power transmission. 3,181,477, 5–4–65, Cl. 103—162.
Matthews, Jamie F., Jr., to Esso Production Research Co. Offshore method and apparatus. 3,219,116, 11–23–65, Cl. 166—46.
Matthews, Jamie F., Jr., to Esso Production Research Co. Offshore apparatus. 3,219,119, 11–23–65, Cl. 166—66.5.

Matthews, James J. Insulation removing tool. 3,204,495, 9–7–65, Cl. 81—9.5.
Matthews, Kenneth G.: *See*—
Sampietro, Achilles C., and Matthews. 3,173,407.
Sampietro, Achilles C., and Matthews. 3,174,467.
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Powley, Mallinson, Smith, McCallum, and Matthews. 3,164,830.
Matthews, Norman A.: *See*—
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Matthews, Robert M., and J. W. Kaylor, to Vac Hosiery Corp. Run-proof seamless hosiery and method of making same. 3,212,297, 10–19–65, Cl. 66—178.
Matthews, Thomas P. W., to Charlton, Weddle & Co., Ltd. Heating apparatus for liquid cargo tanks of ships. 3,205,848, 9–14–65, Cl. 114—74.
Matthews, Vincent J.: *See*—
Arnold, Philip H., and Matthews. 3,175,044.
Matthews, Vincent J., to Bell Telephone Laboratories, Inc. Multicustomer private branch exchange. 3,180,942, 4–27–65, Cl. 179—27.
Matthews, William G.: *See*—
Geigenmiller, Dudley H., and Matthews. 3,218,897.
Matthews, William J., to General Signal Corp. Control system for trains. 3,218,456, 11–16–65, Cl. 246—187.
Matthews, William R. Wood chipper. 3,166,109, 1–19–65, Cl. 144—162.
Matthias, Bernd T., to Bell Telephone Laboratories, Inc. Superconducting device consisting of a niobiumtitanium composition. 3,167,692, 1–26–65, Cl. 317—158.
Matthias, Bernd T., to Bell Telephone Laboratories, Inc. Vanadium-titanium composition in a superconductive device. 3,188,530, 6–8–65, Cl. 317—158.
Matthias, Lynn H., to Allen-Bradley Co. Reed switch control. 3,215,795, 11–2–65, Cl. 200—87.
Matthies, Alan A., to Controls Co. of America. Valve with bimetal means for refrigeration system. 3,205,675, 9–14–65, Cl. 62—202.
Matthies, William, W. M. Prill, and W. C. Pulver, to Velten & Pulver, Inc. Conveyor construction. 3,214,007, 10–26–65, Cl. 198—195.
Matthieu, Johannes, V. Schmidt, and H. Woller, to International Standard Electric Corp. Alternate routing in telephone systems. 3,202,766, 8–24–65, Cl. 179—18.
Matthys, William J., and J. H. Kidwell, to The Babcock & Wilcox Co. Distributor for pneumatically transported particle-form material. 3,204,942, 9–7–65, Cl. 266—28.
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Merker, Dwight R., and Mattil. 3,201,431.
Mattimoe, George E., and E. G. Stehn, to T. R. Mantes Co., Inc. Apparatus for filling plastic bags. 3,195,587, 7–20–65, Cl. 141—83.
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Mattin, Harry E., to The Mearl Corp. Method of making nacreous cast plastic exhibiting multiple color effects. 3,219,734, 11–23–65, Cl. 264—73.
Mattingly, Denis A. E., to The Klinger Mfg. Co. Ltd. Yarn crimping apparatus. 3,212,157, 10–19–65, Cl. 28—1.
Mattingly, Denis A. E., and R. S. Gilchrist, to The Klinger Mfg. Co. Ltd. Apparatus for crimping yarn by bunching. 3,174,206, 3–23–65, Cl. 28—1.
Mattingly, John J. and R. J. Mattingly, deceased (by R. R. Mattingly, executor). Labeling machine. 3,183,138, 5–11–65, Cl. 156—364.
Mattingly, Lawrence J.: *See*—
Caprio, Gerald L., and Mattingly. 3,217,096.
Mattingly, Lawrence J., to Motorola, Inc. Neutralized transistor amplifier circuit. 3,205,450, 9–7–65, Cl. 330—27.
Mattingly, Lawrence J., to Motorola, Inc. Television receiver power supply. 3,217,101, 11–9–65, Cl. 178—7.3.
Mattingly, Lester J., and W. W. Happe. Mechanism for transporting and stringing aerial cable. 3,172,643, 3–9–65, Cl. 254—134.3.
Mattingly, Ralph J.: *See*—
Mattingly, John J. and R. J. 3,183,138.
Mattingly, Richard R.: *See*—
Mattingly, John J. and R. J. 3,183,138.
Mattis, Edward M. Method for stereophonic re-recording. 3,190,969, 6–22–65, Cl. 179—100.1.
Mattison, Edwin L., and R. Wolfe, to E. I. du Pont de Nemours and Co. Process for recovering lead from by-product lead materials. 3,188,199, 6–8–65, Cl. 75—77.
Mattmuller, Rene, to Compagnie de Saint-Gobain. Plasma torch. 3,217,133, 11–9–65, Cl. 219—75.
Matton, Oscar. Method and means for manufacturing tubular fluid tight hoses. 3,200,022, 8–10–65, Cl. 156—169.
Mattox, William J., to Esso Research and Engineering Co. Desulfurization process. 3,164,545, 1–5–65, Cl. 208—230.
Mattox, William J., to Esso Research and Engineering Co. Conversion of inactive olefins. 3,214,487, 10–26–65, Cl. 260—683.2.
Matts, Sigvard, and B. Ekelund, to Svenska Fläktfabriken, Aktiebolaget. Means for governing the pressure in ventilating units. 3,174,507, 3–23–65, Cl. 137—565.
Mattson, Charles A., to Sunbeam Corp. Oscillating sprinkler clamp member and control knob construction. 3,220,655, 11–30–65, Cl. 239—242.
Mattson, Charles A., and W. V. Kalnins, to Sunbeam Corp. Lawn sprinkler. 3,219,277, 11–23–65, Cl. 239—253.
Mattson, Charles A., M. R. Olsen, F. O. Ottosen, deceased (by H. Ottosen, executrix), to Sunbeam Corp. Combination lawn edger and trimmer. 3,221,481, 12–7–65, Cl. 56—25.4.
Mattson, Everett L., to Automatic Welding Co. Apparatus for manipulating workpieces. 3,224,602, 12–21–65, Cl. 214—1.
Mattson, John R. and R. D. Propulsion system for small boats. 3,194,205, 7–13–65, Cl. 115—12.
Mattson, Richard E., and B. G. Winstrom, to A. O. Smith Corp. Extrusion apparatus. 3,181,334, 5–4–65, Cl. 72—255.
Mattson, Richard W. Overrunning clutch. 3,174,598, 3–23–65, Cl. 192—45.
Mattson, Roger P. Urine test kit. 3,175,553, 3–30–65, Cl. 128—2.
Mattson, Roy D.: *See*—
Mattson, John R. and R. D. 3,194,205.
Mattson, William R., to Sylvania Electric Products Inc. Feeding device. 3,199,803, 8–10–65, Cl. 242—57.
Mattsson, Per O.: *See*—
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Embring, Paul G., and Mattsson. 3,216,900.
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Matulaitis, Victor E. Rapid heating engine cooling system. 3,211,374, 10–12–65, Cl. 237—8.
Matusche, Heinz, to J. Dethloff. Apparatus for producing pressure waves. 3,218,484, 11–16–65, Cl. 307—104.
Matuschka, Bernhard, and G. Morini. Structural steel and process for making same. 3,207,637, 9–21–65, Cl. 148—12.4.
Matuschkovitz, Richard K.: *See*—
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Matuschkovitz, Richard K., to Chemetron Corp. Desulfurization of iron. 3,199,975, 8–10–65, Cl. 75—43.
Matuszak, Alfred H.: *See*—
Metro, Stephen J., Matuszak, and Barnum. 3,223,636.
Matuszko, Anthony J., and M. S. Chang, to United States of America, Navy. Methylamine nitroform oxidizer in nitrocellulose aluminum and metriol trinitrate propellants. 3,222,233, 12–7–65, Cl. 149—92.
Matvay, Leo. Plasma flame hyperthermal exothermic furnace with catalyst and combination thereof with an internal combustion engine. Re. 25,858, 9–21–65, Cl. 60—30.
Matvay, Leo. Plasma flame jet spray gun with a controlled arc region. 3,179,782, 4–20–65, Cl. 219—76.
Matwijcow, John J., to Medical Sterile Products Co. Blade holder. 3,217,410, 11–16–65, Cl. 30—338.
Matz, Allen S., to Teleflex Inc. Expansion compensated control system. 3,183,737, 5–18–65, Cl. 74—501.5.
Matz, Allen S., Jr., and R. W. Hill, to Teleflex Inc. Remote control apparatus. 3,206,998, 9–21–65, Cl. 74—494.
Matz, George C., to Swiss Knitting Co., Inc. Knit garment and fabric therefor. 3,224,231, 12–21–65, Cl. 66—171.
Matz, Kenneth R., to Union Carbide Corp. Electrical brush and connector assembly. 3,173,047, 3–9–65, Cl. 310—249.
Matz, Roy W.: *See*—
Welch, Phillip C., and Matz. 3,224,807.
Matz, Samuel A., E. G. Linke, and D. E. Mook, to The Borden Co. Method of preserving canned refrigerator doughs. 3,166,426, 1–19–65, Cl. 99—192.
Matz, Samuel A., and D. E. Mook, to The Borden Co. Method for producing an unbaked dough product. 3,219,456, 11–23–65, Cl. 99—92.
Matz, William H.: *See*—
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Matzenauer, James O., to North American Aviation, Inc. Reverse flow thrust chamber. 3,173,250, 3–16–65, Cl. 60—35.6.
Matzer, Rudolph F., and E. Seidel. Material handling apparatus. 3,203,034, 8–31–65, Cl. 17—2.
Matzner, Edwin A., to Monsanto Co. Sulfonamide compounds. 3,183,266, 5–11–65, Cl. 260—556.
Matzner, Edwin A., to Monsanto Co. Novel chlorocyanurate compositions and processes of preparing same. 3,205,229, 9–7–65, Cl. 260—242.
Matzner, Markus, to Union Carbide Corp. Process for preparing polycarbonates. 3,223,677, 12–14–65, Cl. 260—47.
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Mau, William L., and E. A. Nagy, to The National Rolled Thread Die Co. Thread and other form rolling dies. 3,176,491, 4–6–65, Cl. 72—71.
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Maze, Herve, Mauborgne, and Reinbold. 3,192,152.
Mauch, Hans A. Scanning and translating apparatus. 3,175,038, 3–23–65. Cl. 179—1.
Maudlin, Wendell E., and J. L. Vanausdall, to Stewart-Warner Corp. Modulating input control for a gas appliance. 3,216,449, 11–9–65, Cl. 137—599.
Maue, Marilyn J., to Pullman Inc. Radioactive gas disposal. 3,206,409, 9–14–65, Cl. 252—301.1.
Mauer, Paul B.: *See*—
Brown, Frederick C., and Mauer. 3,202,825.
Carnall, Edward, Jr., and Mauer. 3,178,307.

Mauersberger, Heinrich, to VEB Nahwirkmaschinenbau Malimo Karl-Marx-Stadt. Textile material and manufacture. Re. 25,749, 3–23–65, Cl. 66—84.
Mauersberger, Heinrich, to VEB Nahwirkmaschinenbau Malimo Karl-Marx-Stadt. Plush fabric. 3,174,308, 3–23–65, Cl. 66—192.
Maugans, Terrance W., to General Motors Corp. Remote controlled push button tuner. 3,223,926, 12–14–65, Cl. 325—390.
Maul Brothers, Inc.: *See*—
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Maul, John A., W. J. Brugge, and T. P. Satyshur, to Addressograph-Multigraph Corp. Platen roller mounting means in manually operable printing machines. 3,179,046, 4–20–65, Cl. 101—269.
Maul, Michael: *See*—
Wolf, Wldemar. 3,224,759.
Maul, William J., J. A. Oppel, and W. H. Rathbun, to General Electric Co. Electric protective equipment. 3,223,890, 12–14–65, Cl. 317—15.
Maurer, Albrecht, and E. Giese, to Ringspann Albrecht Maurer K.G. Freewheel cluctch with tiltable sprags. 3,175,661, 3–30–65, Cl. 192—45.1.
Maurer, Dean W.: *See*—
Becker, Edward J., Koontz, and Maurer. 3,183,396.
Maurer, Edward C. Seat belt anchors. 3,185,246, 5–25–65, Cl. 180—82.
Maurer, Hans W.: *See*—
Goos, Hanno, Maurer, and Kurz. 3,219,483.
Maurer, Herman J.: *See*—
Pedersen, Carl O., and Maurer. 3,220,581.
Maurer, J. A., Inc.: *See*—
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Maurer, James I., R. E. Palmer, and V. D. Shah, to Hooker Chemical Corp. Method of and solution for improving conversion coated metallic surfaces. 3,222,226, 12–7–65, Cl. 148—6.16.
Maurer, John A., and E. W. Elliott, to Chicago Aerial Industries, Inc. Combination motor-transmission-brake. 3,190,414, 6–22–65, Cl. 192—4.
Maurer, Leon H., to Westworld Artists Productions Inc. Method and apparatus for producing animated cartoons. 3,190,955, 6–22–65, Cl. 178—6.
Maurer, Philip W., and J. Wishart, Jr., to General Motors Corp. Manual-automatic cruise control circuit. Re. 25,793, 6–8–65, Cl. 180—82.1.
Maurer, Pierre, to Radio Corp. of America. Tray and tray unload mechanism. 3,180,505, 4–27–65, Cl. 214—310.
Maurer, Raymond H., to The Tomkins-Johnson Co. Cushion control and surge relief. 3,196,753, 7–27–65, Cl. 91—26.
Maurer, Robert D., to Corning Glass Works. Traveling wave laser amplifier with glass filter. 3,214,702, 10–26–65, Cl. 330—4.3.
Maurer, Spencer B. Power operated rotary impact tool. 3,169,585, 2–16–65, Cl. 173—93.
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Kesselring, Fritz, and Maurer. 3,214,559.
Maurhoff, Gerhard: *See*—
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Maurhoff, Gerhard, to NSU Motorenwerke Aktiengesellschaft and Wankel G.m.b.H. Sealing structures. 3,176,909, 4–6–65, Cl. 230—145.
Mauric, Gerhard, to Electronic Specialty Co. Stop for linear actuators. 3,200,664, 8–17–65, Cl. 74—424.8.
Maurice, Jean, to Francaise du Ferodo, Societe Anonyme. Clutch device with multiple outputs. 3,185,274, 5–25–65, Cl. 192—48.
Maurice, Jean, and R. Le Brise, to Francaise du Ferodo, Societe Anonyme. Hydraulic clutch with cushion means. 3,213,988, 10–26–65, Cl. 192—86.
Maurice, Paul E.: *See*—
Kuhn, William J., and Maurice. 3,178,140.
Kuhn, William J., and Maurice. 3,202,202.
Maurin, Joseph J., and M. B. Ziering, to Chicago Bridge & Iron Co. Hydrogen processing multiple layer pressure vessels. 3,224,619, 12–21–65, Cl. 220—3.
Mauritz, Michael. Bite indicator. 3,199,241, 8–10–65, Cl. 43—17.
Mauro, Jack A., to General Electric Co. Infrared flaw detector method and apparatus. 3,206,603, 9–14–65, Cl. 250—83.3.
Mauro, Richard G. Roller type die cutter. 3,188,900, 6–15–65, Cl. 83—663.
Maursey, Ethan K., to General Motors Corp. Operating handle assembly. 3,211,487, 10–12–65, Cl. 292—353.
Maursey, Ethan K., to General Motors Corp. Handle operating means. 3,222,951, 12–14–65, Cl. 74—543.
Maurus, John. Carpenter's wood framing tool. 3,189,341, 6–15–65, Cl. 269—153.
Maury, Alfred D., and C. M. Lyon, to Martin Automatic Fishing Reel Co., Inc. Clutch for fishing reel. 3,175,781, 3–30–65, Cl. 242—84.2.
Maury, Lucien G.: *See*—
Levering, Dewey R., and Maury. 3,182,086.
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Maus, Louis: *See*—
Dood, Charles G., and Maus. 3,208,995.
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Federn, Klaus, and Maus. 3,164,995.
Mausert, William A.: *See*—
Burke, Earl J., Bond and Mausert. 3,204,164.
Maushund, Thomas E. Submerged surface cleaning apparatus. 3,172,415, 3–9–65, Cl. 134—93.
Maust, Frederick K., deceased; H. Maust, and J. Grill, administrators. Staggered supporting arrangement for backed-up roller leveler. 3,201,965, 8–24–65, Cl. 72—163.
Maust, Hedwig: *See*—
Maust, Frederick K. 3,201,965.
Mauthe, Gustav: *See*—
Spahrkäs, Heinrich, and Mauthe. 3,174,817.
Mautner, Henry R., to General Aniline & Film Corp. Process for dyeing polypropylene fibers with acid dyestuffs in the presence of a water soluble thiocyanate. 3,201,189, 8–17–65, Cl. 8—55.
Mauvernay, Roland-Yves, to Centre Europeen de Recherches Mauvernay. 3,5-dimethoxy-4-allyloxy-benzamide compositions and method of use. 3,193,456, 7–6–65, Cl. 167—52.
Mauvernay, Roland-Yves, to Centre Europeen de Recherches Mauvernay. 3,5-dimethoxy-4-blutyloxy-benzamide sedative action method. 3,203,856, 8–31–65, Cl. 167—52.
Maves, Wilbur W.: *See*—
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Cooper, Noel R. Flanigan, Jones, Mavis, and Wegner. 3,203,368.
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Mavleos, Michael G., and J. J. Desy, to Avien, Inc. Lithium hydride body heating device. 3,182,653, 5–11–65, Cl. 126—204.
Mavor & Coulson Ltd.: *See*—
Jerrit, George. 3,206,252.
Mavrakis, Sam H. Heated fishing rod. 3,164,921, 1–12–65, Cl. 43—24.
Mavrovic, Ivo: *See*—
Cook, Lucien H., and Mavrovic. 3,200,148.
Kurpit, Stanley S., Mavrovic, and Saffian. 3,191,916.
Mavrovic, Ivo, to Chemical Construction Corp. Urea synthesis process. 3,172,911, 3–9–65, Cl. 260—555.
Mawbey, Lawrence: *See*—
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Mawby, David H., to Crosfield Electronics Ltd. Image reproduction systems. 3,171,340, 3–2–65, Cl. 95—73.
Mawby, David H., to J. F. Crosfield, Ltd. Colour reproduction systems. 3,209,070, 9–28–65, Cl. 178—5.2.
Mawdsley, Donald M.: *See*—
Bean, Frank R., and Mawdsley. 3,173,103.
Mawhorr, Lloyd R.: *See*—
Johnson, George T., and Mawhorr. 3,170,296.
Mawson, Jack F., I. D. Rattee, and I. Seltzer, to Imperial Chemical Industries Ltd. Step-wise process for coloring and finishing cellulose materials wherein a cationic dyefixing agent is employed with the resin finishing agent. 3,198,595, 8–3–65, Cl. 8—18.
Max, Lila J., to Cameo Curtains, Inc. Non-woolen textile that simulates woolen homespun fabric. 3,208,483, 9–28–65, Cl. 139—416.
Max-Planck-Gesellschaft zur Foerderung der Wissenschaften E.V.: *See*—
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Fischer, Wilhelm A. 3,223,758.
Klipping, Gustav. 3,166,915.
Melzner, Friedhelm. 3,226,543.
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Decker, William H., Rieck, and Bennett. Re. 25,716.
Decker, William H., Rieck, and Bennett. Re. 25,738.
Maxey, Alexander R.: *See*—
Hibbard, Earl R., and Maxey. 3,180,929.
Maxey, Alexander R., to Ampex Corp. Plural motor drive control apparatus. 3,179,870, 4–20–65, Cl. 318—302.
Maxey, Alexander R., to Ampex Corp. Tape slack device. 3,185,400, 5–25–65, Cl. 242—55.12.
Maxey, Alexander R., to Ampex Corp. Tape transport. 3,189,289, 6–15–65, Cl. 242—55.11.
Maxey, Edwin M., to The General Tire & Rubber Co. Low-torque bushing and composition. 3,171,699, 3–2–65, Cl. 308—26.
Maximoff, Paul A., S. J. Krol, and J. B. Sola, to Malco Mfg. Co., Inc. Contact loading mechanism for electrical socket machines. 3,180,014, 4–27–65, Cl. 29—203.
Maxon, Glenway, Jr.: *See*—
Retzlaff, William A., G. W. Maxon, and G. Maxon, Jr. 3,177,784.
Maxon, Glenway W.: *See*—
Retzlaff, William A., G. W. Maxon, and G. Maxon, Jr. 3,177,784.
Maxon, Glenway, Jr. Tilting dump truck with receptacle discharging means and directional chute. 3,198,495, 8–3–65, Cl. 259—171.
Maxon, Glenway, Jr. Load transfer means for contraction joints in concrete pavement. 3,217,616, 11–16–65, Cl. 94—17.
Maxon Industries, Inc.: *See*—
Lugash, Max J. 3,164,398.
Lugash, Max J. 3,164,399.
Maxon Premix Burner Co., Inc.: *See*—
Yeo, Robert H., and Wahlstrom. 3,178,161.
Maxon, William D.: *See*—
Hanson, Frederick R., and Maxon. 3,201,324.
Maxson, Darwin B.: *See*—
Martin, Ernest N., and Maxson. 3,212,757.

Maxson Electronics Corp.: *See*—
Blass, Judo. 3,179,935.
Blass, Judd, Buyer, Shubel, and Simpson. 3,214,755.
Blass, Judd, and Shnitkin. 3,212,087.
Buyer, Edward. 3,179,934.
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Dennison, John J. 3,187,132.
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Maxted, Charles F., and R. E. V. Ramsing. Switch for indicating out-of-sight loads. 3,196,239, 7–20–65, Cl. 200—167.

Maxwell, Donald A., and W. M. Gearhart, to Eastman Kodak Co. Hydrocarbon oil sludging inhibitor composition. 3,202,491, 8–24–65, Cl. 44—63.

Maxwell, Hugh S., to General Electric Co. Automatic thickness regulator for strip rolling mills. 3,186,200, 6–1–65, Cl. 72—8.

Maxwell, James, and A. Rutherford, to Imperial Chemical Industries Ltd. Process for the production of moulding compositions. 3,164,563, 1–5–65, Cl. 260—37.

Maxwell, James A., and J. M. Heath; said Heath assor. to said Maxwell. Consumable key vending system. 3,204,741, 9–7–65, Cl. 194—4.

Maxwell, James T., to Telsco Industries. Timing control units. 3,200,303, 8–10–65, Cl. 317—142.

Maxwell, James W. Jack structure for an earth boring machine. 3,190,371, 6–22–65, Cl. 173—141.

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Maxwell, Palmer M. Apparatus for imparting reciprocating motion to a structure. 3,168,989, 1–5–65, Cl. 60—54.5.

Maxwell, Palmer M. Apparatus for supporting a structure for motion in response to fluid pressure. 3,173,007, 3–9–65, Cl. 250—63.

Maxwell, Palmer M. High pressure medical injection direct from a fluid containing ampule. 3,198,385, 8–3–65, Cl. 222—41.

Maxwell, Richard C.: *See*—
Szabo, Charles, and Maxwell. 3,171,777.

Maxwell, Richard E., and E. C. Loomis, to Parke, Davis & Co. Fibronolysin-desoxyribonuclease for enzymatic debridement. 3,208,908, 9–28–65, Cl. 167—73.

Maxwell, Richard F., Jr., to United States of America, Navy. Shaft angle transducer. 3,217,308, 11–9–65, Cl. 340—196.

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Maxwell, Robert I.: *See*—
Russell, George F., Cleek, and Maxwell. 3,220,609.

Maxwell, Stewart A., to Fisher & Ludlow Ltd. Beverage dispensing machine. 3,169,669, 2–16–65, Cl. 222—70.

Maxwell, Stewart A., to Fisher & Ludlow Ltd. Hot water supply apparatus for a beverage dispensing machine. 3,189,225, 6–15–65, Cl. 222—64.

Maxwell, Stewart A., to Fisher & Ludlow Ltd. Coin operated vending machines. 3,193,072, 7–6–65, Cl. 194—13.

Maxwell, Stewart A., to Fisher & Ludlow Ltd. Hot beverage dispensing machines. 3,200,992, 8–17–65, Cl. 222—52.

Maxwell, Stewart A., to Fisher & Ludlow Ltd. Coin freed apparatus. 3,220,529, 11–30–65, Cl. 194—3.

Maxwell, Stewart A., to Fisher & Ludlow Ltd. Coin freed vending machines. 3,221,861, 12–7–65, Cl. 194—13.
machines. 3,225,625, 12–28–65, Cl. 74—582.

May & Baker Ltd.: *See*—
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Ash, Anothony S. F., Creighton, and Wragg. 3,170,926.
Davis, Michael. 3,169,093.
John, David H. O., and Field. 3,178,284.
Lee, Glyn E., and Wragg. 3,183,243.
Slack, Ronald, Squires, and Wooldridge. 3,186,999.
Wragg, William R., Ash, and Creighton. 3,209,006.

May, Charles B., to United States of America, Navy. Stripline board connector. 3,218,585, 11–16–65, Cl. 333—84.

May, Charles B., and R. D. Jeffery, to United States of America, Navy. Transmission line adapter for connecting coaxial and strip transmission lines at right angles. 3,201,722, 8–17–65, Cl. 333—84.

May, Charles W.: *See*—
Hasseld, Frank E., Jr., and May. 3,215,956.

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May, Claude H., and K. H. Rhodes, to Walker Mfg. Co. Air compressor. 3,184,154, 5–18–65, Cl. 230—137.

May, Clifford H., to The Briggs Filtration Co. Water filter-separator. 3,170,873, 2–23–65, Cl. 210—307.

May, Clifford H., to The Briggs Filtration Co. Coalescing and filtering apparatus. 3,199,676, 8–10–65, Cl. 210—114.

May, Clifford H., and H. L. Murray, to The Briggs Filtration Co. Filter construction. 3,209,916, 10–5–65, Cl. 210—484.

May, Ernest M., and A. Fono, to Otto B. May Inc. Azo quinolinol dye composition. 3,222,350, 12–7–65, Cl. 260—155.

May, Ernest M., and A. Fono, to Otto B. May Inc. Monoazo 8-quinolinol dyestuffs. 3,222,351, 12–7–65, Cl. 260—155.

May, George, to Dufaylife Developments Ltd. Shock protective material. 3,225,509, 12–28–65, Cl. 53—29.

May, Griffith. Boundary layer control assembly. 3,213,819, 10–26–65, Cl. 114—67.

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May, Harold L., and W. W. Hay, to Air Reduction Co., Inc. Retractable column for medical service outlets. 3,213,877, 10–26–65, Cl. 137—355.16.

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May, Harry C., to Westinghouse Air Brake Co. Vacuum brake control equipment for multiple unit locomotives. 3,206,257, 9–14–65, Cl. 303—4.

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May, Howard J.: *See*—
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May, John W., and G. K. Benham, to Allis-Chalmers Mfg. Co. Stored energy operating mechanism for circuit breaker. 3,224,280, 12–21–65, Cl. 74—2.

May, Joseph J.: *See*—
Donchak, Richard M., and May. 3,169,906.

May, L. Chester: *See*—
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May, Otto, to May-Pressenbau Ltd. Toggle lever press. 3,174,560, 3–23–65, Cl. 173—150.

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May, Ernest M., and Fono. 3,222,351.

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May, Robert F., and D. L. Dart, to Chrysler Corp. Pulsed thrust velocity control of a projectile. 3,184,182, 5–18–65, Cl. 244—14.

May, Russell D., to Black, Sivalls & Bryson, Inc. System for the sonic treatment of emulsions and for resolving the same into their constituent parts. 3,200,567, 8–17–65, Cl. 55—175.

May, Russell P., ⅓ to W. G. H. Finch. Sterile drinking container. 3,204,805, 9–7–65, Cl. 220—24.

May, Walter M., to Mack Trucks, Inc. Axle carrier unit. 3,175,417, 3–30–65, Cl. 74—412.

May, Walter M., to Mack Trucks, Inc. Engine crankcase. 3,189,126, 6–15–65, Cl. 184—6.

May, Walter M., to Mack Truck, Inc. Pre-loaded hinge for vehicle fenders or the like. 3,217,354, 11–16–65, Cl. 16—128.

May, Walter M., D. W. Glasenapp, and H. J. Warmkessel, to Mack Trucks, Inc. Mounting device for tilting integral hood and fender assembly. 3,174,575, 3–23–65, Cl. 180—69.

May, Walter M., D. W. Glasenapp, and H. J. Warmkessel, to Mack Trucks, Inc. Fuel tank and rear cab support. 3,177,969, 4–13–65, Cl. 180—89.

May, Walter M., D. W. Glasenapp, and H. J. Warmkessel, to Mack Trucks, Inc. Motor vehicle. 3,179,201, 4–20–65, Cl. 180—69.

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Mayer, Albert, to Brown, Boveri & Cie, Aktiengesellschaft. Electric switch with arc extinction in air and with magnetic blasting. 3,178,544, 4–13–65, Cl. 200—147.

Mayer, Alfred, and J. Lesky, to Radio Corp. of America. Depositing epitaxial layer of silicon from a vapor mixture of SiH_4 and H_2. 3,177,100, 4–6–65, Cl. 148—175.

Mayer, Alfred A., and C. E. Miller, to Olin Mathieson Chemical Corp. Cartridge case head. 3,185,095, 5–25–65, Cl. 102—44.

Mayer, Alfred A., and C. E. Miller, to Olin Mathieson Chemical Corp. Cartridge case head structure. 3,215,077, 11–2–65, Cl. 102—44.

Mayer, Arthur A., and T. D. Robb, to Bell Telephone Laboratories Inc. Telephone system permanent signal trunk. 3,201,521, 8–17–65, Cl. 179—27.
Mayer, Charles M., E. C. Dalenberg, and F. G. Constance, to The Tappan Co. Gas range. 3,186,401, 6–1–65, Cl. 126—200.
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Mayer, Edward H., to Bethlehem Steel Corp. Treatment of sheet steel. 3,215,566, 11–2–65, Cl. 148—16.
Mayer, Ferdy, to Laboratoire d'Electronique & d'Automatique Dauphinois L.E.A.D. and Appareillage Thermoflex, Etablissements J. M. Dard. Control system for a relay protecting a feed circuit. 3,187,225, 6–1–65, Cl. 317—26.
Mayer, Ferdy. Electric cable utilizing lossy material to absorb high frequency waves. 3,191,132, 6–22–65, Cl. 333—79.
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Mayer, Francis X. and I. 3,205,065.
Mayer, James F., and W. E. Gerwing, Jr., to Standard Oil Co. Process of preparing unsaturated polyester resins. 3,196,-131, 7–20–65, Cl. 260—75.
Mayer, James R., to Gardner-Denver Co. Radially contained packing having radially inner and outer sealing rings. 3,210,087, 10–5–65, Cl. 277—125.
Mayer, James W., to Hughes Aircraft Co. Method of measuring nuclear radiation utilizing a semiconductor crystal having a lithium compensated intrinsic region. 3,225,198, 12–21–65, Cl. 250—83.3.
Mayer, Joseph H.: *See*—
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Mayer, Ludwig J., to Litton Systems Inc. Thermal method and system of magnetic recording. 3,176,278, 3–30–65, Cl. 340—174.1.
Mayer, Mayer, Jr., to United States of America, Agriculture. Fiber bale opener and blender. 3,166,797, 1–26–65, Cl. 19—81.
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Heydn, Hans H. 3,208,099.
Heydn, Hans H. 3,220,052.
Heydn, Hans H. 3,220,053.
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Mayer, Peter J., Jr., and A. C. Mueller, to Bell & Howell Co. Loop former in short gate camera. 3,201,798, 8–17–65, Cl. 352—159.
Mayer, Robert, to Honeywell Inc. High speed temperature sensing device. 3,188,866, 6–15–65, Cl. 73—362.
Mayer, Rolf, to Braun Aktiengesellschaft. Electrical-ventilator control room heater arrangements. 3,171,950, 3–2–65, Cl. 219—486.
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Mayer, Stanley W., and D. E. McKenzie, to North American Aviation, Inc. Lightweight secondary battery. 3,185,590, 5–25–65, Cl. 136—6.
Mayer, Thomas C. Surgical cutters with clamp retaining means. 3,166,071, 1–19–65, Cl. 128—318.
Mayer, Walter, to International Harvester Co. Self aligning bearing. 3,208,805, 9–28–65, Cl. 308—29.
Mayer, Werner, to Schubert & Salzer Machinenfabrik Aktiengesellschaft. Thread changing apparatus. 3,174,307, 3–23–65, Cl. 66—134.
Mayer, Werner, and E. Hanel, to Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Thread clamping device. 3,188,835, 6–15–65, Cl. 66—145.
Mayer, William J., and W. H. Lange, to General Motors Corp. Lubricating gyro bearings. 3,212,832, 10–19–65, Cl. 308—187.
Mayer, William J., W. H. Lange, and T. Turner, Jr., to General Motors Corp. Zirconium boride bearing. 3,212,834, 10–19–65, Cl. 308—241.
Mayer, William R., to P. R. Mallory & Co. Inc. Vibrating reed relay. 3,217,123, 11–9–65, Cl. 200—90.
Mayeran, William, to Textron Inc. Temperature compensated meter. 3,177,714, 4–13–65, Cl. 73—281.
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Mayes, Fred M., to Sun Oil Co. Surface electrical prospecting apparatus utilizing current focusing electrode means. 3,182,250, 5–4–65, Cl. 324—1.
Mayes, Fred M., to Sun Oil Co. Tank gauge apparatus. 3,182,502, 5–11–65, Cl. 73—223.
Mayes, Fred M., to Sun Oil Co. Bore hole logging apparatus including means for reproducing a multiplexed log record. 3,195,041, 7–13–65, Cl. 324—1.
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Mayes, Paul E., and R. L. Carrel, to The University of Illinois Foundation. Log periodic backward wave antenna array. Re. 25,740, 3–9–65, Cl. 343—792.5.
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Mayfield, Alfred B., and M. C. Darling, to Davis Mfg., Inc. Driving-steering transmission. 3,178,965, 4–20–65, Cl. 74—722.
Mayfield, George C. Method of keying together an annular piston ring and a back-up element. 3,189,986, 6–22–65, Cl. 29—404.
Mayfield, George C. Multi-piece piston ring assemblies. 3,190,662, 6–22–65, Cl. 277—140.
Mayfield, Robert W., to The Firestone Tire & Rubber Co. Tire rim. 3,195,605, 7–20–65, Cl. 152—396.
Mayfield, Ross M., and W. G. Tope, to United States of America, Atomic Energy Commission. Method of making plutonium monocarbide. 3,170,759, 2–23–65, Cl. 23—14.5.
Mayhew, Eldon J., to Halliburton Co. Well cementing compositions. 3,220,863, 11–30–65, Cl. 106—96.
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Mayhew, Raymond L., and E. P. Williams, to General Aniline & Film Corp. Tris(cyanoethoxymethyl)benzenes. 3,193,-371, 7–6–65, Cl. 71—2.3.
Mayhew, Thomas R.: *See*—
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Mayhew, Thomas R., to Radio Corp. of America. Difference amplifier including delay means and two-state device such as tunnel diode. 3,215,854, 11–2–65, Cl. 307—88.5.
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Maynard, Fred B., to Motorola, Inc. Electronic musical instrument. 3,205,294, 9–7–65, Cl. 84—1.11.
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Maynard, John T., to A. O. Smith Corp. Means for close placement of electrode plates in a thermionic converter. 3,173,032, 3–9–65, Cl. 310—4.
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Maynard, Robert L., to Sanders Associates, Inc. F.M. radar system with automatic bandwidth control. 3,218,641, 11–16–65, Cl. 343—14.
Maynard, Wheeler D., to General Signal Corp. Electromagnetic relay structure. 3,204,061, 8–31–65, Cl. 200—104.
Maynard, Wheeler D., to General Signal Corp. Contact blade mounting for relays having an integral resilient means for biasing said blade in position. 3,204,072, 8–31–65, Cl. 200—166.
Maynard, William M.: *See*—
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Mayne, Robert A., deceased (R. D. Mayne, executrix). Blower wheel and method of making same. 3,164,319, 1–5–65, Cl. 230—134.
Mayne, Robert A., deceased, by R. D. Mayne, executrix. Blower wheel. 3,181,778, 5–4–65, Cl. 230—134.
Mayne, Robert A., deceased, by R. D. Mayne, executrix. Method of blower wheel manufacture. 3,186,069, 6–1–65, Cl. 29—156.8.
Mayne, Robert A., deceased, by R. D. Mayne, executrix. Method of making a turbine type blower wheel. 3,224,078, 12–21–65, Cl. 29—156.8.
Mayne, Robert A., deceased, by R. D. Mayne, executrix. Method of manufacturing a turbine type blower wheel. 3,221,398, 12–7–65, Cl. 29—156.8.
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Mayne, William P., D. J. Russell, and L. Sykes, to United States of America, Navy. Circuit and technique for dividing pulse signals over a wide dynamic range of inputs. 3,222,508, 12–7–65, Cl. 235—196.
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McCain, William B., to Chicago Machinery Laboratory, Inc. Signature gathering and stitching machine. Re. 25,870, 10–5–65, 270—54.
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McCall, Ernest B., and T. J. Rawlings, to Monsanto Chemicals Ltd. Dibenzothiophene and dibenzofuran derivatives. 3,201,418, 8–17–65, Cl. 260—239.3.
McCall, Ernest B., and R. J. Roberts, to Monsanto Chemicals Ltd. Alkylation of aromatic compounds. 3,209,046, 9–28–65, Cl. 260—671.
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McCarrick, Henry J., H. E. Shaw, and C. E. Sanford, to Texas Instruments Inc. Thermally responsive electrical switch with overstress protection means. 3,204,065, 8–31–65, Cl. 200—137.

McCarroll, Lila K. Automobile shelter tent. 3,186,419, 6–1–65, Cl. 135—1.

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McCarthy, Charles E., and A. W. Scannell, to Leath, McCarthy & Maynard, Inc. Hosiery package and method and means for forming same. 3,193,137, 7–6–65, Cl. 221—48.

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McCarthy, Patrick B.; 40% to B. J. Stansbury, 20% to P. F. Loreridge, 20% to E. T. Saftic, and 20% to P. L. McCarthy. Electric cable clamp and protector. 3,171,889, 3–2–65, Cl. 174—136.

McCarthy, Patrick B., deceased, by Margaret L. McCarthy, legal representative. Electrical oil well heater apparatus. 3,187,814, 6–8–65, Cl. 166—60.

McCarthy, Patrick J.: *See*—
Dunifon, Gene R., and McCarthy. 3,170,711.

McCarthy, Paul R.: *See*—
Ambrose, Henry A., and McCarthy. 3,203,897.

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McCarthy, Patrick B. 3,171,889.

McCarthy, William C., to Phillips Petroleum Co. Separation of a dispersed liquid hydrocarbon phase from an immiscible liquid phase. 3,168,585, 2–2–65, Cl. 260—677.

McCartney, Duane N., and V. H. Carder, to Cochran Equipment Co. High lift trailer. 3,220,585, 11–30–65, Cl. 214—512.

McCartney, Kenneth C., to General Electric Co. Rotary switch employing two-step releasing mechanism and reset energy storage means. 3,183,317, 5–11–65, Cl. 200—18.

McCarty, Clifford E.: *See*—
Holak, William D., McCarty, and Hyypolainen. 3,191,016.

McCarty, Eugene F., to St. Regis Paper Co. Method of forming creped and embossed extensible paper. 3,203,850, 8–31–65, Cl. 162—113.

McCarty, George W., and H. O. Short, to The Black and Decker Mfg. Co. Compact rotary hammer. 3,203,490, 8–31–65, Cl. 173—109.

McCarty, George W., and J. J. Teige, to The Black and Decker Mfg. Co. Bearing means for power-operated device. 3,203,742, 8–31–65, Cl. 308—174.

McCarty, Horace G.: *See*—
Smith, Charles A., and McCarty. 3,170,699.

McCarty, Leslie P., to The Dow Chemical Co. Dispensing container. 3,179,311, 4–20–65, Cl. 222—424.

McCarty, Leslie P., to The Dow Chemical Co. Quaternary poly(oxyalkylene) alkylbis-(diethylenetriamine) compounds. 3,206,462, 9–14–65, Cl. 260—256.4.

McCarty, Lourdes V.: *See*—
Gorske, Herman A., and McCarty. 3,185,896.
Hotchkiss, Clifford, and McCarty. 3,189,328.
Strathearn, Donald M., and McCarty. 3,171,721.

McCarty, Lourdes V., W. A. Biermann, R. J. Duncan, and A. L. Teichert, to Controls Co. of America. Metering valve with viscosity compensating adjustment. 3,221,767, 12–7–65, Cl. 137—577.

McCarty, Orin P. Protective means for transformer tap changer. 3,206,569, 9–14–65, Cl. 200—61.03.

McCarty, Orin P., to General Electric Co. Fluid immersed tap changing switching system for transformers. 3,206,580, 9–14–65, Cl. 200—144.

McCarty, Richard G.: *See*—
Nuffer, Harold D., and McCarty. 3,192,476.

McCarty, Theodore M., to Gibson, Inc. Cart or carriage. 3,204,975, 9–7–65, Cl. 280—35.

McCarty, Theodore M., to Gibson, Inc. Adjustable cart or carriage. 3,215,447, 11–2–65, Cl. 280—35.

McCarty, Verle E., to General Motors Corp. Ignition distributor with cam and breaker plate lubrication means. 3,180,948, 4–27–65, Cl. 200—30.

McCarvell, John H.: *See*—
Carlisle, Willis C., and McCarvell. 3,194,175.

McCarvell, John H., and W. C. Carlisle. Gas lift method. 3,192,869, 7–6–65, Cl. 103—233.

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Craven, Jack L., Hedglin, D. T. Craven, McCarville, and Sweeney. 3,223,007.

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Crossland, Edward J., and McCaskill. 3,207,429.

McCaskill, Robert B., and I. G. Laws, to Seismograph Service Corp. Write-in for voting machines. 3,188,002, 6–8–65, Cl. 235—54.

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McCaughey, Walter S. and F. J. 3,205,521.

McCaughey, Walter S. and F. J. Toothbrush for dental cleaning compacts. 3,205,521, 9–14–65, Cl. 15—144.

McCaughna, James R., and R. R. Todesca. Microwave absorber and method of manufacture. 3,185,986, 5–25–65, Cl. 343—18.

McCaulay, David A.: *See*—
Wilson, Alexander T., and McCaulay. 3,177,132.

McCauley, George W. Structural surfaces. 3,186,522, 6–1–65, Cl. 189—1.

McCauley, Herbert J. Seat belt buckle. 3,197,832, 8–3–65, Cl. 24—78.

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McCauley, Porter T., to Microdyne, Inc. Electrical measuring system for measuring selected ones of a plurality of momentary input signals. 3,197,697, 7–27–65, Cl. 324—62.

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McCauley, Thomas E., to Nalco Chemical Co. Metallurgical process. 3,180,723, 4–27–65, Cl. 75—5.

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McCaw, Lowell E., and E. C. McClenachan, to American Cyanamid Co. Preparation of vinyl aromatic ester homopolymers and copolymers, incorporating a pre-polymerization homogenization step. 3,189,583, 6–15–65, Cl. 260—86.1.

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Howard, Robert G., McClain, and Perrine. 3,176,936.

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McClanahan, Maurice E., to Industrial Wiping Cloth Co. Inc. Method of recognizing industrial wiping cloths and towels by magnetic detection. 3,165,691, 1–12–65, Cl. 324—41.

McClarney, Harry W. Methods to construct masonries. 3,210,445, 10–5–65, Cl. 264—35.

McClay, Alexander W., Jr. Sculling support for an oar. 3,191,203, 6–29–65, Cl. 9—26.

McClean, Robert E., to Rival Mfg. Co. Can opener. 3,165,830, 1–19–65, Cl. 30—9.
McClean, William G. B. Expansion bolts. 3,179,082, 4–20–65, Cl. 116—114.
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Marous, Leonard F., and McCleary. Re. 25,763.
McCleary, William P.: *See*—
Robertson, John D., and McCleary. 3,167,843.
McCleery, Robert N., to The Delman Co. Differential fluid pressure motors. 3,183,793, 5–18–65, Cl. 92—48.
McClees, John V. Photographic lamp. 3,215,883, 11–2–65, Cl. 313—112.
McClellan, Aubrey L., to California Research Corp. Process for rejuvenating catalysts. 3,222,271, 12–7–65, Cl. 208—110.
McClellan, Herbert L., to The National Machinery Co. Shaped wire rolling. 3,178,924, 4–20–65, Cl. 72—235.
McClellan, Herbert L., and D. E. Huss, to The National Machinery Co. Method and apparatus for forming socket-head cap-screw blanks. 3,191,204, 6–29–65, Cl. 10—24.
McClellan, Herbert L., and R. E. Wisebaker, to The National Machinery Co. Method and apparatus for forming hollow rivets. 3,200,424, 8–17–65, Cl. 10—12.5.
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McClelland, Etheridge R., and G. E. Kilner, to Filper Corp. Apricot pitter. 3,194,290, 7–13–65, Cl. 146—238.
McClelland, Robert, to Safeway Steel Products, Inc. Power actuator mechanism. 3,178,154, 4–13–65, Cl. 254—1.
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Auwaerter, John F., Biggam, and McClelland. 3,200,193.
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Scotti, Frank, and McClenachan. 3,213,341.
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Stewart, Robert F., Larsen, and McClendon. 3,188,368.
McClenny, Robert W. Extended cultivator frame. 3,211,238, 10–12–65, Cl. 172—456.
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Killin, Arthur M., McClincy, and Gravely. 3,189,673.
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McClintock, Ralph M., to Ametek, Inc. Tensile testing cryostat. 3,212,320, 10–19–65, Cl. 73—15.6.
McClive, William J. Trailer and wheel-coupled vehicle hitch therefor. 3,175,845, 3–30–65, Cl. 280—460.
McClive, William J. Vehicle hitches and wheel coupling means therefor. 3,199,894, 8–10–65, Cl. 280—483.
McClocklin, Samuel B., and D. J. Kaplan, to Owatonna Tool Co. Rolling bed press. 3,168,034, 2–2–65, Cl. 100—214.
McCloskey, Albert R., to SKF Industries, Inc. Apparatus for manufacturing antifriction bearings. 3,174,213, 3–23–65, Cl. 29—201.
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Brotherton, Robert J., McCloskey, and Petterson. 3,165,481.
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McCloskey, Allen L., H. M. Manasevit, and R. J. Brotherton, to United States Borax & Chemical Corp. Method for preparing diboron tetrafluoride. 3,180,707, 4–27–65, Cl. 23—205.
McCloskey, Allen L., H. M. Manasevit, and R. J. Brotherton, to United States Borax & Chemical Corp. Method for preparing diboron tetrafluoride. 3,180,708, 4–27–65, Cl. 23—205.
McCloskey, Richard G., and H. H. Frank, to The Ridge Tool Co. Pipe holding device. 3,186,704, 6–1–65, Cl. 269—9
McCloud, George R., to McGraw-Edison Co. Drop out fuse construction having a fuse tube which is resiliently mounted in an annular support member. 3,177,317, 4–6–65, Cl. 200—114.
McCloud, James R., to I-T-E Circuit Breaker Co. Gas seal for oil circuit breakers. 3,179,423, 4–20–65, Cl. 277—30.
McCloud, James R., to I-T-E Circuit Breaker Co. Operating mechanism for circuit breakers. 3,187,593, 6–8–65, Cl. 74—106.
McCloud, James R., to I-T-E Circuit Breaker Co. Bracing and support structure for oil circuit breakers. 3,198,918, 8–3–65, Cl. 200—150.
McCloud, Simon. Automatic well head flow control. 3,189,045, 6–15–65, Cl. 137—505.13.
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McClure, Arthur W., to The Trane Co. Refrigerating apparatus including means for cooling compression motor. 3,218,825, 11–23–65, Cl. 62—505.
McClure, Frank T., to United States of America, Navy. Method of navigation. 3,172,108, 3–2–65, Cl. 343—112.
McClure, Glenn T., to Westinghouse Air Brake Co. Angle cock. 3,165,293, 1–12–65, Cl. 251—252.
McClure, Glenn T., to Westinghouse Air Brake Co. Fluid pressure brake control apparatus. 3,180,695, 4–27–65, Cl. 303—86.
McClure, Glenn T., to Westinghouse Air Brake Co. Rotary compressor. 3,193,191, 7–6–65, Cl. 230—158.
McClure, Glenn T., to Westinghouse Air Brake Co. Railway brake control system with optional direct or graduated release feature. 3,208,801, 9–28–65, Cl. 303—36.
McClure, James D., to Shell Oil Co. 2-carboalkoxy-4-cyano-1-butene production. 3,225,082, 12–21–65, Cl. 260—465.4.
McClure, James D., to Shell Oil Co. Dimerization process of preparing 1,4-dicyano-1-butene from acrylonitrile. 3,225,083, 12–21–65, Cl. 260—465.8.
McClure, John L., to General Electric Co. Arc-suppressing multiposition electric switch. 3,165,598, 1–12–65, Cl. 200—5.
McClure, Mark. Hopper and trough feeder with adjustable supply means. 3,225,743, 12–28–65, Cl. 119—53.
McClure, Melvin G. Guard for poultry fountains. 3,195,509, 7–20–65, Cl. 119—61.
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Morgan, William A., McClure, and King. 3,203,789.
McClure, Robert M., to Texas Instruments Inc. System for generating facsimiles of radar signals. 3,165,024, 1–12–65, Cl. 88—24.
McClure, Stanley R. Mechanical off-bearing mechanism. 3,165,129, 1–12–65, Cl. 143—157.
McClure, William L., to Sun Oil Co. Contacting fluid material with granular solids. 3,173,858, 3–16–65, Cl. 208—148.
McClure, William M., Jr., to Draper Corp. Method of preventing starting marks in weaving. 3,173,455, 3–16–65, Cl. 139—291.
McClymont, Kenneth R. Pilot-wire protection of transmission lines. 3,223,891, 12–14–65, Cl. 317—27.
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McColl, William, to Diamond Power Specialty Corp. Valve heating means. 3,200,833, 8–17–65, Cl. 137—154.
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McCollum, Burton, deceased; P. R. Rowe, and Bank of the Southwest National Association, executors. Method of seismic exploration. 3,182,743, 5–11–65, Cl. 181—.5.
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McComb, Bruce W. and K. H. 3,190,210.
McCombs, Howard L., Jr., to The Bendix Corp. Motion transmitting system. 3,171,330, 3–2–65, Cl. 91—385.
McCombs, Howard L., Jr., to The Bendix Corp. Fuel control for combustion engines. 3,173,468, 3–16–65, Cl. 158—36.4.
McCombs, Howard L., Jr., to The Bendix Corp. Fuel control for combustion engine. 3,195,308, 7–20–65, Cl. 60—39.28.
McConaha, Thomas O. Bearing removal and installation device. 3,174,218, 3–23–65, Cl. 29—256.
McConeghy, Charles J. Dummy shotgun shell blank. 3,200,746, 8–17–65, Cl. 102—39.
McConeghy, George Jr., to International Harvester Co. Material wagon. 3,214,050, 10–26–65, Cl. 214—519.
McConeghy, George, Jr., and H. O. Halstensgard, to International Harvester Co. Self-unloading wagon. 3,214,051, 10–26–65, Cl. 214—522.
McConkie, Howard S. Method of testing for tire leaks. 3,175,390, 3–30–65, Cl. 73—49.
McConnaughey, William E., to United States of America, Navy. Carbon dioxide absorption manifold. 3,178,269, 4–13–65, Cl. 23—284.
McConnell, Albert L., to Scott Paper Co. Composite plastic container. 3,199,757, 8–10–65, Cl. 229—1.5.
McConnell, Albert L., and W. R. Adams, to Scott Paper Co. Composite fabric and method of manufacture thereof. 3,215,584, 11–2–65, Cl. 161—64.
McConnell, Albert L., and E. M. Kasinkas, to Scott Paper Co. Embossed plastic bag. 3,224,574, 12–21–65, Cl. 206—56.
McConnell, George, to Imperial Chemical Industries Ltd. Polymerisation inhibiting process in making methacrylic compounds. 3,210,419, 10–5–65, Cl. 260—561.
McConnell, Kennedy, to Interlake Steel Corp. Core liner. 3,203,453, 8–31–65, Cl. 140—92.1.
McConnell, Richard L.: *See*—
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McConnell, Wayne V., and W. H. Moore, to Eastman Kodak Co. Process for preparing esters of 2,2,4,4-tetramethyltetrahydro-3-furanol. 3,184,480, 5–18–65, Cl. 260—347.4.
McCook, Mildred T. Babies' snap-back toy harness and exerciser. 3,184,883, 5–25–65, Cl. 46—32.

McCord, Andrew T., to The Carborundum Co. Fuel oil composition containing corrosion inhibiting additive. 3,205,053, 9–7–65, Cl. 44—66.
McCord, Carson W., to The Jeffrey Galion Mfg. Co. Adjustable toothed wheel. 3,216,269, 11–9–65, Cl. 74—243.
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McCord, Georgie P., to United States Rubber Co. Molded article, especially a tubeless tire valve stem assembly. 3,191,-655, 6–29–65, Cl. 152—427.
McCord, Robert C., and W. T. Maginnis, to Pro-phy-lac-tic Brush Co. Toothbrush package advertising tab combination. 3,220,543, 11–30–65, Cl. 206—45.34.
McCord, Wilfred M., Jr., to Vermont American Corp. Abrasive article backed with stretchable-compressible material. 3,214,253, 10–26–65, Cl. 51—297.
McCorkle, Carl. Metal siding structure. 3,188,774, 6–15–65, Cl. 50—221.
McCorkle, William C., Jr., and R. G. Conard, to United States of America, Army. Drag-compensated missile. 3,205,820, 9–14–65, Cl. 102—49.
McCorkle, Willard H., and H. S. Cern, to United States of America, Atomic Energy Commission. Nuclear reactor core and fuel assembly. 3,165,448, 1–12–65, Cl. 176—50.
McCormack, Austin F., Jr. Steam heating apparatus. 3,211,-376, 10–12–65, Cl. 237—68.
McCormack, Peter A.: *See*—
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McCormack, Walter R., to Western Electric Co., Inc. Substrates having solderable gold films formed thereon, and methods of making the same. 3,207,838, 9–21–65, Cl. 174—68.5.
McCormick, Francis A., and R. L. Newton, to Owens-Illinois Glass Co. Slitter machine with automatic edge control. 3,176,567, 4–6–65, Cl. 83—364.
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McCormick, James B. Magnetic mounting device for a microtome. 3,190,164, 6–22–65, Cl. 83—411.
McCormick, James B., to Ames Atomium, Inc. Anti-roll device. 3,191,476, 6–29–65, Cl. 83—169.
McCormick, James B., to Ames Atomium, Inc. Stacked Petri dishes. 3,198,713, 8–3–65, Cl. 195—139.
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McCormick, James B., and H. Cousins, to Ames Atomium, Inc. Microtome specimen-freezing apparatus. 3,204,424, 9–7–65, Cl. 62—320.
McCormick, James B., and H. Cousins, to Ames Lab-Tek, Inc. Microtome having means to incrementally feed the cutting blade toward the specimen carrier. 3,212,379, 10–19–65, Cl. 83—167.
McCormick, Jerry R. D., and J. Reichenthal, to American Cyanamid Co. Derivatives of 1,3,11,12-tetrahydroxynaphthacene and 1,3,6,11-tetrahydroxynaphthacene-5,12-quinone. 3,201,424, 8–17–65, Cl. 260—351.
McCormick, Jerry R. D., N. O. Sjolander, and S. J. Johnson, to American Cyanamid Co. Biological transformation of 1, 3,10,11,12-penta - hydroxynaphthacene - 2 - carboxamides to tetracycline antibiotics. 3,226,305, 12–28–65, Cl. 195—80.
McCormick, Jerry R. D., R. Winterbottom, and P. Bitha, to American Cyanamid Co. Novel 7,11A-dihalotetracyclines and the process of preparing them. 3,226,435, 12–28–65, Cl. 260—559.
McCormick, John E., to Southwestern Porcelain Steel Corp. Wall-panel structure. 3,205,632, 9–14–65, Cl. 52—588.
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McCormick, Maurice D. Rotary vane thermostat. 3,184,-164, 5–18–65, Cl. 236—34.
McCormick, Maurice D., to The Dole Valve Co. Combination vent cap and valve for automobile radiators. 3,203,445, 8–31–65, Cl. 137—493.4.
McCormick, Maurice D. Adjustably related golf club shaft and head including two striking faces and shaft position indicator means. 3,204,962, 9–7–65, Cl. 273—80.1.
McCormick, Maurice D., to The Dole Valve Co. Pressure cap for sealed cooling system. 3,216,608, 11–9–65, Cl. 220—44.
McCormick, Rayna H. Bowling ball display rack. 3,198,338, 8–3–65, Cl. 211—14.
McCormick, Robert W., to Union Bag-Camp Paper Corp. Collapsible tray. 3,167,211, 1–26–65, Cl. 220—110.
McCornack, Clark W. Convertible-top window structure. 3,191,989, 6–29–65, Cl. 296—145.
McCorquodale, Wilmer E., Jr., to Sun Oil Co. Method of preparing a slow release urea fertilizer. 3,192,033, 6–29–65, Cl. 71—28.
McCowan, David A. Knock-down stand. 3,180,288, 4–27–65, Cl. 108—101.
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McCoy, Bernard J., to Tamar Electronics Industries Inc. Torque test device. 3,200,633, 8–17–65, Cl. 73—9.
McCoy, Charles E., Jr., to The Dow Chemical Co. Alkylphenoxybenzoic acids. 3,213,133, 10–19–65, Cl. 260—520.
McCoy, Frederic C., and E. C. Knowles, to Texaco Inc. Plant composition. 3,171,779, 3–2–65, Cl. 167—42.
McCoy, Frederic C., and E. C. Knowles, to Texaco Inc. Hydrazine-hydrocarbon dispersion composition. 3,212,866, 10–19–65, Cl. 44—51.
McCoy, James R., to Harvest Queen Mill & Elevator Co. Valve system for sequential flow from multizone producing wells. 3,195,644, 7–20–65, Cl. 166—147.
McCoy, James R., and J. P. Reeves, to Harvest Queen Mill & Elevator Co. Oil well pump. 3,177,943, 4–13–65, Cl. 166—68.
McCoy, John H., to National Rolling Mills Co. Suspended ceiling grid structure. 3,169,614, 2–16–65, Cl. 189—82.
McCoy, Laverne D., to United Aircraft Corp. Clamping device. 3,211,477, 10–12–65, Cl. 285—286.
McCoy, Marlene. Vector and trigonometric static-balance computer. 3,178,108, 4–13–65, Cl. 235—61.
McCoy, Oakley H., to Bunker-Ramo Corp. Trigger circuit. 3,214,644, 10–26–65, Cl. 317—148.5.
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McCoy, Rawley D., to Dynamics Corp. of America. Variable bandwidth tracking system. 3,206,753, 9–14–65, Cl. 343—117.
McCracken, Charles E. Method and apparatus for record keeping. 3,215,451, 11–2–65, Cl. 281—44.
McCracken, James W. Rigid crating system for sheet material and the like. 3,206,050, 9–14–65, Cl. 214—152.
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McCracken, John H., J. G. D. Schulz, and A. C. Whitaker, to Gulf Research & Development Co. Process for purifying benzophenone 4,4′-dicarboxylic acid. 3,197,499, 7–27–65, Cl. 260—475.
McCracken, John H., J. G. D. Schulz, and A. C. Whitaker, to Gulf Research & Development Co. Process for hydrogenating diarylketone carboxylic acids. 3,203,982, 8–31–65, Cl. 260—515.
McCracken, Philip G., to The Dow Chemical Co. Method for making aminonitriles. 3,174,992, 3–23–65, Cl. 260—465.5.
McCracken, William L., and F. J. Opolski, to Detrex Chemicals Industries, Inc. Sandwich transducer. 3,183,378, 5–11–65, Cl. 310—8.7.
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Bently, George K., and Mathis. 3,218,822.
McCrea, Joseph, to Stapling Machine Co. Wirebound container. 3,211,356, 10–12–65, Cl. 229—23.
McCready, Raymond G., to Carrier Corp. Heat pump. 3,173,-476, 3–16–65, Cl. 165—17.
McCreanor, Richard A., to Donart Electronics Inc. Method and apparatus for optically measuring the thickness of thin transparent films. 3,185,024, 5–25–65, Cl. 88—14.
McCreary, Harold J., to Automatic Electric Laboratories, Inc. Mosaic sheet for analysis and synthesis of memory meshes. 3,178,691, 4–13–65, Cl. 340—174.
McCreary, Harold J., to Bunker-Ramo Corp. Electromagnetic delay head. 3,214,746, 10–26–65, Cl. 340—174.1.
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McCreery, Cecil W., to Owens-Illinois Glass Co. Transfer apparatus. 3,175,704, 3–30–65, Cl. 214—1.
McCreery, Robert B., to The Marmac Co. Differential hydraulic cylinder mechanism. 3,181,436, 5–4–65, Cl. 92—117.
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Einstein, Edward, and McCreight. 3,176,054.
McCreight, Donald O., A. L. Renky, and B. Davies, to Harbison-Walker Refractories Co. Particulate refractory material. 3,164,483, 1–5–65, Cl. 106—44.
McCreight, Donald O., and A. L. Renkey, to Harbison-Walker Refractories Co. Refractory monolith of preformed grain and dead burned magnesite. 3,184,531, 5–18–65, Cl. 13—35.
McCrink, Joseph J. Resilient flush tank valve and water level indicator. 3,173,152, 3–16–65, Cl. 4—52.
McCrink, Joseph J. Brush head and handle lock. 3,183,540, 5–18–65, Cl. 15—145.
McCrory, John F., 2½% to V. Allen, and 5% to D. J. and B. M. Ward. Automatic tire tread gauge. 3,183,481, 5–11–65, Cl. 340—52.
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McCuen, Peter A., to Varian Associates. Heat exchange apparatus having additional conducting paths. 3,193,003, 7–6–65, Cl. 165—185.
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McCulley, James H., to The Johnson Rubber Co. Boat fender. 3,225,731, 12–28–65, Cl. 114—219.

McCulloch, Charles R., to The B. F. Goodrich Co. Polymeric polyesters terminated with organic carbamate groups. 3,205,284, 9–7–65, Cl. 260—858.
McCulloch, Charles R., to United States of America, Air Force. Side pullaway disconnect apparatus. 3,215,970, 11–2–65, Cl. 339—45.
McCulloch Corp.: *See*—
Bailey, Jay R. 3,177,962.
Barr, Edward J. 3,174,730.
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Beck, Niels J. 3,195,525.
Ehlen, Jack W., and Frech. 3,170,497.
Frederickson, Robert E. 3,189,064.
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Jackson, Robert V. 3,204,173.
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Millar, Gordon H. 3,200,580.
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McCulloch, Doyle W., and W. H. Harwood, to Continental Oil Co. Comminuting machine. 3,219,283, 11–23–65, Cl. 241—46.
McCulloch, Garland J., to Trak Microwave Corp. Microwave oscillator with bimetal temperature compensation. 3,173,-106, 3–9–65, Cl. 331—98.
McCulloch, Harold W., to John E. Mitchell Co. Vacuum rug cleaner attachment. 3,186,023, 6–1–65, Cl. 15—364.
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McCullough, Douglas G., and J. W. Rosenbery, to General Motors Corp. High temperature chromium-tungsten-molybdenum alloy. 3,174,852, 3–23–65, Cl. 75—176.
McCullough, Foy. Jr. Aerial cargo delivery device. 3,202,386, 8–24–65, Cl. 244—138.
McCullough, Harry E. Corn picker rolls cleaner. 3,199,125, 8–10–65, Cl. 7—14.1.
McCullough, Ira J., and O. J., and W. G. Sweetman. Expendible gun assembly for preforating wells. 3,211,093, 10–12–65, Cl. 102—20.
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McCullough, Otis J.: *See*—
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Watkins, Nathaniel L., Jr., and McCurdy. 3,182,041.
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McCuskey, James R., and J. E. Koenig, to The Central States Can Corp. Container construction. 3,204,813, 9–7–65, Cl. 220—60.
McCutchen, Charles W. Bearings. 3,220,786, 11–30–65, Cl. 308—240.
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Kobbe, John R., and McCutcheon. 3,219,801.
McCutcheon, Samuel R., to Tektronix, Inc. Noise suppressor circuit. 3,196,292, 7–20–65. Cl. 307—88.5.
McCutcheon, Samuel R., and C. N. Winningstad, to Tektronix, Inc. Electrical switch with the outer conductors of coaxial leads connected to spaced shield plates. 3,181,086, 4–27–65, Cl. 333—7.
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McDaniel, Edgar L., and H. S. Young, to Eastman Kodak Co. Process for the preparation of acrolein. 3,173,957, 3–16–65, Cl. 260—604.
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McDaniel, Lawrence E. Anchor. 3,215,111, 11–2–65, Cl. 114—208.
McDaniel, Lloyd E., C. P. Schaffner, and E. G. Bailey, to Warner-Lambert Pharmaceutical Co. Production of fungimycin. 3,182,004, 5–4–65, Cl. 195—80.
McDaniel, Louis: *See*—
Gibson, Francis E., and McDaniel. 3,169,310.
McDaniel, Louis, to Inland Steel Co. Method of rolling strips of metal. 3,195,333, 7–20–65, Cl. 72—46.
McDaniel, Raymond R. Recording and reproduction of intelligence signals. 3,187,114, 6–1–65, Cl. 179—100.3.
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McDannold, Ronald E. Method and apparatus for reading targets. 3,193,818, 7–6–65, Cl. 340—323.
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McDermid, William L., H. E. Petersen, and G. L. Ashelton, Jr., to International Business Machines Corp. Unambiguous identification systems. 3,167,743, 1–26–65, Cl. 340—146.3.
McDermon, Walter, to Esso Research and Engineering Co. Piping T with deflector for removal of spherical "pigs." 3,174,171, 3–23–65, Cl. 15—104.06.
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McDermott, John J. Electric animal gate. 3,208,433, 9–28–65, Cl. 119—155.
McDermott, John P., to Esso Research and Engineering Co. Organic ammonium phytates as additives for promoting electrical conductivity. 3,206,290, 9–14–65, Cl. 44—75.
McDermott, John P., to Esso Research and Engineering Co. Solids having improved electrical conductivity. 3,226,321, 12–28–65, Cl. 252—8.8.
McDermott, John R., and R. F. Muller, Jr., to American Cyanamid Co. Ball check valve. 3,176,713, 4–6–65, Cl. 137—533.15.
McDermott, Julian A. Lamp fixture. 3,196,269, 7–20–65, Cl. 240—151.
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McDonald, David W., and R. G. Roth, to Monsanto Co. Polymerization of acrylonitrile in the presence of a complex cyanide. 3,220,990, 11–30–65, Cl. 260—88.7.
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McDonald, Elwood L., to Frederick & Nelson, a division of Marshall Field & Co. Integrated candy making machine. 3,207,088, 9–21–65, Cl. 107—4.
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McDonald, John J., to R. Hoe & Co. Inc. Reel tension and paster mechanism. 3,217,999, 11–16–65, Cl. 242—58.3.
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McDonald, John W., to National Lead Co. Large angular core locking mechanism for die casting. 3,165,796, 1–19–65, Cl. 22—93.
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McDonald, Lee L., Jr. Oxygen enricher for combustion engines. 3,177,633, 4–13–65, Cl. 55—100.
McDonald, Louis, to Kelite Corp. Composition for cleaning hard surfaces. 3,186,947, 6–1–65, Cl. 252—137.
McDonald, Lyell J., to C. G. Conn, Ltd. Transistor keyer. 3,196,201, 7–20–65, Cl. 84—1.26.

McDonald, Lyell J., to C. G. Conn, Ltd. Multi-channel expression control for electrical musical instruments. 3,223,937, 12–14–65, Cl. 330—28.
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McDonald, Michael F., Sr., G. W. Adams, and G. B. Jolley, to Esso Research and Engineering Co. Supported AlBr₃ catalyst of enhanced activity. 3,180,905, 4–27–65, Cl. 260—683.7.
McDonald, Robert J. Ski pole rings. 3,193,300, 7–6–65, Cl. 280—11.37.
McDonald, Robert J. Hollow tapered ski pole terminating in an integral point. 3,204,974, 9–7–65, Cl. 280—11.37.
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McDonald, William L., to International Business Machines Corp. Serial binary adder-subtracter. 3,209,132, 9–28–65, Cl. 235—175.
McDonald, William L., and R. H. Thurmond, to International Business Machines Corp. Method and apparatus for translating decimal numbers to equivalent binary numbers. 3,185,825, 5–25–65, Cl. 235—155.
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McDonnell, Gorge. Drill hole indicator. 3,180,034, 4–27–65, Cl. 33—205.
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McDonough, Robert D. Prefabricated movable wall section. 3,174,593, 3–23–65, Cl. 189—34.
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McDougall, Nicholas E., ½ to F. J. Soukey. Boat top. 3,179,959, 4–27–65, Cl. 9—1.
McDougall, Robert B., to United States Rubber Co. Method of making toluene diisocyanate. 3,210,395, 10–5–65, Cl. 260—453.
McDougall-Kaley, Flora. Apparatus for applying lotions, dyes, bleaches or the like to the hair. 3,204,644, 9–7–65, Cl. 132—9.
McDowall, Charles J., to General Motors Corp. Torque responsive clutch with limited torque in one direction and unlimited torque in the opposite direction. 3,191,732, 6–29–65, Cl. 192—48.
McDowell, Albert. Note finder. 3,180,200, 4–27–65, Cl. 84—477.
McDowell, Fred L., Jr., to Deering Milliken Research Corp. Method of imparting wet and dry crease recovery to cellulose textile fabric. 3,173,750, 3–16–65, Cl. 8—116.
McDowell, Hunter L., to Bell Telephone Laboratories, Inc. Collector circuit for electron beam devices. 3,172,006, 3–2–65, Cl. 315—5.38.
McDowell, Hunter L., and J. E. Sidoti, to S-F-D Laboratories, Inc. Temperature compensated slow wave structure. 3,185,890, 5–25–65, Cl. 315—39.69.
McDowell, James, and F. C. Schrack, to The Diversey Corp. Mixing apparatus. 3,187,769, 6–8–65, Cl. 137—564.5.
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Rickard, Clyde E. 3,211,472.
McDowell, Richard H., to Alginate Industries Ltd. Process of rendering ground impermeable to water. 3,180,097, 4–27–65, Cl. 61—36.
McDowell, Robert C., to McDowell-Wellman Engineering Co. Bulk material loading system. 3,198,353, 8–3–65, Cl. 214—14.
McDowell, Robert C., and T. E. Ban, to McDowell-Wellman Engineering Co. Scraping apparatus for pelletizing pan. 3,169,269, 2–16–65, Cl. 18—1.
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McDowell, Wilbur B., and W. Schmidt, to Olin Mathieson Chemical Corp. 2-(2,6-dimethoxybenzoylthio)acetic acid. 3,178,466, 4–13–65, Cl. 260—455.
McDowell, William B., to Michigan Tube Benders, Inc. Gas meter mounting bracket. 3,208,704, 9–28–65, Cl. 248—68.
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McDuffee, Robert W., to McDuffee Bros., Inc. Humidifier. 3,171,401, 3–2–65, Cl. 126—113.
McDuffie, Thomas F., to The Youngstown Sheet and Tube Co. Pumping systems. 3,212,406, 10–19–65, Cl. 91—165.
McDuffy, Iodice A., Jr., and R. E. Patton. Assembly for positioning the ring rail of spinning machines or the like. 3,196,600, 7–27–65, Cl. 57—54.
McEachern, Irvin D., deceased; W. T. McEachern, executor. Attachment for cylinders of combines. 3,210,920, 10–12–65, Cl. 56—119.
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McEathron, Gerald R. Power plant safety system. 3,199,523, 8–10–65, Cl. 137—26.
McElfresh, William G., and W. A. Ross, to Dura Corp. Universal torsion spring gauge. 3,203,103, 8–31–65, Cl. 33—181.
McElheny, Clinton B., and M. M. Sauers. Transmission. 3,224,284, 12–21–65, Cl. 74—119.
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Oakes, Earle T., Doom, Sundheim, and McElligott. 3,170,608.
McElreath, Elmer J., to Hamilton Humidity, Inc. Humidifier and deodorizer. 3,190,624, 6–22–65, Cl. 261—92.
McElreath, Elmer J. Illuminated mirror. 3,211,903, 10–12–65, Cl. 240—4.2.
McElroy, Albert D., J. S. Hashman, and J. C. Renforth, to Callery Chemical Co. Complex perchlorate compound and its production. 3,167,386, 1–26–65, Cl. 23—14.
McElroy, James N., to Intermountain Aviation, Inc. Aircraft conveyor system. 3,170,553, 2–23–65, Cl. 193—35.
McElroy, Robert K., and F. P. Lawler, to Continental Can Co., Inc. Vacuum capping machine and components thereof. 3,191,354, 6–29–65, Cl. 53—96.
McElroy, Wilbur R., and S. A. D. Visser, to Mobay Chemical Co. Sequential preparation of urethane-polyisocyanates. 3,218,348, 11–16–65, Cl. 260—471.
McElroy, William D., and E. H. White. Hydroxybenzothiazoles and methods of preparing same. 3,164,613, 1–5–65, Cl. 260—243.
McElvenny, Robert T., deceased; Mercantile National Bank of Chicago, executor. Method and apparatus for measuring temperatures. 3,217,544, 11–16–65, Cl. 73—362.
McElwain, J. F., Co.: *See*—
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De Witt, John R., Mackay, and Reilly. 3,192,545.
McElwain, J. F., Co., a division of Melville Shoe Corp. Unitary shoe and heel. 3,175,309, 3–30–65, Cl. 36—32.
McEntee, Frank J., Jr. Method and apparatus for heat exchange in a fluidized bed. 3,206,865, 9–21–65, Cl. 34—10.
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Ma, James J. L., Wright, and McEuen. 3,194,643.
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McEuen, Robert B., to The Pure Oil Co. Apparatus and method for separating polarizable from non-polarizable particles. 3,197,394, 7–27–65, Cl. 204—186.
McEver, James W., and W. K. Godfrey, to Shell Oil Co. Prestressing a pipe string in a well cementing method. 3,183,971, 5–18–65, Cl. 166—21.
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McEvoy, James E., and T. H. Milliken, Jr., to Air Products and Chemicals, Inc. Hydrogen from hydrocarbons. 3,194,636, 7–13–65, Cl. 23—212.
McEvoy, James E., and H. Shalit, ½ to Air Products and Chemicals, Inc. and ½ to Northern Natural Gas Co. Method of forming paste-form fuel cell electrode. 3,212,-936, 10–19–65, Cl. 136—120.
McElwain, J. F. Co., a division of Melvile Shoe Corp. Unitary shoe and heel. 3,175,309, 3–30–65, Cl. 36—32.
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McInerney, John A., to Crane Co. Concentric duct valve construction. 3,167,088, 1–26–65, Cl. 137—375.
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Boyd, Charles A., Jones, Kartluke, and McKaig. 3,212,313.
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McKay, Arthur F., to Monsanto Canada Ltd. 1-N-dodecyl-2-dichloroacetylguanidine. 3,169,146, 2–9–65, Cl. 260—561.
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McKay, James G., to Kiwi Coders Corp. Magnetic printing wheel construction. 3,180,259, 4–27–65, Cl. 101—378.
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McKee, William E., to Sundstrand Corp. Light intensity measuring device and method using 2-(2',4'-dinitrobenzyl)-pyridine. 3,194,963, 7–13–65, Cl. 250—83.
McKee, William H., to United-Carr Fastener Corp. Closed-entry contact component. 3,169,817, 2–16–65, Cl. 339—256.
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McKeekin, James H., to Brockway Glass Co., Inc. Differential transformer apparatus for inspecting glass container finishes. 3,196,550, 7–27–65, Cl. 33—174.
McKeen, Hugh B., Jr. Saddle handle attachment. 3,196,595, 7–27–65, Cl. 54—46.
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McKenna, James C., K. Albrecht, and J. H. McCracken, to Diamond Alkali Co. Dry free-flowing detergent composition and method of preparation. 3,223,646, 12–14–65, Cl. 252—135.
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McKenzie, William G., to Walker Mfg. Co. Metering device. 3,197,088, 7–27–65, Cl. 222—453.
McKenzie, William G., to Walker Mfg. Co. Metering dispenser operated by the pressure of material dspensed. 3,209,956, 10–5–65, Cl. 222—318.
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McKeon, James E., and P. S. Starcher, to Union Carbide Corp. Preparation of olefinic esters. 3,221,045, 11–30–65, Cl. 260—497.
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McKinney, Aubrey R., to Standard Oil Co. Pressure esterification. 3,185,670, 5–25–65, Cl. 260—75.
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McKirdy, Robert W., and M. N. La Torra, to Dilectrix Corp. Oxygenation-dialysis method. 3,212,498, 10–19–65, Cl. 128—214.
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McKnight, Kenneth W., and C. W. Virant, to Reserve Mining Co. Self-cleaning hydraulic classifier control. 3,224,581, 12–21–65, Cl. 209—158.
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McKusick, Blaine C., and O. W. Webster, to E. I. du Pont de Nemours and Co. Charge-transfer compounds and their preparation. 3,214,455, 10–26–65, Cl 260—430.
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McLagan, Russell G., to McGraw-Edison Co. Segregating control. 3,217,903, 11–16–65, Cl. 214—11.
McLain, George E., to United States of America, Air Force. Electrical disconnect device. 3,195,097, 7–13–65, Cl. 339—45.
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McLaren, Cornelius F., Jr., to Esso Production Research Co. Method for positively determining the location of a drill string. 3,220,495, 11–30–65, Cl. 175—45.
McLaren, Robert J. Combined plug receptacle and circuit overload protective device. 3,184,569, 5–18–65, Cl. 200—121.
McLaughlin, Clayton H. Hatch cover assembly. 3,183,872, 5–18–65, Cl. 114—201.
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McLaughlin, Emmett J., to Westinghouse Electric Corp. Wiring device and wire engagement arrangement. 3,206,710, 9–14–65, Cl. 339—95.
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McLaughlin, James N. Animal actuated insecticide applicator. 3,167,055, 1–26–65, Cl. 119—157.
McLaughlin, Joseph E., and J. A. Vasta, to E. I. du Pont de Nemours and Co. Heat-curable coating compositions containing polyhydric alcohols. 3,196,120, 7–20–65, Cl. 260—23.
McLaughlin, Lynn G., to E. I. du Pont de Nemours and Co. Removal of metal contaminants by use of mercapto-compound and cation exchange resin. 3,224,979, 12–21–65, Cl. 252—414.
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Morley, Frederick W. W., McLean, and Armer. 3,205,024.
McLean, George F., Jr.: *See*—
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McLean, I William, Jr., and F. W. Trader, Jr., to Parke, Davis & Co. Aqueous resuspension vaccine product of aluminum phosphate-adsorbed poliomyelitis virus antigen, and production process. 3,183,161, 5–11–65, Cl. 167—78.
McLean, John O., and W. B. Jenkins, to Reynolds Metals Co. Sliding surface protection. 3,199,929, 8–10–65, Cl. 308—4.
McLean, Scott, to L. F. Strassheim Co. Safety seat. 3,182,614, 5–11–65, Cl. 108—118.
McLean, Wellington P. Caster. 3,224,032, 12–21–65, Cl. 16—26.

McLean, William B., to Dravo Corp. Snubbing system for cranes. 3,179,259, 4–20–65, Cl. 212—11.
McLean, William B., 50% to W. G. Finch. Torpedo craft. 3,196,820, 7–27–65, Cl. 114—20.
McLean, William B., 50% to Walter G. Finch. Proportional navigation system for a spinning body in free space. 3,216,674, 11–9–65, Cl. 244—14.
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Cramer, Howard A., and McLean. 3,199,058.
McLean, William E., and G. A. Swartz, to Electra Mfg. Co. Filament for vacuum deposition apparatus and method of making it. 3,190,771, 6–22–65, Cl. 117—227.
McLeish, William A., and B. L. Waldruff, to Jeffrey Galion Mfg. Co. Suspended belt conveyor. 3,212,626, 10–19–65, Cl. 198—192.
McLeland, Harold H.: *See*—
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McLellan, William H., to Electro-Optical Systems, Inc. Dual semiconductor strain gauges. 3,196,668, 7–27–65, Cl. 73—88.5.
McLemore, Terrell R., to Marsh Stencil Machine Co. Fountain roller. 3,186,024, 6–1–65, Cl. 15—547.
McLennan, Charles A., and D. G. Dixon. Buoyant article transporter. 3,186,369, 6–1–65, Cl. 114—43.5.
McLennan, Donald E., to Canada, Her Majesty the Queen in the right of, as represented by the Minister of National Defence. Reduction of gun barrel wear. 3,209,689, 10–5–65, Cl. 102—38.
McLeod, Charles A.: *See*—
Ernest, Robert O., and McLeod. 3,177,646.
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McLeod, Stewart B., and R. E. Shelhart, to Dura Corp. Rotor pump seal. 3,170,409, 2–23–65, Cl. 103—126.
McLeod, William, to Halsam Products Co. Fastening means for containers. 3,212,666, 10–19–65, Cl. 220—55.7.
McLin, Frank D., G. W. Sellers, and D. B. Hallock, to Collins Radio Co. Dual feedback direct frequency modulation system. 3,199,028, 8–3–65, Cl. 325—148.
McLintic, William J., to Thorn Electrical Industries Ltd. Electric incandescent lamps. 3,221,202, 11–30–65, Cl. 313—271.
McLoughlin, George H. Breakable golf club. 3,206,205, 9–14–65, Cl. 273—80.
McLouth, Bruce F., to Burn-Zol Inc. Incinerator. 3,166,033, 1–19–65, Cl. 110—18.
McMahan, Herschel E., and A. H. Stoughton, to General Motors Corp. Gear checking apparatus and method. 3,181,247, 5–4–65, Cl. 33—179.5.
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McMahan, Kenton D. Centrifugal fluid pump. 3,171,353, 3–2–65, Cl. 103—87.
McMahan, Kenton D. Centrifugal pumps. 3,188,968, 6–15–65, Cl. 103—109.
McMahan, Kenton D. Centrifugal pumps. 3,213,797, 10–26–65, Cl. 103—87.
McMahan, Robert D. Air diffuser and dispenser for automotive vehicles. 3,203,476, 8–31–65, Cl. 165—42.
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McMahon, Michael, J., to Red Owl Stores, Inc. Egg carton. 3,176,899, 4–6–65, Cl. 229—29.
McMaken, Gerald E. Control device for maintaining a predetermined throttle setting. 3,204,734, 9–7–65, Cl. 192—3.
McManama, Charles E. Supporting device for hand carriable sawmill having a rectangular guide rail carriage mountable upon the log. 3,168,127, 2–2–65, Cl. 143—19.
McManama, Charles E. Setting dog for portable band saw. 3,213,904, 10–26–65, Cl. 143—19.
McManama, Charles E. Setting mechanism for a hand portable sawmill. 3,213,905, 10–26–65, Cl. 143—19.
McManama, Charles E. Thrust stabilizing hydraulic mechanism. 3,213,906, 10–26–65, Cl. 143—19.
McManimie, Robert J., E. H. Mottus, and H. G. Hurst, to Monsanto Co. Polymerization process with Ziegler catalysts. 3,205,216, 9–7–65, Cl. 260—94.9.
McMaster, Harold A. Glass actuated control for the conveyor mechanism of a glass bending furnace. 3,224,856, 12–21–65, Cl. 65—163.
McMaster, Samuel B., and R. K. Carlson, to G-M Laboratories Inc. Plastic beater for food and drink mixers. 3,215,410, 11–2–65, Cl. 259—131.
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McMeekin, James H., to Brockway Glass Co., Inc. Differential transformer apparatus for inspecting glass container finishes. 3,196,550, 7–27–65, Cl. 33—174.
McMeen, George H. Apparatus for teaching division by fractions. 3,204,344, 9–7–65, Cl. 35—31.
McMichael, John D., to General Motors Corp. Replaceable filter cartridge for a dry cleaner. 3,189,179, 6–15–65, Cl. 210—238.
McMillan, Freeman H., and F. C. Ninger, to Warner-Lambert Pharmaceutical Co. Purification and stabilization of quingestrone. 3,179,675, 4–20–65, Cl. 260—397.4.
McMillan, Freeman H., and I. Pattison. Process for the production of 1-cycloalkyl derivatives of 1,4-benzodiazepine. 3,192,199, 6–29–65, Cl. 260—239.3.
McMillan, Freeman H., and I. Pattison, to Warner-Lambert Pharmaceutical Co. 2-cycloalkylcarbonylamido-5-halobenzophenones. 3,221,050, 11–30–65, Cl. 260—557.
McMillan, George T. Coupler means. 3,179,473, 4–20–65, Cl. 303—1.
McMillan, Peter W., and G. Partridge, to The English Electric Co. Ltd. Ceramics and their production. 3,170,805, 2–23–65, Cl. 106—39.
McMillan, Peter W., B. P. Hodgson, and G. Partridge, to The English Electric Co. Ltd. Process of bonding glass or ceramic to metal. 3,220,815, 11–30–65, Cl. 65—32.
McMillan, Stephen L., to General Electric Co. Lid switch and lid latch mechanism for clothes washing machines. 3,205,031, 9–7–65, Cl. 312—223.
McMillen, James W., Jr., and S .R. Bithell, Sr., to Westinghouse Electric Corp. Disconnecting structure for enclosed electrical apparatus. 3,213,221, 10–19–65, Cl. 200—50.
McMillen, William H.: *See*—
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McMiller, Urban C., to Karpak Co. Car top carrier. 3,179,316, 4–20–65, Cl. 224—42.1.
McMillian, Lonnie S., Jr., to Radiation, Inc. A/D converter. 3,188,624, 6–8–65, Cl. 340—347.
McMillian, Lonnie S., Jr., and J. H. Searcy, to Radiation, Inc. Low-level time division multiplex system. 3,188,394, 6–8–65, Cl. 179—15.
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McMillin, David C., to Olympia Oyster Co. Shellfish gathering machine. 3,184,866, 5–25–65, Cl. 37—55.
McMinn, Robert E., to Black, Sivalls & Bryson, Inc. Method and apparatus for fluid separation. 3,212,232, 10–19–65, Cl. 55—19.
McMinn, Robert E., to Black, Sivalls & Bryson, Inc. Separation method and apparatus. 3,212,234, 10–19–65, Cl. 55—38.
McMullen, Edward L., ½ to Contractors Supply Co. Drill carrier. 3,175,626, 3–30–65, Cl. 173—22.
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Knight, George R., Jr. 3,217,904.
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McMullen, Louis J. Fastener. 3,175,266, 3–30–65, Cl. 24—181.
McMullen, Thomas B., to General Electric Co. Fluorescent lamp operating circuit. 3,211,952, 10–12–65, Cl. 315—99.
McMullen, Wayne W. Hydraulic power system for reciprocal movement. 3,173,256, 3–16–65, Cl. 60—51.
McMullen, Wayne W. Combination pallet and lifting device. 3,217,911, 11–16–65, Cl. 214—512.
McMullen, Wayne W., and L. S. Goulden. Hydraulic torque cylinder. 3,198,539, 8–3–65, Cl. 280—43.17.
McMullin, Earl L. Line cover. 3,200,187, 8–10–65, Cl. 174—5.
McMullin, William A., to Penn Meter Co. Method of making primary metering elements with reinforced synthetic plastic. 3,188,255, 6–8–65, Cl. 156—189.
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Creighton, William M., Evans, and McMurdy. 3,213,525.
McMurray, Arthur W., to Borland Industrial Corp. Fastener tape. 3,200,462, 8–17–65, Cl. 24—205.16.
McMurray, Everett D., ½ to K. I. Brunn. Apparatus for gas lift production of liquid from wells. 3,175,514, 3–30–65, Cl. 103—232.
McMurray, Frederick R., to M. B. Skinner Co., a division of Textron Oregon, Inc. Bell joint pipe clamp with rockable drawbolts. 3,175,851, 3–30–65, Cl. 285—337.
McMurray, George F.: *See*—
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McMurray, John C.: *See*—
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McMurray, Paul H. Livestock barn. 3,191,577, 6–29–65, Cl. 119—16.
McMurray, William, to General Electric Co. Master slave push pull amplifier utilizing two silicon control rectifiers. 3,176,150, 3–30–65, Cl. 307—88.5.
McMurray, William, to General Electric Co. Frequency responsive power amplifier. 3,189,748, 6–15–65, Cl. 307—41.
McMurray, William, to General Electric Co. Inverter circuits. 3,207,974, 9–21–65, Cl. 321—45.

McMurtrie, Baskerville. Panty girdle. 3,207,162, 9–21–65, Cl. 128—528.
McMurtrie, Dallas W. Lathe dog. 3,213,724, 10–26–65, Cl. 82—41.
McMurtry, Grayce E., and J. J. Marvinny. Stabilized vitamin composition and method of making same. 3,186,909, 6–1–65, Cl. 167—81.
McNae, Gordon S. Method of applying a bonded skin or covering to a surface to render it water-tight. 3,194,707, 7–13–65, Cl. 156—247.
McNair, Eric P. Ice creeper. 3,214,850, 11–2–65, Cl. 36—62.
McNair, John W.: *See*—
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McNair, Robert J., to Avco Corp. Command communication system of the rectangular wave type. 3,226,643, 12–28–65, Cl. 325—40.
McNair, Robert J., Jr., to Avco Corp. Time situation display device for arriving and departing aircraft. 3,174,272, 3–23–65, Cl. 58—149.
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McNamara, Allen G., to National Research Council. Shielded reed switch. 3,201,540, 8–17–65, Cl. 200—87.
McNamara, James E., to United States Steel Corp. Apparatus for measuring thickness variation across the width of a moving strip. 3,179,800, 4–20–65, Cl. 250—52.
McNamara, James K. Electric plug with ground indicating light. 3,171,113, 2–23–65, Cl. 340—255.
McNamara, John E.: *See*—
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McNamee, Bernard F., to Dressen-Barnes Electronics Corp. Voltage building transformer. 3,182,248, 5–4–65, Cl. 323—47.
McNaney, Joseph T., to General Dynamics Corp. Electrostatic printing system utilizing illuminated photoconducting material. 3,164,837, 1–5–65, Cl. 346—74.
McNaney, Joseph T., to General Dynamics Corp. Display screen for presenting a background light pattern in combination with other visual data. 3,171,965, 3–2–65, Cl. 250—227.
McNaney, Joseph T. Crossed-grid electroluminescent phosphor illumination control element. 3,182,199, 5–4–65, Cl. 250—213.
McNaney, Joseph T. Light input crossed-grid matrix control circuitry. 3,182,200, 5–4–65, Cl. 250—227.
McNaney, Joseph T., to General Dynamics Corp. Data storage system with light beam write/readout. 3,182,223, 5–4–65, Cl. 315—10.
McNaney, Joseph T. Light responsive decimal to binary data converter switch means. 3,191,049, 6–22–65, Cl. 250—227.
McNaney, Joseph T. Binary to decimal converter. 3,191,167, 6–22–65, Cl. 340—347.
McNaney, Joseph T., to General Dynamics Corp. Horizontal color stripe tube with interlacing scan and beam velocity modulation. 3,210,585, 10–5–65, Cl. 313—92.
McNaney, Joseph T. Electrostatic reproduction apparatus with photoconductive means to control the applied voltage at the copy sheet surface. 3,215,833, 11–2–65, Cl. 250—49.5.
McNaney, Joseph T. Image amplifying apparatus. 3,215,846, 11–2–65, Cl. 250—213.
McNaney, Joseph T. Infrared responsive recorder with layered material. 3,222,519, 12–7–65 Cl. 250—65.
McNaney, Joseph T. Infrared radiation image converter. 3,222,520, 12–7–65, Cl. 250—83.3.
McNaught, John P., to Lever Brothers Co. Low-calorie sweetening agent. 3,170,801, 2–23–65, Cl. 99—141.
McNay, Albert, and E. S. Badura, to General Motors Corp. Door hinge, check and hold-open assembly. 3,195,173, 7–20–65, Cl. 16—138.
McNay, Albert, and E. S. Badura, to General Motors Corp. Automotive door hinge assembly with adjustable door check and hold-open detenting means. 3,213,485, 10–26–65, Cl. 16—144.
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McNay, Ralph E., and W. R. Peterson, to Ashland Oil & Refining Co. Method of sizing cellulose fibers with resinous material from the plant Grindelia and product thereof. 3,186,901, 6–1–65, Cl. 162—180.
McNeal, Daniel R., to Andale Co. Double basket strainer. 3,179,253, 4–20–65, Cl. 210—315.
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Kavan, Francis A., McNeal, and Jones. 3,220,740.
McNeely, Max L.: *See*—
Conant, Robert L., and McNeely. 3,166,611.
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McNeil Corp.: *See*—
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McNeil, Dalph C. Flash separator. 3,200,568, 8–17–65, Cl. 55—191.
McNeil, Gordon I. Method for making composite sections for use as crawler tracks and the like. 3,223,765, 12–14–65, Cl. 264—229.
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McNeil Machine & Engineering Co., The: *See*—
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Soderquist, Leslie E. 3,171,162.
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Smith, Frank B., Jr., and McNeil. 3,206,067.
McNeill, Francis A. Fruit feeding mechanism. 3,224,552, 12–21–65, Cl. 198—33.
McNeill, Roy L.: *See*—
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McNeill, William, and T. J. Mackus, to United States of America, Army. Apparatus for electrophoretic deposition of lamellar fluorphlogopite mica sheets. 3,211,639, 10–12–65, Cl. 204—299.
McNelis, Donald E. Letter-envelope. 3,217,972, 11–16–65, Cl. 229—92.1.
McNelis, Edward J., to Sun Oil Co. Preparation of phenyl O-halobenzoates and conversion thereof to phenol. 3,171,854, 3–2–65, Cl. 260—476.
McNelis, Edward J., to Sun Oil Co. Preparation of dihaloxanthones. 3,178,450, 4–13–65, Cl. 260—335.
McNelis, Edward J., to Sun Oil Co. Preparation of naphthalene-2,6-dicarboxylic acid. 3,219,691, 11–23–65, Cl. 260—515.
McNelis, Edward J., to Sun Oil Co. Preparation of aromatic phenols. 3,220,979, 11–30–65, Cl. 260—47.
McNelis, Edward J., and W. R. Cherry, to Sun Oil Co. Preparation of naphthalene-2,6-dicarboxylic acid. 3,209,024, 9–28–65, Cl. 260—515.
McNelley, Henry W., Sr., and J. E. Campion, to American Associated Companies. Mop head assembly. 3,216,039, 11–9–65, Cl. 15—229.
McNelly, George W., to Inland Steel Co. Molten metal level indicator. 3,184,970, 5–25–65, Cl. 73—304.
McNelly, George W., to Inland Steel Co. Process for producing multi-layer metallic material. 3,224,088, 12–21–65, Cl. 29—529.
McNemar, Walter L., to F. D. Kees Mfg. Co. Flush top recessed hinge. 3,197,805, 8–3–65, Cl. 16—128.
McNenny, Harold F. Fluid spring and shock absorber. 3,226,103, 12–28–65, Cl. 267—64.
McNicol, John H., and R. H. Rowell, to The Broken Hill Associated Smelters Proprietary Ltd. Apparatus for cooling molten metals. 3,182,716, 5–11–65, Cl. 165—12.
McNiel, Nixon. Hollow reinforced concrete building panel. 3,218,774, 11–23–65, Cl. 52—602.
McNinch, Delmar D., to Lawrence Bros., Inc. Truck assembly for sliding doors. 3,193,870, 7–13–65, Cl. 16—97.
McNinch, Joseph H., Jr., and R. J. Della Flora, to The De Vilbiss Co. Airless spray gun with variable output. 3,198,439, 8–3–65, Cl. 239—332.
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McNulty, Edward R., and E. A. Menard, to International Business Machines Corp. Regulated power supply. 3,195,036, 7–13–65, Cl. 321—16.
McNulty, Frank E., and R. M. Nee, to Nee McNulty, Inc. Method of applying protective wrappings to pipe. 3,190,780, 6–22–65, Cl. 156—162.
McNulty, John G., and W. L. Walsh, to Gulf Research & Development Co. Process for purifying a liquid olefinic hydrocarbon of its ether impurity. 3,225,113, 12–21–65, Cl. 260—677.
McNulty, John V., L. I. Knudson, and E. L. Mooney, to General Laboratory Associates, Inc. Method of making a semiconductor gap for an initiator. 3,196,041, 7–20–65, Cl. 117—201.
McNulty, Joseph D.: *See*—
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McOrlly, Joseph, to Edwin L. Wiegand Co. Electric heater assemblies. 3,171,947, 3–2–65, Cl. 219—404.
McOrlly, Joseph, to Edwin L. Wiegand Co. Electric heater assembly. 3,171,949, 3–2–65, Cl. 219—467.
McParland, Francis H.: *See*—
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McPartland, James O., L. A. Pember, and J. A. Christensen, to United States of America, Atomic Energy Commission. Thermoelectric nuclear fuel element. 3,198,711, 8–3–65, Cl. 176—68.
McPhail, Robert G., deceased, by Park National Bank, executor, to Holophane Co., Inc. Street lighting refractor. 3,189,739, 6–15–65, Cl. 240—25.
McPhail, Shelvey C. Storm door assembly. 3,177,924, 4–13–65, Cl. 160—91.
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McPherson, Elywn M. 3,170,598.
McPherson Instrument Corp.: *See*—
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McPherson, Norman S., M. L. Clachan, K. R. Tatchell, and T. A. Abbott, to Bexford Ltd. Polymer comprising alternating polyurethane and polycarbonate groups and process for making the same. 3,187,065, 6–1–65, Cl. 260—857.
McPherson, Paul M., to McPherson Instrument Corp. Ultraviolet monochromator. 3,211,049, 10–12–65, Cl. 88—14.

McPherson, Richard E.: *See*—
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Madison, Elmo H., and McPherson. 3,186,899.
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McQuade, James M., to General Electric Co. Magnetic core for electrical induction apparatus with reduced magnetic losses. 3,169,236, 2–9–65, Cl. 336—218.
McQuade, James M., to General Electric Co. Galvanic process for coating iron alloys with magnesium hydroxide. 3,208,922, 9–28–65, Cl. 204—56.
McQuaid, Harry W., and W. L. Ulmer. Method and apparatus for cladding metal tubes. 3,203,824, 8–31–65, Cl. 117—51.
McQuarrie, Alexander M., to General Electric Co. Light load compensation device for polyphase network meter including an inductor with a saturable flux path. 3,212,006, 10–12–65, Cl. 324—138.
McQuay-Norris Mfg. Co.: *See*—
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Mudd, Harry A. 3,171,470.
Mudd, Harry A. 3,191,660.
McQueen, William A., to Inland Tool & Mfg., Inc. Power transmission control. 3,213,705, 10–26–65, Cl. 74—476.
McQuerry, John L., 45% to W. W. Lowrey. Fuel heater and separator. 3,209,816, 10–5–65, Cl. 165—71.
McQuillen, Edward J., to United States of America, Navy. Mechanical rotary acceleration sensor. 3,183,724, 5–18–65, Cl. 73—514.
McQuillen, Edward J., to United States of America, Navy. One-way reel with viscous drag. 3,211,396, 10–12–65, Cl. 242—156.2.
McQuillin, Charles R., and R. D. McDannold. Fish hook dispenser. 3,206,068, 9–14–65, Cl. 221—307.
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McQuown, Francis G., to American Foundry & Furnace Co. Louver type damper. 3,176,715, 4–6–65, Cl. 137—601.
McRae, Daniel D., to Radiation, Inc. System for extracting word and bit synchronization signals from PCM wave form. 3,200,198, 8–10–65, Cl. 178—69.5.
McRae, Robert A., to Burroughs Corp. Method of coating a porous web with ink. 3,175,925, 3–30–65, Cl. 117—111.
McRae, Robert C. Selective inertia lumber marker. 3,168,863, 2–9–65, Cl. 101—43.
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McRitchie, Frank H., to The Refractories Institute. Pressure measuring device. 3,178,935, 4–20–65, Cl. 73—94.
McRobert, Leon R., to FMC Corp. Root crop harvester conveyor. 3,176,831, 4–6–65, Cl. 198—195.
McRobert, Leon R., to FMC Corp. Roller-type separating means for potato harvester. 3,225,771, 12–28–65, Cl. 130—30.
McRoberts, Grace D.: *See*—
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McRoberts, William C., deceased, by G. D. McRoberts, administratrix, to Pittsburgh Plate Glass Co. Glass bending molds. 3,211,542, 20–12–65, Cl. 65—290.
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Meier, Rudolph H., to Her Majesty the Queen in the right of Canada as represented by the Postmaster General. Stacking mechanism. 3,175,823, 3–30–65, Cl. 271—2.
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Meijer, Barend M., to North American Philip Co., Inc. Self-starting single-phase motor without a commutator. 3,191,-083, 6–22–65, Cl. 310—172.
Meijer, Roelf J., to North American Philips Co., Inc. Hot-gas reciprocating apparatus. 3,166,911, 1–26–65, Cl. 62—6.
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Meissner, Milton, to Barogenics, Inc. Hydrostatic pressure device. 3,224,042, 12–21–65, Cl. 18—16.
Meissner, William E., to FMC Corp. Method of making lined receptacles. 3,169,086, 2–9–65, Cl. 156—287.
Meissner, William E., and G. Lane; said Meissner assor. to FMC Corp. Apparatus for adhesively bonding surfaces. 3,191,360, 6–29–65, Cl. 53—383.
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Melbye, David H. Furniture. 3,164,848, 1–12–65, Cl. 5—8.
Melbye, David H., and R. K. Turney; said Turney assor. to said Melbye. Elevating mechanisms. 3,213,574, 10–26–65, Cl. 52—121.
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Melcher, Norwood B., and W. M. Mahan, to United States of America, Interior. Sealing system for blast furnace bells for high pressure top operation. 3,221,906, 12–7–65, Cl. 214—36.
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Melenric, John A. Combustion chamber for gas turbine engines. 3,166,904, 1–26–65, Cl. 60—39.69.
Melenric, John A. Turbo supercharged valveless pulse jet engine. 3,188,804, 6–15–65, Cl. 60—35.6.
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Melford, David A., and K. R. Whittington, to T. I. (Group Services) Ltd. Electron probe apparatus for counting the number of inclusions in a specimen. 3,193,679, 7–6–65, Cl. 250—49.5.
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Melin, Thomas N. Mechanical off-bear and slab-handling apparatus. 3,205,924, 9–14–65, Cl. 143—157.
Meline, Harry R., and N. R. Petersen, to United States of America, Air Force. Cable storage and retriever unit. 3,202,372, 8–24–65, Cl. 242—54.
Melink, George E., to Sperry Rand Corp. Laminated circuit structure and method of preparing same. 3,186,898, 6–1–65, Cl. 161—214.

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Mellen, Edward J., Jr., R. J. de Fasselle, and J. M. Webb; said De Fasselle and said Webb assors. to said Mellen. High speed drying apparatus for refractory shell molds. 3,191,-250, 6–29–65, Cl. 22—87.
Mellen, Edward J., Jr., J. M. Webb, R. J. de Fasselle, and J. A. Dudek. Injection molding of ceramic cores. 3,222,-435, 12–7–65, Cl. 264—28.
Mellen, William F. Two-way plow. 3,168,149, 2–2–65, Cl. 172—226.
Mellen, William F. Trailing implement with swing joint. 3,181,890, 5–4–65, Cl. 280—447.
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Mellinger, Arthur G. 3,213,759.
Mellinger, John C., to The Maytag Co. Programming control device. 3,215,867, 11–2–65, Cl. 307—141.
Mellinger, John C., to The Maytag Co. Moisture sensor control device for a laundry drier. 3,221,417, 12–7–65, Cl. 34—45.
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Mellott, Robert N., to The Bunker-Ramo Corp. Delay flip-flop circuit. 3,170,075, 2–16–65, Cl. 307—88.5.
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Melngailis, Ivars, A. R. Calawa, and R. H. Rediker, to Massachusetts Institute of Technology. Magneto-semiconductor devices. 3,167,663, 1–26–65, Cl. 307—88.5.
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Baum, Jerome N., and Dennison. 3,187,745.
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Melton, Carl M. Adjustable and portable flashlight. 3,225,-982, 12–28–65, Cl. 224—5.
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Melton, James O., and I. M. Carpenter, to The Geolograph Co. Operations recorder. 3,216,019, 11–2–65, Cl. 346—30.
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Melton, Thomas M., to Socony Mobil Oil Co., Inc. Tributyl 2,4-dichlorobenzyl ammonium chloride. 3,218 356, 11–16–65, Cl. 260—567.6.
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Meltzer, Jack. Conductive shoe and method of repairing it, and repair kit therefor. 3,196,314, 7–20–65, Cl. 317—2.
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Brown, Richard E., and Meltzer. 3,222,368.
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Melvin, Charles A., R. Godbarsen, and W. G. Waggoner, to General Electric Co. Illuminated push-button system. 3 213,269, 10–19–65, Cl. 240—1.
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Melvin, John R., to The Brush Beryllium Co. Trepanning tool for trepanning tapered metal shapes. 3,184,827, 5–25–65, Cl. 29—95.
Melvin, Morton A. Oil-fired portable angle cremator. 3,177,-827, 4–13–65, Cl. 110—8.
Melvin, Richard H. Material handling apparatus. 3,209,922, 10–5–65, Cl. 214—1.
Melzer, Franklin. Load sensing and indicating means. 3,216,-303, 11–9–65, Cl. 85—62.
Melzer, Rudolf K., to Sperry Rand Corp. Testing method. 3,194,052, 7–13–65, Cl. 73—12.
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Membrino, Hercules. Bag holding and dispensing means. 3,190,490, 6–22–65, Cl. 221—26.
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Merian, Ernest: *See*—
Carbonell, Jose, Merian, and Neier. 3,203,750.
Lerch, Urs, Merian, and Senn. 3,207,568.
Merian, Ernest. Water-insoluble monoazo dyestuffs. 3,178,405, 4–13–65, Cl. 260—207.
Merian, Ernest, B. J. R. Nicolaus, O. Senn, and W. Wehrli, to Sandoz Ltd. Monoazo dyestuffs containing an aminosulfonyl dialkylamino radical. 3,169,126, 2–9–65, Cl. 260—206.
Merian, Ernest, B. J. R. Nicolaus, O. Senn, and W. Wehrli, to Sandoz Ltd. Monoazo dyestuffs of low water-solubility. 3,206,453, 9–14–65, Cl. 260—163.
Merian, Ernest, B. J. R. Nicolaus, O. Senn, and W. Wehrli, to Sandoz Ltd. (also known as Sandoz A.G.). Monoazo dyestuffs containing an aminosulfonyldialkylamino radical. 3,206,454, 9–14–65, Cl. 260—205.
Meriano, Albert P., to Aerojet-General Corp. Seal utilizing mechanical and fluid pressure loading. 3,204,971, 9–7–65, Cl. 277—171.
Meriaux, Michel, and M. L. Combier, to Mines Domaniales de Potasse d'Alsace. Support units especially for mine roof. 3,184,206, 5–18–65, Cl. 248—357.
Merillat, Orville D. Cabinet having reversible doors and panels and hardware therefor. 3,186,027, 6–1–65, Cl. 16—170.
Merington, Richard N.: *See*—
Hooker, Billy C., and Merington. 3,206,673.
Merington, Richard N., to Ling-Temco-Vought, Inc. Amplifier stabilization. 3,183,450, 5–11–65, Cl. 330—9.
Merington, Richard N., to Ling-Temco-Vought, Inc. Amplifier including reference level drift compensation feedback means. 3,187,267, 6–1–65, Cl. 330—110.
Meripol, Robert B., to Liberty Mfg. Co. of Texas. Sucker rod coupling. 3,201,158, 8–17–65, Cl. 287—117.
Merit Products, Inc.: *See*—
Block, Aleck. 3,188,777.
Block, Aleck. 3,220,810.
Gillett, William G. 3,212,219.
Merithew, Lester W., and H. O. Corbett, to National Distillers and Chemical Corp. Machine for cutting and sealing a web of thermoplastic material. 3,185,609, 5–25–65, Cl. 156—530.
Merkel, Adolf. Shoe cleaning device in the form of an endless belt. 3,203,020, 8–31–65, Cl. 15—36.
Merkel, Hans. Dispensing device for granular or pulverulent materials. 3,185,357, 5–25–65, Cl. 222—425.
Merkel, Hans, to Siemens-Schuckertwerke Aktiengesellschaft. Method for producing hyperpure gallium. 3,192,139, 6–29–65, Cl. 204—64.
Merkel, Hans, and S. Leibenzeder, to Siemens-Schuckertwere Aktiengesellschaft. Method for producing extremely planar semiconductor surfaces. 3,200,001, 8–10–65, Cl. 117—4.
Merkel, Henry M., Jr. Hygienic spray device for toilets. 3,195,148, 7–20–65, Cl. 4—7.
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Kammiller, Neil A., and Merkel. 3,200,348.
Merker, Dwight R., and K. F. Mattil, to Swift & Co. Selective hydrogenation of malvalic and sterculic acids in cottonseed oil. 3,201,431, 8–17–65, Cl. 260—409.
Merker, Herbert, to Kabelschlepp G.m.b.H. Cable holder for cable carriages. 3,219,317, 11–23–65, Cl. 254—190.
Merker, Herbert, and K. Loos, to Kabelschlepp G.m.b.H. Link chain for guiding electric cables and the like. 3,197,954, 8–3–65, Cl. 59—78.1.
Merker, Robert L., to Dow Corning Corp. Silarylenesiloxane block copolymers. 3,202,634, 8–24–65, Cl. 260—46.5.
Merker, Robert L., to Dow Corning Corp. Silarylenesilanes, cyclotrisiloxanes, and the preparation of silanols. 3,209,018, 9–28–65, Cl. 260—448.2.
Merker, William T., to American Optical Co. Device for applying a thin coating on an article. 3,190,260, 6–22–65, Cl. 118—3.
Merl, Carl: *See*—
Hirsch, Mahlon E., and Merl. 3,212,488.
Merl, Carl, to Louis Marx & Co., Inc. Toy convertible power shop. 3,164,177, 1–5–65, Cl. 144—1.
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Lamb, Charles P. Re. 25,760.
Lamb, Charles P., and Dudley. 3,183,922.
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Walton, Robert O. 3,218,985.
Merlen, Monty M., to Barner Engineering Co. Reticle and mask combinations for elimination of chopping of background radiation. 3,169,164, 2–9–65, Cl. 88—61.
Merlen, Monty M., to Barnes Engineering Co. Repetitive pulse duty cycle readout device particularly for radiation dimensional gages. 3,179,820, 4–20–65, Cl. 307—112.
Merles, Irving B.: *See*—
Ho, Er-chun, Fakkeldij, and Merles. 3,170,121.
Vitt, George G., Jr., and Merles. 3,191,090.
Merli, Camillo: *See*—
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Amalric, Jean. 3,185,802.
Benoit, Jean. 3,220,005.
Bonnard, Roger, and Orion. 3,189,714.
Latour, Andre. 3,184,573.
Latour, Andre. 3,196,240.
Merlo, Angelo L., and R. T. Seeger, to The Bendix Corp. Vehicle radar system. 3,176,294. 3–30–65, Cl. 343—7.
Mermelstein, Seymour, to General Precision, Inc. Band actuator for ball-disc integrator. 3,204,477, 9–7–65, Cl. 74—198.
Mermelstein, Seymour, N. Berman, and H. Hirschberg, to JFD Electronics Corp. Temperature compensating trimmer capacitor. 3,191,107, 6–22–65, Cl. 317—248.
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King, Paul D., Barton, and Merner. 3,222,649.
Mero, John L. Process for separation of nickel from cobalt in ocean floor manganiferous ore deposits. 3,169,856, 2–16–65, Cl. 75—119.
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Merrall, Granville T., and D. Caiger, to Shell Oil Co. Article of polyalkylene oxide, cellulose and talc. 3,192,173, 6–29–65, Cl. 260—9.
Merrath, Josef: *See*—
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Merrell, Norman E.: *See*—
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Merriam, Robert E. Direct reading in circuit capacity measuring device having a variable frequency oscillator, the frequency selecting means of which are gauged to a set of range selecting impedances. 3,218,550, 11–16–65, Cl. 324—60.

Merriam, William A.: *See*—
Juchnicki, Francis W., and Merriam. 3,186,798.

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Merrick, Richard H.: *See*—
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Wojcik, Matthew H. 3,184,641.

Merrick, Wallace N. Air-flo unloader. 3,226,164, 12–28–65, Cl. 302—14.

Merrill, Bernice C.: *See*—
Damon, Roger H., Jr., and Merrill. 3,180,573.

Merrill, Edward W.: *See*—
Hundt, Donald D., and Merrill. 3,220,907.

Merrill, Edward W., to W. R. Grace & Co. Method and apparatus for lining container closures. 3,216,850, 11–9–65, Cl. 117—97.

Merrill, John A.: *See*—
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Merrill, John B., to Thornhill-Craver Co. Flowing control apparatus. 3,217,742, 11–16–65, Cl. 137—509.

Merrill, Justin C.: *See*—
Damon, Roger H., Jr., and Merrill. 3,180,573.

Merrill, Leland H., and C. F. Bross, said Bross assor. to said Merrill. Pill-counting and container-depositing machine. 3,193,196, 7–6–65, Cl. 235—98.

Merrill, Marcellus S.: *See*—
Erickson, Lowell H. 3,202,847.

Merrill, Marcellus S., and L. H. Erickson; said Erickson assignor to said Merrill. Balancing apparatus. 3,164,994, 1–12–65, Cl. 73—457.

Merrill, Marcellus S., and L. H. Erickson; said Erickson assor. to said Merrill. Dynamic wheel alignment testing apparatus. 3,187,440, 6–8–65, Cl. 33—203.13.

Merrill, Max H. Fishing device. 3,171,227, 3–2–65, Cl. 43—20.

Merrill, Phillip E. Thermal switch having temperature sensitive pellet and sliding disc contact. 3,180,958, 4–27–65, Cl. 200—142.

Merrill, Reynold C.: *See*—
Yale, Harry L., and Merrill. 3,194,733.

Merrill, Richard E., to Arthur D. Little, Inc. Modifier proteinaceous materials and method for making them. 3,207,-613, 9–21–65, Cl. 106—135.

Merrill, Stewart H., to Eastman Kodak Co. Diaryl peroxides of reaction hypochlorites on corresponding hydroperoxides. 3,165,546, 1–12–65, Cl. 260—502.

Merrill, Wallace D., and J. A. Haslett. Renewable pack fluid filter. 3,186,148, 6–1–65, Cl. 55—387.

Merrills Brothers: *See*—
Gardner, Edward M. 3,189,377.

Merriman, Henry H. Threaded bushing insert. 3,204,284, 9–7–65, Cl. 16—2.

Merriman, Henry H. Quick acting pressure unit. 3,219,336, 11–23–65, Cl. 269—187.

Merriman, Peter, to Dunlop Rubber Co. Ltd. Method for the production of polyurethane foamed material. 3,184,-419, 5–18–65, Cl. 260—2.5.

Merritt, Clarence E.: *See*—
Ordorica, Miguel A., and Merritt. 3,223,797.

Merritt, Everett L., to Raytheon Co. Zenith camera. 3,164,-073, 1–5–65, Cl. 95—1.1.

Merritt, Henry B., R. C. Geitz, and W. J. Nellen, to American Machine & Foundry Co. Drum drying process. 3,213,858, 10–26–65, Cl. 131—140.

Merritt, Herbert E.: *See*—
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Merritt, Howard V., and R. H. Bolster, to Clark Equipment Co. Clutch cooling means. 3,202,253, 8–24–65, Cl. 192—113.

Merritt, Marvin D.: *See*—
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Merry, Jack D., to Carrier Corp. Thermoelectric panels. 3,208,877, 9–28–65, Cl. 136—4.

Merryfield, George E., and J. G. Allen, to Phillips Petroleum Co. Up-grading a hydrocarbon stream to produce high purity cyclohexane and benzene. 3,169,151, 2–9–65, Cl. 260—667.

Merrymaid Plastics Corp.: *See*—
Marcus, William. 3,200,954.

Merryman, Jerry D.: *See*—
Cox, James R., and Merryman. 3,210,672.

Mersereau, Everard C., to Ellcon-National, Inc. Hand brake mechanism. 3,173,305, 3–16–65, Cl. 74—505.

Mersereau, Everard C., to Ellcon-National, Inc. Hand brake mechanism. 3,176,539, 4–6–65, Cl. 74—505.

Merson, Harold, to RMS Electronics, Inc. Drip type coffee maker. 3,166,003, 1–19–65, Cl. 99—306.

Merten, Rudolf, to Farbenfabriken Bayer Aktiengesellschaft. 1,2,3,6-tetrahydropyridines. 3,225,051, 12–21–65, Cl. 260—290.

Merten, Rudolf, and G. Loew, to Farbenfabriken Bayer Aktiengesellschaft. Polyurethane production catalyzed by an organo-tin compound, which compound contains tertiary nitrogen. 3,164,557, 1–5–65, Cl. 260—2.5.

Merten, Rudolf, E. Müller, and G. Braun, to Farbenfabriken Bayer Aktiengesellschaft. Polyurethane plastics. 3,202,-620, 8–24–65, Cl. 260—2.5.

Merten, Rudolf, G. Muller, and E. Windemuth, to Farbenfabriken Bayer Aktiengesellschaft. Preparation of cellular polyurethane plastics. 3,207,709, 9–21–65, Cl. 260—2.5.

Merten, Rudolf, P.-E. Frohberger, and F. Steinfatt, to Farbenfabriken Bayer Aktiengesellschaft. Method of combating fungus and bacterial infection. 3,210,245, 10–5–65, Cl. 167—30.

Mertens, John P., to United States of America, Navy. Thrust reversal system. 3,216,357, 11–9–65, Cl. 102—49.

Mertes, Paul M. Push release latch. 3,189,374, 6–15–65, Cl. 292—80.

Mertins, Georg: *See*—
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Mertler, Charles S., to Stevens Mfg. Co., Inc. Thermostatic control switch having wiping contact action. 3,177,316, 4–6–65, Cl. 200—113.

Mertler, Charles S., to Stevens Mfg. Co., Inc. Thermostat and tip-over switch. 3,201,548, 8–17–65, Cl. 200—138.

Mertler, Charles S., to Stevens Mfg. Co., Inc. Double break contact thermostat. 3,207,876, 9–21–65, Cl. 200—138.

Mertler, Charles S., to Stevens Mfg. Co., Inc. Snap-acting thermostat with adjustment and thermally responsive means in series. 3,218,417, 11–16–65, Cl. 200—138.

Mertler, Charles S., to Stevens Mfg. Co., Inc. Thermostat with rocking push link. 3,221,124, 11–30–65, Cl. 200—138.

Mertler, Charles S., to Stevens Mfg. Co., Inc. Low friction snap-acting thermostat. 3,226,511, 12–28–65, Cl. 200—138.

Mertronics Corp.: *See*—
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Mertz, Arthur C., and A. A. Cramer, Jr. Opaque game board with spaced light transmitting zones. 3,179,414, 4–20–65, Cl. 273—130.

Mertz, Harold R.: *See*—
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Mertzweiller, Joseph K., and R. N. Watts, deceased (by B. S. Watts, legal representative), to Esso Research and Engineering Co. Oxo process for producing alcohols from olefins. 3,182,090, 5–4–65, Cl. 260—638.

Mervyn, Leonard: *See*—
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Merwin, Frederick H., to The Milford Rivet & Machine Co. Workpiece head working machine. 3,187,908, 6–8–65, Cl. 214—1.

Merz-Chambers Corp.: *See*—
Kuffler, Roland I. 3,204,340.

Merz, Gerhard, to International Standard Electric Corp. Magnetic-core storage matrix. 3,181,127, 4–27–65, Cl. 340—174.

Merz, Gerhard, to International Standard Electric Corp. Magnetic core matrix storage systems. 3,201,768, 8–17–65, Cl. 340—174.

Merz, Gerhard, to International Standard Electric Corp. Counting circuit. 3,217,143, 11–9–65, Cl. 235—92.

Merz, Gerhard, to International Standard Electric Corp. Time-division multiplex control method for electronic switching systems in telecommunication, particularly telephone installations. 3,221,102, 11–30–65, Cl. 179—15.

Merz, Kenneth A., to The Torrington Mfg. Co. Method of making integral fan and slinger ring. 3,189,982, 6–22–65, Cl. 29—156.8.

Merz, Max, to Borg-Warner Corp. Chain saw bar. 3,191,-646, 6–29–65, Cl. 143—32.

Merz, Max, to Borg-Warner Corp. Chain saw chain. 3,200,-861, 8–17–65, Cl. 143—135.

Merz, Rudolf, to Crosman Arms Co., Inc. Machine for filling and capping cartridges. 3,212,228, 10–19–65, Cl. 53—88.

Merz, Rudolf, to Crosman Arms Co., Inc. Gas-powered revolver. 3,212,489, 10–19–65, Cl. 124—11.

Merz, Rudolf, to Crosman Arms Co., Inc. Air gun. 3,212,-490, 10–19–65, Cl. 124—15.

Merz, Samuel S.: *See*—
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Merzoni, Sergio: *See*—
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Mes, Pieter A., to Shell Oil Co. Contacting process using a preferentially wetted fibrous bed. 3,207,691, 9–21–65, Cl. 208—288.

Mescher, Harold E., and R. L. Allgeier, to Pacific Scientific Co. Vacuum furnace. 3,185,460, 5–25–65, Cl. 263—40.

Mescher, Marvin C., to P-D-M Enterprises, Inc. Evaporative cooler for trucks. 3,180,244, 4–27–65, Cl. 98—2.

Meschi, Joseph E., to Automatic Electric Laboratories, Inc. Delta modulation system. 3,173,092, 3–9–65, Cl. 325—38.

Meschino, Joseph A., to McNeil Laboratories, Inc. Alpha substituted phenyl aceto nitriles and hydrocinnamonitriles and the corresponding carbamates thereof. 3,185,707, 5–25–65, Cl. 260—340.5.

Mesecke, Curtis M., to Texas Instruments Inc. Method for forming pn junctions in indium antimonide with special application to infrared detection. 3,217,379, 11–16–65, Cl. 29—25.3.

Mesh, Theodore J., and G. D. Robinson, Jr., to Gilbert & Barker Mfg. Co. Remote counter and control therefor particularly adapted for liquid dispensing units. 3,220,606, 11–30–65, Cl. 222—35.

Meshberg, Philip. Selective dispensing means. 3,180,536, 4–27–65, Cl. 222—394.
Meshberg, Philip. Aerosol dispensing package. 3,184,115, 5–18–65, Cl. 222—156.
Meshberg, Philip. Valve and mounting and sealing means therefor. 3,187,962, 6–8–65, Cl. 222—394.
Meshberg, Philip. Pump-type dispenser. 3,211,346, 10–12–65, Cl. 222—263.
Mesi, Philip J.: *See*—
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Messa, Matthew A., to Met-Pro, Inc. Liquid dispenser for the purification and filtration of water. 3,206,031, 9–14–65, Cl. 210—172.
Messenger, Joseph U., to Socony Mobil Oil Co., Inc. Full oil phase drilling fluids. 3,190,832, 6–22–65, Cl. 252—8.5.
Messer, Albert S.: *See*—
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Messer, Chester R., to Page Belting Co. Check control. 3,208,479, 9–28–65, Cl. 139—165.
Messer, Leonard. Continuous process for determining moisture content and heat of combustion of solid fuels. 3,222,927, 12–14–65, Cl. 73—190.
Messerly, George H., to The Bendix Corp. Thrust control means. 3,182,451, 5–11–65, Cl. 60—35.6.
Messerschmitt AG.: *See*—
Fleuchaus, Leo. 3,195,135.
Gerstenhauer, Helmut. 3,218,874.
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Messerschmitt, Willy, and Langfelder. 3,169,728.
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Messerschmitt, Elmar. Screen printing screen. 3,211,089, 10–12–65, Cl. 101—127.1.
Messerschmitt, Willy, to Messerschmitt A.G. Pre-tensioned control system for control surfaces of an aircraft. 3,166,-274, 1–19–65, Cl. 244—75.
Messerschmitt, Willy, to Messerschmitt A.G. Arrangement for jet engines at the tail end of aircraft. 3,194,516, 7–13–65, Cl. 244—74.
Messerschmitt, Willy, and H. Langfelder, to Messerschmitt AG. Intake for jet propulsion units, more particularly for aircraft. 3,169,728, 2–16–65, Cl. 244—23.
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Henkin, Hyman, and Messina. 3,211,620.
Messineo, Paul J., and J. Gross, to Radio Corp. of America. Cathode ray tube. 3,164,737, 1–5–65, Cl. 313—69.
Messing, Hjalmar S., to The Black Clawson Co. Cone press. 3,204,551, 9–7–65, Cl. 100—158.
Messinger, Bernard L.: *See*—
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Messinger, Bernard L., to Lockheed Aircraft Corp. Air cycle refrigeration system and method. 3,208,234, 9–28–65, Cl. 62—172.
Messinger, Werner, and R. Wich, to Braun Aktiengesellschaft. Shaver with roller guided drive. 3,172,201, 3–9–65, Cl. 30—43.92.
Messmer, Edwin E. Method and apparatus for conditioning bags for loading. 3,197,936, 8–3–65, Cl. 53—29.
Messmer, Edwin E., and N. A. Blain, to Amsco Packaging Machinery, Inc. Automatic labeling apparatus. 3,193,430, 7–6–65, Cl. 156—355.
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Messrs. Ritter Aluminium G.m.b.H.: *See*—
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Messwarb, Günter, and P. Seibel, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the polymerization of ethylenically unsaturated monomers. 3,166,535, 1–19–65, Cl. 260—87.1.
Messwarb, Gunter, L. Orthner, R. Reuber, and M. Grossmann, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Polymerization of unsaturated polymerizable compounds. 3,182,044, 5–4–65, Cl. 260—87.1.
Mesta Machine Co.: *See*—
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Kalberkamp, Herman J. 3,204,443.
Mestre, Luis. Deposit table shifting mechanism for a collator with control means. 3,172,548, 3–9–65, Cl. 214—6.
Mestre, Luis. Sheet jogging mechanism for belt transporting means. 3,172,656, 3–9–65, Cl. 271—48.
Mestre, Luis. Sheet feeding means for a collator. 3,208,746, 9–28–65, Cl. 271—36.
Mestre, Luis. Impression cylinder combination for a press. 3,221,652, 12–7–65, Cl. 101—232.
Mestre, Luis. Stapling means and gaging and stapling combination. 3,221,964, 12–7–65, Cl. 227—5.
Mestre, Luis. Stapler mechanical operating mechanism for collators. 3,221,965, 12–7–65, Cl. 227—7.
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Metailler, Roger, to Societe Auxiliaire de l'Entreprise (Auxen). Hydraulic control system for self-propelled excavator. 3,172,552, 3–9–65, Cl. 214—138.
Metailler, Roger. Propelling and operating drive for trenchers. 3,206,877, 9–21–65, Cl. 37—90.
Metal Bellows Corp.: *See*—
Baumann, Dwight M., Hanson, and Shamie. 3,224,344.
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Bowman, Donald B. 3,178,017.
Gerber, Kenneth G. 3,174,185.
Glyde, Brian S., Fudakowski, and Whitbourn. 3,207,823.
Mosse, Richard W. E., and Still. 3,208,588.
Partridge, Robert D. 3,167,232.
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Wilton, Ronald W. 3,219,004.
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Metal Hydrides Inc.: *See*—
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Wade, Robert C. 3,167,520.
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Metalastik Ltd.: *See*—
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Hirst, Archie J., Siwek, and Potterton. 3,165,987.
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Metcalfe, Kenneth A., and R. J. Wright, to The Commonwealth of Australia. Method for developing and fixing electrostatic images in initially partially cured base elements. 3,192,043, 6–29–65, Cl. 96—1.
Metcalfe, Kenneth A., and R. J. Wright, to The Commonwealth of Australia. Controlled and fixing liquid developer for electrophotography and electro-radiography. 3,198,649, 8–3–65, Cl. 117—37.
Metcalfe, Kenneth A., A. S. Clements, and W. H. Lowe, to Commonwealth of Australia, Department of Supply. Method of exposing xeroradiographic film in contact with intensifier screen. 3,210,543, 10–5–65, Cl. 250—65.
Metcalfe, Kenneth A., and R. J. Wright, to The Commonwealth of Australia, care of The Secretary, Department of Supply. Method of developing electrostatic image with foam liquid developer. 3,212,916, 10–19–65, Cl. 117—37.
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Meth, Max. Apparatus for vertically drawing glass. 3,193,-368, 7–6–65, Cl. 65—206.
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Metivier, Jean, to Rhone-Poulenc S.A. Carbamic esters. 3,177,061, 4–6–65, Cl. 71—2.6.
Metivier, Jean, and R. Boesch, to Rhone-Poulenc S.A. 3-trichloromethylthio-5-halo-1,3,4-thiadiazol-2 - one. 3,169,969, 2–16–65, Cl. 260—306.7.
Metivier, Jean, and R. Boesch, to Rhone-Poulenc S.A. 1,3,4-oxa (or thia) diazole compounds. 3,202,673, 8–24–65, Cl. 260—307.
Metlesics, Werner, and L. H. Sternbach, to Hoffmann-La Roche Inc. 5-piperidino- and 5-di-lower alkylamino-2-amino-benzophenones. 3,202,665, 8–24–65, Cl. 260—294.7.
Metlesics, Werner, and L. H. Sternbach, to Hoffmann-La Roche Inc. Certain benzodiazepine compounds. 3,215,-688, 11–2–65, Cl. 260—239.
Metlesics, Werner, and L. H. Sternbach, to Hoffmann-La Roche Inc. 3H-1,4-benzodiazepin-2(1H)-ones. 3,218,315, 11–16–65, Cl. 260—239.3.
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Metro, Stephen J., to Esso Research and Engineering Co. Fluorine containing esters of polycarboxylic acids. 3,223,-726, 12–14–65, Cl. 260—485.
Metro, Stephen J., A. H. Matuszak, and R. E. Barnum, to Esso Research and Engineering Co. Lead corrosion inhibitor. 3,223,636, 12–14–65, Cl. 252—56.
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Von Werder, Fritz, Bruckner, Bork, and Metz. 3,183,-150.
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Metz, Paul, to Arbed, Acieries Reunies de Burbach-Eich-Dudelange. Refractory composition and process for making same. 3,224,888, 12–21–65, Cl. 106—56.
Metz, Peter J., Jr., to Crown Zellerbach Corp. Method and apparatus for laminating sheet material. 3,190,781, 6–22–65, Cl. 156—244.
Metz, Pierre, to CSF-Compagnie Generale de Telegraphie Sans Fil. Automatic tracking systems. 3,221,327, 11–30–65, Cl. 343—7.
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Metz, Ramey B., to Tarmar Electronics Industries, Inc. Spacing control circuit. 3,212,622, 10–19–65, Cl. 198—34.
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Metzadour, Carlos B., to Thermo Electric Co. Protection circuit for control apparatus. 3,225,268, 12–21–65, Cl. 317—148.5.
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Metzger, Hans O. Apparatus for arranging parquet panel. 3,209,889, 10–5–65, Cl. 198—33.
Metzger, Henry L., to KVP Sutherland Paper Co. Dispensing carton with removable plastic window. 3,168,976, 2–9–65, Cl. 229—51.

Metzger, Horst, and D. Weiser, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Separation of cycloalkanone oximes. 3,177,133, 4–6–65, Cl. 204—162.
Metzger, James I., Jr., to Wagner Electric Corp. Method of making magnetic cores. 3,186,066, 6–1–65, Cl. 29—155.57.
Metzger, Louis G., to Potter Instrument Co., Inc. Reversible magnetic particle clutch and brake with cooling means. 3,208,567, 9–28–65, Cl. 192—12.
Metzger, William H., Jr., to United States of America, Commerce. Method of preparing small diameter tubes and the like. 3,189,990, 6–22–65, Cl. 29—423.
Metzger, William J., to National Castings Co. Railway car conduit connectors. 3,191,970, 6–29–65, Cl. 285—27.
Metzger, William J., to National Castings Co. Car coupler. 3,206,039, 9–14–65, Cl. 213—166.
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Metzner, Robert G. Boat hull constructions. 3,220,027, 11–30–65, Cl. 9—6.
Metzrath, Heinrich, to Henschel Flugzeug-Werke A.G. Device for exchanging helicopter engines. 3,211,299, 10–12–65, Cl. 214—1.
Meuer, Donal A., to The National Cash Register Co. Semi-permanent information-store devices. 3,184,720, 5–18–65, Cl. 340—174.
Meuer, William V. Paper sack holder. 3,186,667, 6–1–65, Cl. 248—97.
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Meuly, Walter C., and A. Seldner, to Rhodia, Inc. Method for abating stream pollution. 3,226,320, 12–28–65, Cl. 210—63.
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Oestrich, Hermann, Michard, Meunier, and Minos. 3,174,411.
Meunier, Gabriel, to Degremont Canada Ltee. Atomizer of gas in liquid. 3,214,151, 10–26–65, Cl. 261—64.
Meunier, Robert, to United States of America, Army. Bolt stop for use with tandem-type magazines. 3,177,601, 4–13–65, Cl. 42—18.
Meunier, Robert, to United States of America, Army. Trigger guard safety for dual trigger firearms. 3,195,259, 7–20–65, Cl. 42—70.
Meunier, Roland J. Liquid dispensing devices. 3,177,502, 4–13–65, Cl. 4—228.
Meurer, Heinz H., to Loewe Opta A.G. Transistor mixer and oscillator circuit. 3,206,682, 9–14–65, Cl. 325—438.
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Fischer, Hans, Meurer, and Liebel. 3,166,053.
Muhlberg, Erhard, and Meurer. 3,167,913.
Meurer, Siegfried, to Maschinenfabrik Augsburg-Nurnberg A.G. Method and apparatus for forming combustion gas mixtures for rotary piston engines. 3,200,795, 8–17–65, Cl. 123—8.
Meusel, Jerome A., to The Baltimore Spice Co. Method of processing meat. 3,186,853, 6–1–65, Cl. 99—159.
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Jackson, Robert E., and Mewhinney. 3,210,498.
Mews, Günter. Multiple rool tape dispenser with receptacle. 3,183,752, 5–18–65, Cl. 83—167.
Mewse, Charles, to Avdel Ltd. Ball detent coupling device with ring shaped friction means. 3,170,362, 2–23–65, Cl. 85—5.
Mexner, Wilhelm: *See*—
Lange, Karl H. 3,218,946.
Meybeck, Jean, R. Kircher, and J. Breiss (nee Le Clerc), to Societe d'Etudes Chimiques Pour l'Industrie et l'Agriculture.. Alkaline earth bromites. 3,178,262, 4–13–65, Cl. 23—85.
Meyer, Albert, to D. H. Baldwin Co. Volume control for electronic organs. 3,193,609, 7–6–65, Cl. 84—1.27.
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Meyer, Andre J., and E. A. Mossman, to Martin-Marietta Corp. Ducted rocket engine. 3,176,464, 4–6–65, Cl. 60—35.55.
Meyer, Arnfried. Apparatus for treating textile goods. 3,177,592, 4–13–65, Cl. 334—82.
Meyer, August, and W. Steger, to Siemens-Schuckertwerke Aktiengesellschaft. Method for dividing semiconductor plates into smaller bodies. 3,206,088, 9–14–65, Cl. 225—2.
Meyer, Barthold F., to General Motors Corp. Cam centered electric switch with moisture-proof sealing means. 3,222,-467, 12–7–65, Cl. 200—16.
Meyer, Burtis W., H. J. Geer, to General Electric Co. Information storage circuit. 3,178,587, 4–13–65, Cl. 307—88.5.
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Glass, Marvin I., Neumann, Meyer, and Jernstrom. 3,200,537.
McFarland, Norman T., and Meyer. 3,201,129.
Meyer, Burton C., and H. Stan, to Marvin I. Glass. Surprise chance device. 3,169,770, 2–16–65, Cl. 273—138.
Meyer, Carl L., to General Motors Corp. Photosensitive rear warning signal. 3,192,437, 6–29–65, Cl. 315—77.
Meyer, Christoph P. Air deflector. 3,225,679, 12–28–65, Cl. 98—103.
Meyer, Curtis E., to The Upjohn Co. Stable vitamin composition. 3,168,440, 2–2–65, Cl. 167—81.
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Meyer, Delbert H., and P. J. Mehalso, to Standard Oil Co. Direct esterification. 3,185,668, 5–25–65, Cl. 260—75.
Meyer, Earl A.: *See*—
Bouschat, Kenneth, and Meyer. 3,214,967.
Meyer, Earl A., and J. B. Spencer, to United States of America, Army. Device for measuring the velocity of a projectile using spaced frangible switches. 3,222,596, 12–7–65, Cl. 324—70.
Meyer, Edgar D. Pipe smoker's kit. 3,200,822, 8–17–65, Cl. 131—243.
Meyer, Edward S. Hand tool for facilitating the insertion of a seal packing material into a narrow groove formed to receive said packing material. 3,192,617, 7–6–65, Cl. 29—278.
Meyer, Engelbert A., to Chicago United Products Co., Inc. Method of finishing automobile panel and securing trim thereto. 3,188,730, 6–15–65, Cl. 29—430.
Meyer, Frances S.: *See*—
Meyer, Peter R. and F. S. 3,212,647.
Meyer, Frank E., to General Dynamics Corp. Printed wiring layout process. 3,171,741, 3–2–65, Cl. 96—27.
Meyer, Frank J., to Kimberly-Clark Corp. Expansion size envelope. 3,167,242, 1–26–65, Cl. 229—68.
Meyer, Frank L. Suspended-ceiling hanger for drapery traverse rods. 3,198,471, 8–3–65, Cl. 248—265.
Meyer, Friedrich, to Ebauches S.A. Timepiece. 3,177,647, 4–13–65, Cl. 58—58.
Meyer, Gene A.: *See*—
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Carter, Sidney T. 3,215,255.
Carter, Sidney T. 3,215,582.
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Craig, George A. 3,179,231.
Granier, Hetor. 3,209,794.
McGill, Robert W. 3,201,916.
Meyer, George L. N. 3,197,014.
Meyer, George L. N. 3,214,102.
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Meyer, George: *See*—
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Meyer, George C. Alarm for swimming pool. 3,204,232, 8–31–65, Cl. 340—261.
Meyer, George E.: *See*—
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Meyer, George F., Jr., and C. J. Forster, to Pure Carbon Co., Inc. Refractory fixture. 3,167,045, 1–26–65, Cl. 113—99.
Meyer, George L. N., to Geo. J. Meyer Mfg. Co. Article handling apparatus. 3,197,014, 7–27–65, Cl. 198—32.
Meyer, George L. N., to Geo. J. Meyer Mfg. Co. Self-cleaning nozzles. 3,214,102, 10–26–65, Cl. 239—107.
Meyer, Gerhard: *See*—
Siggel, Erhard, Meyer, and Rosener. 3,201,192.
Meyer, Gerhard, W. Rösener, and E. Siggel, to Vereinigte Glanzstoff-Fabriken A.G. Process for producing improved polyolefins of controlled molecular weight. 3,216,989, 11–9–65, Cl. 260—93.7.
Meyer, Gerson: *See*—
Bair, Lester E., Meyer, and Kramer. 3,187,518.
Meyer, Gerson, to Life-Like Products Inc. Mold and valve means for filling same. 3,222,718, 12–14–65, Cl. 18—5.
Meyer, Godfried J. Rotary pump. 3,213,803, 10–26–65, Cl. 103—144.
Meyers, Gordno C., to Teletype Corp. Automatic message identification circuit for telegraph machines. 3,179,742, 4–20–65, Cl. 178—3.
Meyer, Hans. Measuring elements, particularly for considerable lengths. 3,176,403, 4–6–65, Cl. 33—168.
Meyer, Hans. Comparator. 3,200,502, 8–17–65, Cl. 33—172.
Meyer, Hans. Measuring instrument. 3,222,790, 12–14–65, Cl. 33—166.
Meyer, Hans and P. Heat sealable fabrics. 3,212,530, 10–19–65, Cl. 139—420.
Meyer, Hans J. G., and J. Volger, to North American Philips Co., Inc. Method of manufacturing thermoelectric devices such as thermobatteries or Peltier refrigerators. 3,209,-433, 10–5–65, Cl. 29—155.5.
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Meyer, Harry A., and H. J. Langlois, to American Radiator & Standard Sanitary Corp. Fluid drive for reversible rotation. 3,190,076, 6–22–65, Cl. 60—54.
Meyer, Heinz, W., to Elektrochemische Werke Munchen A.G. Catalyst for bulk and solution polymerization. 3,222,294, 12–7–65, Cl. 252—428.
Meyer, Hendrik W. J. H.: *See*—
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Meyer, Herbert, to Licentia Patent-Verwaltungs-G.m.b.H. Switch which reduces rebounding of its contacts. 3,196,-231, 7–20–65, Cl. 200—87.
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Sterns, Robert B., Mahony, and Meyer. 3,181,403.
Meyer, Irel H.: *See*—
Meyer, Jack W. and I. H. 3,182,835.
Meyer, Irving S. Emergency warning system. 3,176,268. 3–30–65, Cl. 340—88.
Meyer, Jack W. and I. H. Powered barrel truck. 3,182,835, 5–11–65, Cl. 214—383.
Meyer, James R., to Chemical Design, Inc. Adsorption-desorption method. 3,221,476, 12–7–65, Cl. 55—28.
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Meyer, Jerry A., to General Electric Co. Tone arm restraining device. 3,188,093, 6–8–65, Cl. 274—23.
Meyer, Jerry A., to General Electric Co. Phonograph. 3,190,-659, 6–22–65, Cl. 274—2.
Meyer, John F., and E. J. Zalewski, to Schenectady Varnish Co., Inc. Insulated conductor having undercoat of isocyanurate modified polyester and overcoat of polyethylene terephthalate. 3,201,276, 8–17–65, Cl. 117—218.
Meyer, John F., and E. J. Zalewski, to Schenectady Chemicals, Inc. Electric conductor coated with the reaction product of a dibasic polycarboxylic acid and tris(2-hydroxyethyl) isocyanurate together with an organic polyisocyanate or an alkyl titanate. 3,211,585, 10–12–65, Cl. 117—232.
Meyer, John F. A., and N. H. Calvert, to Baker Perkins Inc. Apparatus for weight setting weighing devices. 3,213,954, 10–26–65, Cl. 177—248.
Meyer, John L., to Gardner-Denver Co. Wire wrapping tool. 3,219,067, 11–23–65, Cl. 140—124.
Meyer, Karl. Roof insulation. 3,210,901, 10–12–65, Cl. 52—378.
Meyer, Karl-Heinrich, and H. Schnell, to Farbenfabriken Bayer Aktiengesellschaft. Process for the manufacture of pure 4′,4′-di-(hydroxy-phenyl)-alkanes. 3,192,270, 6–29–65, Cl. 260—619.
Meyer, Kuno, to Hoffmann-La Roche Inc. Process for the manufacture of cardioactive monoglycosides. 3,177,200, 4–6–65, Cl. 260—210.5.
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Meyer, Kurt, H. Rausch, G. Heitmann, and W. Koch, to Metallgesellschaft. A.G. Process for reduction of iron ore with separate introduction of reducing agent. 3,180,725, 4–27–65, Cl. 75—33.
Meyer, Kurt, G. Heitmann, and W. Janke, to Metallgesellschaft Aktiengesellschaft. Iron ore reducing rotary furnace with mantle burner nozzles of concentric tubes. 3,185,-464, 5–25–65, Cl. 266—24.
Meyer, Kurt, H. Rausch, G. Heitmann, and W. Jahnke, to Metallgesellschaft Aktiengesellschaft. Process for the direct reduction of iron ores in rotating cylindrical furnaces. 3,196,000, 7–20–65, Cl. 75—5.
Meyer, Kurt, G. von Struve, and W. Stieger, to Dravo Corp. Method of and apparatus for the endothermic processing of ores. 3,203,782, 8–31–65, Cl. 75—5.
Meyer, Kurt, H. Rausch, G. Heitmann, and W. Janke, to Metallgesellschaft Aktiengesellschaft. Method for the direct reduction of iron ore pellets. 3,215,521, 11–2–65, Cl. 75—5.
Meyer, Lester L. Tobacco cutter and spudder. 3,178,873, 4–20–65, Cl. 56—27.5.
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Meyer, Nealy E. Sanding block. 3,173,231, 3–16–65, Cl. 51—391.
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Meyer, Hans and P. 3,212,530.
Meyer, Peter R. and F. S. Multiple clothes hanger. 3,212,-647, 10–19–65, Cl. 211—118.
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Meyer, Robert E., and W. E. Helfrich, to United States of America, Navy. Oxygen injection system. 3,170,294, 2–23–65, Cl. 60—39.46.
Meyer, Ronald E., to Remwood Chemical Co. Conductivity probe. 3,201,685, 8–17–65, Cl. 324—30.
Meyer, Ronald K. Hospital luminare. 3,200,244, 8–10–65, Cl. 240—73.
Meyer, Roy E. Tower structure. 3,217,459, 11–16–65, Cl. 52—731.
Meyer, Roy E., and H. L. Thompson, to Meyer Machine, Inc. Safety appliance. 3,179,994. 4–27–65, Cl. 24—134.
Meyer, Robert F., and B. L. Cummings, to Parke, Davis & Co. Certain 2,1-benzisothiazole compounds. 3,187,001, 6–1–65, Cl. 260—304.
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Meyer, Rudolf X., to TRW, Inc. Propulsion arrangement. 3,225,236, 12–21–65, Cl. 313—63.
Meyer, Siegfried. Collapsible umbrella. 3,170,474, 2–23–65, Cl. 135—26.
Meyer, Siegfried. Collapsible umbrella. 3,171,418, 3–2–65, Cl. 135—26.
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Meyer, Walter H. Car-top boat loader and carrier. 3,170,-583, 2–23–65, Cl. 214—450.
Meyer, Walter W., and W. M. Teller, to Sealol, Inc. Rotary joint and drum. 3,217,794, 11–16–65, Cl. 165—89.
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Meyer, William E., to North American Aviation, Inc. Extensible line having constant electrical length. 3,182,273, 5–4–65, Cl. 333—98.
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Meyerhoefer, Carl E., to Knomark, Inc. Containers. 3,186,-579, 6–1–65, Cl. 220—43.
Meyerhoefer, Carl E. End construction for multi-gusset bag. 3,197,118, 7–27–65, Cl. 229—62.5.
Meyerhoefer, Carl E., to Equitable Paper Bag Co., Inc. Double gusset bag. 3,201,027, 8–17–65, Cl. 229—53.
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Meyer-Jagenberg, Gunther, to Jagenberg-Werke AG. Method of and apparatus for dispensing liquids, such as milk or the like. 3,177,906, 4–13–65, Cl. 141—5.
Meyer-Jagenberg, Gunther, to Jagenberg Werke Akt.-Ges. Liquid tight prismatic container of paper, cardboard or the like. 3,197,112, 7–27–65, Cl. 229—37.
Meyer-Jagenberg, Gunther, to Jagenberg Werke Akt.-Ges. Method of inserting marking strips into stacks. 3,205,739, 9–14–65, Cl. 83—23.
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Meyers, George L., to American Can Co. Tamperproof reclosable carton. 3,191,848, 6–29–65, Cl. 229—51.
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Miale, Joseph N., and P. B. Weisz, to Socony Mobil Oil Co., Inc. Catalytic conversion with activated catalyst. 3,175,967, 3–30–65, Cl. 208—120.
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Michael, Arthur B., to Fansteel Metallurgical Corp. Columbium alloy. 3,188,206, 6–8–65, Cl. 75—174.
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Mikos, John J., to S & C Electric Co. Center break high voltage switch with circuit interrupters. 3,194,928, 7–13–65, Cl. 200—146.
Mikos, John J., to S & C Electric Co. Switch construction for high voltage A.C. power circuits having arcing horns arranged for closing against high fault currents. 3,206,-581, 9–14–65, Cl. 200—146.
Miksch, Russell S., and R. E. Corridan, to American Radiator & Standard Sanitary Corp. Controlled temperature gradient vapor-generator. 3,195,514, 7–20–65, Cl. 122—4.
Miksch, Russell S., and R. E. Corridan, to American Radiator & Standard Sanitary Corp. Vapor generator. 3,222,498, 12–7–65, Cl. 219—271.
Mikurak, John, to Arcos Corp. Elastomer die swellable into engagement with a cylinder by solvent contained in the ink. 3,198,116, 8–3–65, Cl. 101—377.
Mikus, Clifford A., to Pittsburgh Plate Glass Co. Treatment of glass. 3,223,252, 12–14–65, Cl. 214—1.
Mikus, Julius A. Fishing lure. 3,221,436, 12–7–65, Cl. 43—42.17.
Mikusch, Berta, to K. Vockenhuber and C. Hauser. Afocal wide-angle supplementary objective. 3,224,332, 12–21–65, Cl. 88—57.
Mikusch, Berta, and H. Wessner, to K. Vockenhuber, and C. Hauser. Photographic or cinematographic camera. 3,180,241, 4–27–65, Cl. 95—64.
Mil, Mikhail L., and A. S. Braverman. Single-rotor helicopter having the rotor axis canted to the vertical. 3,182,931, 5–11–65, Cl. 244—17.17.
Milam, James R.: *See*—
Sims, Samuel E., Northington, Toole, and Milam. 3,215,-932.
Milam, Joseph E.: *See*—
McGreevy, Robert E., and Milam. 3,217,064.
Mil-An Mfg. Corp.: *See*—
Howard, Sol. 3,204,395.
Milana, Jerome L. Aircraft landing gear emergency hydraulic system. 3,173,630, 3–16–65, Cl. 244—50.
Milanos, Angelo: *See*—
Milanos, Jerry L. and A. 3,190,425.
Milanos, Jerry L. and A. Coin operated latch device. 3,190,-425, 6–22–65, Cl. 194—1.
Milbank Mfg. Co., Inc.: *See*—
Waldrop, Robert F. 3,170,090.
Milberger, Ernest C.: *See*—
Callahan, James L., Milberger, and Utter. 3,172,909.
Milberger, Ernest C., to The Standard Oil Co. Process for the manufacture of acrylonitrile. 3,200,141, 8–10–65, Cl. 260—465.3.
Milbourne, Benjamin K., to K.C.K. Holding Co. Hanger structure. 3,175,696, 3–30–65, Cl. 211—86.
Milburn, Frank L.: *See*—
Pearce, George C., Evans, Fry, and Milburn. 3,189,019.
Milburn, Herbert: *See*—
Frye, Colin M., Milburn, and Winder. 3,164,066.
Mildh, Gösta: *See*—
Gustafsson, Stig, and Mildh. 3,201,923.
Haglund, Algot, and Mildh. 3,203,155.
Miled S.p.A.: *See*—
Nobile, Luciano. 3,176,002.
Milenkovic, Veljko: *See*—
Johnson, Harry T., Milenkovic, and Walter. 3,212,649.
Milenkovic, Veljko, P. A. Saigh, and E. K. Takata, to United States of America, Army. Folded fin rocket. 3,196,793, 7–27–65, Cl. 102—49.
Miles, Boyd F. Spreader bar. 3,206,243, 9–14–65, Cl. 294—81.
Miles, Brad H.: *See*—
Smith, John C., Miles, and Levine. 3,188,341.
Miles, Charles F., to Miles Laboratories, Inc. Hangable tube dispenser. 3,190,500, 6–25–65, Cl. 222—105.
Miles, Clair E. Gage unit. 3,192,635, 7–6–65, Cl. 33—172.
Miles, Duane O., to Lockheed Aircraft Corp. Sinusoidal shear generator. 3,194,064, 7–13–65, Cl. 73—101.
Miles, Edward E.: *See*—
Blackburn, Alan P., and Miles. 3,165,269.
Miles, George N.: *See*—
MacCracken, Calvin D., and Miles. 3,181,793.
Miles, George T., to International Business Machines Corp. Paper feeding mechanisms for typewriters. 3,217,856, 11–16–65, Cl. 197—127.
Miles, Gilbert D., to Colgate-Palmolive Co. Ball type applicator dispenser. 3,166,779, 1–26–65, Cl. 15—572.
Miles, Gilbert De W. Collapsible plastic tubes. 3,211,342, 10–12–65, Cl. 222—107.
Miles, H. G., Ltd.: *See*—
Deal, John, and Heathcote. 3,218,680.
Miles, Harry V., to Dorr-Oliver, Inc. Treatment of cane mud containing a suspension of impurities. 3,166,443, 1–19–65, Cl. 127—55.
Miles, Harry V., Jr., to Dorr-Oliver Inc. Continuous filters. 3,215,277, 11–2–65, Cl. 210—217.
Miles, John H., Jr.: *See*—
Jewell, Francis W., and Miles. 3,194,905.
Miles, John J., Jr.: *See*—
Pader, Morton, and Miles. 3,170,800.
Miles, John L.: *See*—
Slade, Albert E., and Miles. 3,200,262.
Miles, John R., to Council On Library Resources, Inc. Magnifier having a relatively large field and eye relief. 3,171,-884, 3–2–65, Cl. 88—57.
Miles, John R., to Lancaster Glass Corp. Lenticulated lens for traffic light. 3,222,516, 12–7–65, Cl. 240—106.1.
Miles, Marshall, to Stewart-Warner Corp. Low power thermostatic control having independent load source. 3,223,804, 12–14–65, Cl. 200—122.
Miles Laboratories, Inc.: *See*
Barton, Richard R. 3,201,325.
Borchert, Peter J. 3,169,076.
Borchert, Peter J. 3,177,250.
Espey, Kermit M. 3,218,666.
Free, Alfred H. 3,164,534.
Jaspers, John H. 3,167,465.
Kalt, Charles J., and Mesi. 3,203,540.
Lockwood, Lewis B., and Batti. 3,189,527.
Mast, Ray, Rebar, and Fraser. 3,212,855.
Miles, Charles F. 3,190,500.
Oakes, Paul W. 3,183,173.
Rupe, Chauncey O. 3,186,919.
Rupe, Chauncey O. 3,186,921.
Miles, Lyle G.: *See*—
Brindley, Richard B., and Miles. 3,218,918.
Miles, Marshall, to Stewart-Warner Corp. Temperature indicating device. 3,197,754, 7–27–65, Cl. 340—213.
Miles, Melvin O. Rotary wing aircraft control system. 3,174,708, 3–23–65, Cl. 244—17.25.
Miles, Thomas R. Feeding apparatus. 3,209,890, 10–5–65, Cl. 198—34.
Miles, Wallace J.: *See*—
Hahn, Harold G., Kochaney, Miles, and Modeen. 3,188,-234.
Mileti, Joseph A., to The Bendix Corp. Pump. 3,200,755, 8–17–65, Cl. 103—113.
Milette, Kenneth A.: *See*—
O'Brien, Robert F., and Milette. 3,183,525.
Milette, Kenneth A., to Mission-West Mfg. Co. Coupling. 3,197,242, 7–27–65, Cl. 285—175.
Milette, Kenneth A., to Mission-West Mfg. Co. Wedge gate valve. 3,212,753, 10–19–65, Cl. 251—203.
Milewski, John V.: *See*—
Katz, Harry S., and Milewski. 3,203,849.
Milewski, Victor, to The Valeron Corp. Pressed pin cutting tool holder. 3,176,377, 4–6–65, Cl. 29—96.
Miley, Calvin W., to United States of America, Air Force. Multiblade antenna. 3,208,072, 9–21–65, Cl. 343—895.
Milford, Richard E., to General Electric Co. Apparatus for central recording of remote meter data by periodic and sequential meter interrogation. 3,164,771, 1–5–65, Cl. 324—113.
Milford Rivet & Machine Co., The: *See*—
Merwin, Frederick H. 3,187,908.
Milgo Electronic Corp.: *See*—
Stegenga, Jerry A. 3,197,136.
Milgram, Jerome H.: *See*—
Nye, Dudley D., Jr., Connaught, and Milgram. 3,186,-105.
Milgrom, Jack, and W. H. Urry, to Standard Oil Co. Ethers of olefin alcohols. 3,173,958, 3–16–65, Cl. 260—611.
Milheiser, Reginald: *See*—
Kelley, Kendal R., and Milheiser. 3,183,636.
Milian, Alwin S., Jr., to E. I. du Pont de Nemours and Co. Novel perfluoroolefin epoxide polyethers. 3,214,478, 10–26–65, Cl. 260—615.
Milias, Emmanuel: *See*—
Coes, Loring, Jr., and Milias. 3,167,891.
Hague, Gustaf F., Jr., and Milias. 3,177,360.
Milias, Emmanuel, to Norton Co. Apparatus for increasing grinding ratio. 3,178,861, 4–20–65, Cl. 51—165.
Milinowski, Arthur S., to Diapulse Mfg. Corp. of America. Athermapeutic apparatus. 3,181,535, 5–4–65, Cl. 128—422.
Milionis, Jerry P.: *See*—
Boyle, Richard J., and Milionis. 3,213,058.
Boyle, Richard J., and Milionis. 3,214,436.
Coleman, Ralph A., and Milionis. 3,211,696.
Rodgers, John L., and Milionis. 3,169,129.
Milionis, Jerry P., R. A. Coleman, and F. J. Arthen, to American Cyanamid Co. Polymeric materials stabilized with alkenoylamino benzophenones. 3,215,759, 11–2–65, Cl. 260—870.
Militana, Frank A. Sprocket with a replaceable wear rim for a crawler type vehicle. 3,168,836, 2–9–65, Cl. 74—243.
Militano, Vincent, to The Finkel Umbrella Frame Co., Inc. Plastic umbrella frames. 3,177,882, 4–13–65, Cl. 135—20.
Militano, Vincent, to The Finkel Umbrella Frame Co., Inc. Unitary umbrella frames. 3,177,883, 4–13–65, Cl. 135—20.
Military Training Device Co.: *See*—
Nordzell, Carl O. J. 3,173,364.
Militello, Santo. Baby food feeder. 3,206,054, 9–14–65, Cl. 215—11.
Milk, James, and T. Pallow. Replaceable heel. 3,225,466, 12–28–65, Cl. 36—42.
Milkovich, Michael J.: *See*—
Car, Tony, Machnik, Milkovich, and Ivosic. 3,221,455.
Mill Equipment, Inc.: *See*—
Pease, Lionel. 3,225,800.
Millar, Barry C.: *See*—
Ross, John W., Marner, and Millar. 3,179,781.
Millar, David W., to Phillips Petroleum Co. Removal of vanadium from aqueous solutions. 3,169,825, 2–16–65, Cl. 23—19.
Millar, Gordon H., to McCulloch Corp. Bearing lubrication system. 3,200,580, 8–17–65, Cl. 60—13.
Millar, Huntly D., to E & M Instrument Co., Inc. Recording equipment. 3,185,990, 5–25–65, Cl. 346—112.
Millar, James S.: *See*—
Elbogen, James S., and Millar. 3,216,744.

Millar, John, Jr., and R. W. Garber, to Jackson Mfg. Co. Wheelbarrows. 3,170,707, 2–23–65, Cl. 280—47.31.
Millar, John J., to Scott & Williams, Inc. Knitting methods and apparatus and products thereof. 3,181,314, 5–4–65, Cl. 66—42.
Millar, Thomas K.: *See*—
Hughes, Martin C., and Millar. 3,195,302.
Millard, Anthony J.: *See*—
Duddridge, Gordon K., and Millard. 3,226,522.
Millard Bros. Ltd.: *See*—
Metcalf, Alfred G. 3,205,883.
Millard, Dennis J., to Paul Boulton Aircraft Ltd. Piston locking means. 3,182,565, 5–11–65, Cl. 92—19.
Millard, Frank W., to Sterling Drug Inc. Metering device for powders and the like. 3,197,091, 7–27–65, Cl. 222—522.
Millard, Frederick W., and R. F. Laman, to General Aniline & Film Corp. Production of photographic polymeric images by heat development. 3,178,283, 4–13–65, Cl. 96—49.
Millard, Phillip V., to Automotive Rubber Co., Inc. Insulating grommets. 3,182,119, 5–4–65, Cl. 174—151.
Millard, Richard J., to Sprague Electric Co. Process for producing solid electrolyte capacitor. 3,174,209, 3–23–65, Cl. 29—25.31.
Millen Industries, Inc.: *See*—
Strickler, Jerrol P. 3,220,346.
Millen, Theodore I., to Philco Corp. Slow-scan composite signal-producing apparatus with means for producing sync pulses by offsetting black level. 3,167,613, 1–26–65, Cl. 178—7.1.
Millenaar, Richard J., to Oscar Mayer & Co., Inc. Sausage linking apparatus. 3,209,396, 10–5–65, Cl. 17—34.
Millenaar, Richard J., and E. G. Blair, deceased (by M. T. Blair, executrix), to Oscar Mayer & Co., Inc. Sausage stuffing and linking apparatus. 3,166,784, 1–26–65, Cl. 17—33.
Miller, Adolph: *See*—
Pelzek, Victor J., and Miller. 3,192,287.
Miller, Albert G. Finger nail cleaner. 3,203,433, 8–31–65, Cl. 132—75.6.
Miller, Alexander: *See*—
Menn, Jacob J., Folckemer, and Miller. 3,166,472.
Miller, Alfred L.: *See*—
Cottle, Delmer L., Gardner, Miller, and Minckler. 3,203,914.
Fusco, James V., Robison, and Miller. 3,165,496.
Miller, Alfred L., and A. J. Petro, to Esso Research and Engineering Co. Increasing viscosity of butyl rubber latices by the addition of metal salts. 3,222,311, 12–7–65, Cl. 260—29.7.
Miller, Allan S.: *See*—
Narken, Bernt, and Miller. 3,225,253.
Miller, Alvin E. Tetrahelical structure. 3,221,464, 12–7–65, Cl. 52—655.
Miller, Anthony P. Cigarette. 3,172,410, 3–9–65, Cl. 131—10.
Miller, Archie P.: *See*—
Frump, John A., and Miller. 3,187,039.
Shurter, Robert A., Jr., and Miller. 3,211,522.
Miller, Armin. Data storage system. 3,226,700, 12–28–65, Cl. 340—174.1.
Miller, Arthur, to Hewlett-Packard Co. Fluid pressure controller. 3,169,821, 2–16–65, Cl. 346—140.
Miller, Arthur C., Jr.: *See*—
McFarland, Wendall, and Miller. 3,215,467.
Miller, Arthur E., to Scott Aviation Corp. Filter attachment for a pressurized breathing apparatus. 3,202,150, 8–24–65, Cl. 128—142.
Miller, Arthur F.: *See*—
Stevens, Donald G., King, and Miller. 3,185,636.
Miller, Arthur F., and W. B. Howsmon, Jr., to The Standard Oil Co. Manufacture of trimethylene diamine and N-propylamine. 3,166,596, 1–19–65, Cl. 260—583.
Miller, Arthur J., to Carrier Corp. Vibration damped turbo machinery. 3,180,616, 4–27–65, Cl. 253—77.
Miller, August L., H. W. Weller, Jr., and R. S. Brown, to United States of America, Agriculture. Fiber retriever. 3,205,538, 9–14–65, Cl. 19—204.
Miller, Austin V., H. S. Hunt, and E. L. Thompson, to Middletown Mfg. Co., Inc. Self-return swivel of opposed plate type. 3,199,826, 8–10–65, Cl. 248—417.
Miller Avy L. Gas burner. 3,192,989, 7–6–65, Cl. 158—114.
Miller, Avy L. Water heater with heat insulating coating on tubes. 3,203,404, 8–31–65, Cl. 122—236.
Miller, Avy L. Water heating method and apparatus. 3,211,373, 10–12–65, Cl. 236—20.
Miller, Bernard, and D. W. Long, to American Cyanamid Co. O-2-pyrazinyl phosphorodichloridothioate. 3,172,888, 3–9–65, Cl. 260—250.
Miller, Bernard, and T. P. O'Leary, Jr., to American Cyanamid Co. Preparation of N-substituted phosphoramidothioates. 3,183,257, 5–11–65, Cl. 260—461.
Miller, Bertha E. Artificial limb cushioning pad. 3,186,006, 6–1–65, Cl. 3—19.
Miller, Bertrand J.: *See*—
Morris, George V., Roschke, Druz, and Miller. Re. 25,837.
Miller, Bob C., to United States of America, Navy. Nozzle position and after burner lighting indicator. 3,192,711, 7–6–65, Cl. 60—35.6.
Miller, Boyd C. Seal for tunnel kilns. 3,168,299, 2–2–65, Cl. 263—28.
Miller, Boyd C. Impact hammer for hammermills. 3,207,448, 9–21–65, Cl. 241—197.
Miller, Boyd C. Furnace section for kiln. 3,219,328, 11–23–65, Cl. 263—28.
Miller Brewing Co.: *See*—
Neuman, Larry K., and Melotik. 3,197,110.
Miller, Bruce D., and R. L. Smith, to Chemetron Corp. Valve arrangement for receptacle filling machines. 3,168,225, 2–2–65, Cl. 222—380.
Miller, Byron E., and D. D. Dahlstrom, to Shell Oil Co. Code responsive receiver having means for ignoring repeated transmissions of the same digital code. 3,189,874, 6–15–65, Cl. 340—147.
Miller, Cardell E., to Minnesota Mining and Mfg. Co. Compression type hand tool. 3,220,241, 11–30–65, Cl. 72—446.
Miller, Carl F., and H. M. Heyn, to Westinghouse Electric Corp. Method of forming sealed article. 3,166,396, 1–19–65, Cl. 65—32.
Miller, Carl F., and D. I. Gray, to Westinghouse Electric Corp. Sealed articles and methods of forming the same. 3,208,892, 9–28–65, Cl. 156—89.
Miller, Carl J., F. F. Timpner, and H. Aldikacti, to General Motors Corp. Torque tube having a varying section modulus. 3,167,149, 1–26–65, Cl. 180—70.
Miller, Carl S., to Minnesota Mining & Mfg. Co. Simultaneous multicolor printing. 3,213,787, 10–26–65, Cl. 101—211.
Miller, Carl S., and B. W. Neher, to Minnesota Mining and Mfg. Co. Laterally disposed coterminously adjacent multicolor area containing graphic reproduction receptor and electrophotographic process of using same. 3,212,887, 10–19–65, Cl. 96—1.
Miller, Caroline D.: *See*—
Berger, Bernard B., Miller, and Langer. 3,208,951.
Miller, Charles, and P. Romanelli, to Ram Domestic Products Co. Ignition and control system for gas-fueled heating devices. 3,196,929, 7–27–65, Cl. 158—124.
Miller, Charles A., and R. L. Hull, to Parke, Davis & Co. Process for the production of a methyl-α-phenyl-β-ethylsuccinimide. 3,183,245, 5–11–65, Cl. 260—326.5.
Miller, Charles E.: *See*—
Ehret, Yale W., and Miller. 3,213,286.
Mayer, Alfred A., and Miller. 3,185,095.
Mayer, Alfred A., and Miller. 3,215,077.
Metcalf, John S., Miller, and Olney. 3,171,350.
Williams, Charles O., Miller, and Metcalf. 3,164,090.
Miller, Charles F., to Motorola, Inc. Semiconductor device with cold welded package and method of sealing the same. 3,219,748, 11–23–65, Cl. 174—52.
Miller, Charles G. Telephone switching system. 3,189,687, 6–15–65, Cl. 179—18.
Miller, Charles M., to The Adams & Westlake Co. Latch assembly. 3,220,759, 11–30–65, Cl. 292—120.
Miller, Charles M., and M. E. Staley, to The Adams & Westlake Co. Pedestal. 3,195,848, 7–20–65, Cl. 248—411.
Miller, Clarence E. Magneto having auxiliary pole piece. 3,210,582, 10–5–65, Cl. 310—156.
Miller, Clarence R.: *See*—
Miller, Lawrence E. and E. D. 3,185,278.
Miller, Clark O.: *See*—
Gipstein, Edward, and Miller. 3,169,145.
Miller, Clark T.: *See*—
Kozlowski, Edward T., and Miller. 3,216,221.
Miller Co., The: *See*—
Pascucci, Ernest B. 3,176,260.
Miller, Dale L. Calculator device. 3,189,272, 6–15–65, Cl. 235—61.
Miller, Dale W., and W. F. Clark, to General Motors Corp. Plural propeller pitch change control system. 3,201,068, 8–17–65, Cl. 244—17.23.
Miller, David B.: *See*—
Iwnicki, Kurt, and Miller. 3,167,846.
Iwnicki, Kurt, and Miller. 3,200,467.
Iwnicki, Kurt, and Miller. 3,205,554.
Miller, David I.: *See*—
Bingham, Charles T., Miller, and Kozlowski. 3,217,534.
Miller, David R., and R. H. Rathburn, to Computronics, Inc. Non-linear element for an analog computer. 3,217,151, 11–9–65, Cl. 235—194.
Miller, David T. A., to Wittaker Corp. Pressure ratio switch. 3,180,359, 4–27–65, Cl. 137—625.4.
Miller, Donald E., and C. C. Bauerlein, to The Dole Valve Co. Slug valve driven ice maker. 3,182,465, 5–11–65, Cl. 62—137.
Miller, Donald J., to Addressograph-Multigraph Corp. Holding and adjusting means for printing members. 3,188,952, 6–15–65, Cl. 101—415.1.
Miller, Donald K. Suspension knock-down shelter. 3,195,507, 7–20–65, Cl. 119—23.
Miller, Donald L., to Daryl Industries, Inc. Sliding screen top guide. 3,172,145, 3–9–65, Cl. 16—87.
Miller, Donald P., to Texas Instruments Inc. Apparatus for forming clean iron-lead telluride high temperature pressure contacts. 3,165,615, 1–12–65, Cl. 219—9.5.
Miller, Dorr W.: *See*—
Bates, Max H., Miller, and Woveris. 3,188,724.
Miller, Earl E., and A. C. Rehm, to James Heddon's Sons. Feathering device for closed face spinning reel. 3,176,939, 4–6–65, Cl. 242—84.2.
Miller, Earle C.: *See*—
Kuhner, Max H., and Miller. 3,168,074.

Miller, Earle C., to Riley Stoker Corp. Steam generating unit. 3,182,640, 5–11–65, Cl. 122—479.
Miller, Earle C., to Riley Stoker Corp. Ball mill. 3,189,285, 6–15–65, Cl. 241—171.
Miller, Earle C., to Riley Stoker Corp. Coking stoker. 3,200,-049, 8–10–65, Cl. 202—117.
Miller, Earle C., to Riley Stoker Corp. Burner. 3,203,463, 8–31–65, Cl. 158—1.5.
Miller, Earle C., to Riley Stoker Corp. Furnace access apparatus. 3,207,132, 9–21–65, Cl. 122—235.
Miller, Earle C., to Riley Stoker Corp. Steam generating unit. 3,207,134, 9–21–65, Cl. 122—479.
Miller, Earle F., Jr. Method for marking metal articles. 3,222,752, 12–14–65, Cl. 29—90.
Miller, Edith H., I. Hechenbleikner, and O. A. Homberg, to Carlisle Chemical Works, Inc. Oxathia cyclopentanones. 3,209,012, 9–28–65, Cl. 260—327.
Miller, Edward H., and F. O. Furman, to Koppers Co., Inc. Noise inhibiting device. 3,165,167, 1–12–65, Cl. 181—51.
Miller, Edwin A., to Texas Instruments Inc. Composite electrically conductive spring materials. 3,212,865, 10–19–65, Cl. 29—196.3.
Miller, Edwin J.: *See*—
Hornaday, James R., Jr., Miller, and Vigor. 3,167,638.
Miller, Eldon D., Jr., to Harbison-Walker Refractories Co. Method of slip casting basic refractory materials. 3,189,-668, 6–15–65, Cl. 264—56.
Miller, Eldon D., Jr., to Harbison-Walker Refractories Co. Refractory. 3,205,081, 9–7–65, Cl. 106—65.
Miller, Eldon D., Jr., to Harbison-Walker Refractories Co. Fabrication of alumina refractories. 3,220,862, 11–30–65, Cl. 106—65.
Miller, Eldon D., Jr., to Harbison-Walker Refractories Co. Alumina refractories. 3,226,241, 12–28–65, Cl. 106—65.
Miller, Eldon D., Jr., and R. K. Scott, to Harbison-Walker Refractories Co. Immersion sampler. 3,221,559, 12–7–65, Cl. 73—425.4.
Miller Electric Mfg. Co.: *See*—
Grist, Franklin J. 3,225,290.
Miller, Ellsworth B., and T. A. Godfrey, to Philco Corp. Method of inlaying wood panels. 3,212,542, 10–19–65, Cl. 144—317.
Miller, Ellsworth B., Jr., to Philco Corp. Mounting structure for a picture tube comprising mounting brackets and wedging straps therefor. 3,175,036, 3–23–65, Cl. 178—7.9.
Miller, Elmer L.: *See*—
Folkins, Hillis O., and Miller. 3,197,417.
Miller Engineering Corp.: *See*—
Miller, Frank H., Jr. 3,164,080.
Miller, Esther, Doll Creations, Inc.: *See*—
Miller, Harold. 3,212,212.
Miller, Eugene M.: *See*—
Kelley, Jerry, and Miller. 3,219,780.
Miller, Eugene M., and J. O. Kelley, to Radon Corp., and Donald J. Moloney & Associates, Inc. Electromagnetic relay with sliding leaf spring movable contacts. 3,219,781, 11–23–65, Cl. 200—104.
Miller, Eugene P., to The Colorado Fuel and Iron Corp. Mold coating composition. 3,186,855, 6–1–65, Cl. 106—38.23.
Miller, Excie D.: *See*—
Miller, Lawrence E. and E. D. 3,185,278.
Miller, Felix H. Shipping container for liquids. 3,179,323, 4–20–65, Cl. 229—14.
Miller, Floyd Y.: *See*—
Noll, George C., and Miller. 3,217,895.
Miller, Frank, to Air Products and Chemicals, Inc. Quaternary salts of 1,4-diazoniabicyclo-(2.2.2)-octane. 3,213,096, 10–19–65, Cl. 260—268.
Miller, Frank B., Mfg. Co., Inc.: *See*—
Lane, Ralph G., and Lamb. 3,203,053.
Miller, Frank D., and J. J. Wheeler, to Eastman Kodak Co. Coating high viscosity liquids. 3,206,323, 9–14–65, Cl. 117—34.
Miller, Frank G., and E. A. Dittmar, to Morton Salt Co. Process for preparing culinary salt. 3,198,608, 8–3–65, Cl. 23—300.
Miller, Frank H., Jr., to Miller Engineering Corp. Bag palletizer. 3,164,080, 1–5–65, Cl. 100—35.
Miller, Franklyn D.: *See*—
Newberg, Raymond G., Miller, and Wagensommer. 3,173,-901.
Weber, George R., and Miller. 3,165,413.
Miller, Franklyn D., and E. D. Biggers, to National Distillers and Chemical Corp. Removal of fluorine from wet process phosphoric acid. 3,193,351, 7–6–65, Cl. 23—165.
Miller, Fred B., to Evans Products Co. Freight bracing apparatus. 3,165,075, 1–12–65, Cl. 105—369.
Miller, Fred B., to Evans Products Co. Bulkhead guide bracket. 3,203,363, 8–31–65, Cl. 105—376.
Miller, Fred J. Duplex push plate assembly for swinging doors. 3,222,732, 12–14–65, Cl. 20—16.
Miller, Fred J. Bracket for supporting rails. 3,223,371, 12–14–65, Cl. 248—251.
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Miller, George M., to General Electric Co. Detection of long waveshapes in automatic symbol reader. 3,192,504, 6–29–65, Cl. 340—146.3.
Miller, George P., and B. J. Terracciano, to The Bunker-Ramo Corp. Magnetic recording device. 3,219,988, 11–23–65, Cl. 340—174.1.
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Miller, George V., Jr. Telescope mounts for rifles. 3,187,435, 6–8–65, Cl. 33—50.
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Miller, Glen E., to The Boeing Co. Diversity combining system employing differential sampling. 3,206,679, 9–14–65, Cl. 325—304.
Miller, Glenn E., to Western Electric Co., Inc. Article cleaning apparatus. 3,168,755, 2–9–65, Cl. 15—93.
Miller, Glenn E., to Western Electric Co., Inc. Article assembling apparatus. 3,184,836, 5–25–65, Cl. 29—203.
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Miller, Harold J., to Eagle Crusher Co., Inc. Rotary rock crusher. 3,174,698, 3–23–65, Cl. 241—275.
Miller, Harold L., to Vemco Products, Inc. Swinging door and gate operator. 3,180,635, 4–27–65, Cl. 268—74.
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Miller, Harry, to Sperry Rand Corp. Aircraft performance indicating apparatus. 3,188,861, 6–15–65, Cl. 73—178.
Miller, Harry C., and S. Helesfai, to Sargent & Greenleaf Inc. Combination lock construction. 3,170,316, 2–23–65, Cl. 70—333.
Miller, Harry L., to Western Electric Co., Inc. Miniaturized and transistorized frequency selective amplifier circuit. 3,207,959, 9–21–65, Cl. 317—147.
Miller, Harvey E., to The General Tire & Rubber Co. Cushioned bearing assembly. 3,188,152, 6–8–65, Cl. 308—36.1.
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Krause, Stephen R., and Miller. 3,225,265.
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Miller, Henry A., Jr., to Air Reduction Co. Inc. Breathing system. 3,190,287, 6–22–65, Cl. 128—144.
Miller, Henry C.: *See*—
Grigger, John C., and Miller. 3,213,610.
Miller, Henry C., and E. L. Muetterties, to E. I. du Pont de Nemours and Co. Dihydrogen dodecahydrododecaborate and method for producing same. 3,169,044, 2–9–65, Cl. 23—14.
Miller, Henry C., and E. L. Muetterties, to E. I. du Pont de Nemours and Co. Dodecahydrododecaborate compounds. 3,169,045, 2–9–65, Cl. 23—14.
Miller, Henry C., and A. L. Oppegard, to E. I. du Pont de Nemours and Co. Non-pyrophoric, ferromagnetic acicular particles and their preparation. 3,206,338, 9–14–65, Cl. 148—105.
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Miller, Henry F., and T. J. Rhodes, to United States Rubber Co. Wave damping apparatus. 3,222,870, 12–14–65, Cl. 61—5.
Miller, Henry F., and T. J. Rhodes, to United States Rubber Co. Method and apparatus for transporting material in a liquid having wave propagation. 3,222,871, 12–14–65, Cl. 61—5.
Miller, Henry L., and T. R. Ramsden, to West Penn Screen Service, Inc. Stencil screen frame. 3,167,004, 1–26–65, Cl. 101—127.1.
Miller, Henry Z., M. A. Koltuniak, and C. E. Fenoglio, to The Udylite Corp. Saturable reactor controlled transformer system. 3,223,921, 12–14–65, Cl. 323—56.
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Miller, J. Carter, and R. W. Lanman, to Carter Controls, Inc. Cylinder and piston arrangement. 3,224,817, 12–21–65, Cl. 308—3.5.
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Miller, Jack V., to Electro-Optical Systems, Inc. Pressure gauge instrument. 3,191,440, 6–29–65, Cl. 73—398.
Miller, Jack V., to Electro-Optical Systems, Inc. Wind-measuring meter device. 3,216,247, 11–9–65, Cl. 73—189.
Miller, Jack V., to Electro-Optical Systems, Inc. Antenna with wire mesh reflector collapsing in a pinwheel manner. 3,217,328, 11–9–65, Cl. 343—840.
Miller, James C., to United States of America, Navy. Fast high current driver using tunnel diodes. 3,171,038, 2–23–65, Cl. 307—88.5.
Miller, James C., to Radio Corporation of America. Memory systems using tunnel diodes. 3,201,595, 8–17–65, Cl. 307—88.5.
Miller, James C., and K. Li, to United States of America, Navy. Tunnel diode memory with nondestructive readout. 3,188,485, 6–8–65, Cl. 307—88.5.
Miller, James E. Machine for dispensing liquids. 3,223,023, 12–14–65, Cl. 99—283.
Miller, James F., to Radio Corp. of America. Method of manufacturing electron discharge devices. 3,184,278, 5–18–65, Cl. 316—19.
Miller, James F., to Titanium Metals Corp. of America. Attachment of a leader to a metallic strip. 3,205,050, 9–7–65, Cl. 29—180.
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Miller, James R., to Aerodyne Controls Corp. Gravity responsive switch. 3,183,321, 5–11–65, Cl. 200—61.48.
Miller, James W., to General Motors Corp. Brake shoe guide mechanism. 3,220,515, 11–30–65, Cl. 188—78.
Miller, Jerry W., to Ampex Corp. Automatic gain control circuit employing variable attenuation balanced diode bridge. 3,226,653, 12–28–65, Cl. 330—26.
Miller, Joe W. Hairband with detachable cover. 3,211,160, 10–12–65, Cl. 132—47.
Miller, John, to The F. & M. Schaefer Brewing Co. Transfer mechanism for conveyor key palletizing device. 3,181,684, 5–4–65, Cl. 198—24.
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Miller, Joseph P., to Chicago Stock Yards Turdo Refrigeration Co. Ice maker having water thawing means. 3,190,083, 6–22–65, Cl. 62—349.
Miller, Joseph P. Machine for handling classifiable materials. 3,211,312, 10–12–65, Cl. 214—302.
Miller, Joseph R. Cable feed mechanism. 3,218,033, 11–16–65, Cl. 254—134.3.
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Miller, Kenneth J. Surface projectile movable amusement device. 3,218,074, 11–16–65, Cl. 273—109.
Miller, Kenneth L., to E. I. du Pont de Nemours and Co. Chloroprene polymerization process. 3,190,865, 6–22–65, Cl. 260—92.3.
Miller, Kenneth W., to IIT Research Institute. Flexible worm drive. 3,220,278, 11–30–65, Cl. 74—425.
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Miller, Larkin J. Combine. 3,193,995, 7–13–65, Cl. 56—21.
Miller, Lawrence E. Castered clamp. 3,170,708, 2–23–65, Cl. 280—47.32.
Miller, Lawrence E. and E. D., to C. R. Miller. Electric iron with timer and ironing board and cabinet therefor. 3,185,278, 5–25–65, Cl. 194—1.
Miller, Lawrence F., and J. O. Thorsheim, to Honeywell Inc. Pressure control system. 3,180,763, 4–27–65, Cl. 136—86.
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Miller, Lee A., to Monsanto Co. Unsaturated esters of propiolic acid. 3,210,405, 10–5–65, Cl. 260—486.
Miller, Lee A., to Monsanto Co. Haloaromatic amides of propiolic acid. 3,210,420, 10–5–65, Cl. 260—562.
Miller, Lee A., to Monsanto Co. Lower alkyl beta-(1-alkynylcycloalkoxy) acrylate esters. 3,214,459, 10–26–65, Cl. 260—468.
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Miller, Loren N., to The Pure Oil Co. Method for absorption of carbon dioxide. 3,196,596, 7–27–65, Cl. 55—48.
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Miller, Marvin O., to United States of America, Navy. Vertically reciprocable receiving apparatus. 3,224,379, 12–21–65, Cl. 104—114.
Miller, Mary L., to American Cyanamid Co. Crystallizable polymers of t-butyl acrylate and methacrylate. 3,177,186, 4–6–65, Cl. 260—89.5.

Miller, Mary L., and C. E. Rauhut, to American Cyanamid Co. Method for producing copolymers of ethylene and t-butyl acrylate. 3,198,776, 8–3–65, Cl. 260—86.7.
Miller, Matthew N., to Jay P. Freer. Fastener device. 3,200,461, 8–17–65, Cl. 24—201.
Miller, Maurice M. Dilator. 3,196,876, 7–27–65, Cl. 128—343.
Miller, Max W., to Chas. Pfizer & Co., Inc. 2-decarboxamido-2-acetyl-tetracycline derivatives and process. 3,226,441, 12–28–65, Cl. 260—571.
Miller, Mel. Reed wind instrument. 3,191,481, 6–29–65, Cl. 84—380.
Miller, Melville A. Handle means for ski poles. 3,179,435, 4–20–65, Cl. 280—11.37.
Miller, Melvin G. Adjustable stirrup for stretch pants. 3,209,370, 10–5–65, Cl. 2—232.
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Miller, Meritt L., to General Electric Co. Electronic type converter for producing a D.C. signal proportional to watt input. 3,226,641, 12–28–65, Cl. 324—142.
Miller, Merle J., and H. J. Petty. Locking means for movable support plate. 3,203,016, 8–31–65, Cl. 9—310.
Miller, Morrow C., W. T. Lundell, and D. M. MacKay, to Johns-Manville Corp. Viewer for floor and ceiling tile or other covering. 3,188,760, 6–15–65, Cl. 40—63.
Miller, Murray R., to E. I. du Pont de Nemours and Co. Tetraalkyllead compositions. 3,175,982, 3–30–65, Cl. 252—386.
Miller, Norman A., and C. V. Di Camillo, to Sperry Rand Corp. Tape clamp. 3,187,971, 6–8–65, Cl. 226—95.
Miller, Norman E., to E. I. du Pont de Nemours and Co. Boron hydride compounds from diborane and phosphines and arsines. 3,217,023, 11–9–65, Cl. 260—440.
Miller, Norman T. Rotary cutter assembly. 3,167,991, 2–2–65, Cl. 83—662.
Miller, Oscar E. and J. E., to Rock-A-Bye Co. Crib rocking device. 3,225,365, 12–28–65, Cl. 5—109.
Miller, Park H., Jr., to General Dynamics Corp. Temperature measuring apparatus. 3,214,976, 11–2–65, Cl. 73—339.
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Miller, Ralph L., to Bell Telephone Laboratories, Inc. Nonlinear PCM encoders. 3,175,212, 3–23–65, Cl. 340—348.
Miller, Raphael W. Pocket billiard training device. 3,220,122, 11–30–65, Cl. 35—29.
Miller, Ray R. and J. R., to J. A. Miller Tile Co. Clay drain tile manufacture. 3,197,530, 7–27–65, Cl. 264—67.
Miller, Raymond E., to International Business Machines Corp. Rectangular array cryogenic storage circuits using inhibitor logic. 3,183,491, 5–11–65, Cl. 340—173.1.
Miller, Raymond E., and J. P. Roth, to International Business Machines Corp. Inhibitor logic arrays. 3,175,197, 3–23–65, Cl. 340—173.1.
Miller, Raymond H., to Federal Products Corp. Multiscale electric meter having a slidable indicator plate positioned by a rotatable cam shaft. 3,209,257, 9–28–65, Cl. 324—115.
Miller, Raymond J., to J. I. Case Co. Parallel pipe-to-plate swivel conenctor. 3,188,119, 6–8–65, Cl. 285—136.
Miller, Raymond J., to J. I. Case Co. Hydraulic apparatus and method. 3,222,865, 12–14–65, Cl. 60—52.
Miller, Raymond J., and W. R. Smith, to Ford Motor Co. Adjustable steering column. 3,198,030, 8–3–65, Cl. 74—493.
Miller, Reuben, to United States Steel Corp. Nose for furnace tap-hole runner. 3,174,739, 3–23–65, Cl. 266—38.
Miller, Reuben, to United States Steel Corp. Prefabricated flooring and charging buggy trackway for open hearth furnaces. 3,199,855, 8–10–65, Cl. 266—13.
Miller, Rhys D. Wall mounted clothes cleaning vacuum appliance. 3,213,480, 10–26–65, Cl. 15—314.
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Miller, Richard H., and A. L. Streater, to General Electric Co. Automatic circuit recloser. 3,178,615, 4–13–65, Cl. 317—22.
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Miller, Robert W. Vehicle speed recording apparatus. 3,206,748, 9–14–65, Cl. 343—8.
Miller, Robert W., to Alaskaug, Inc. Earth auger with integral mounting for cutting members. 3,207,242, 9–21–65, Cl. 175—394
Miller, Robert W., and J. A. Schmitt, to The Dow Chemical Co. Process of preparing monochloroformates and process of preparing polycarbonates therefrom. 3,193,528, 7–6–65, Cl. 260—47.
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Miller, Solomon L., to Raytheon Co. Transistor. 3,220,896, 11–30–65, Cl. 148—33.5.
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Lindberg, John E., Jr., and Miller. 3,175,206.
Miller, Stewart E., to Bell Telephone Laboratories, Inc. Esaki diode PCM regenerator. 3,182,203, 5–4–65, Cl. 307—88.5.
Miller, Theodore A., to Unimed Inc. Plastic self-sealed valved container. 3,189,252, 6–15–65, Cl. 229—62.5.
Miller, Theodore A., and H. L. Fowler; said Fowler assor. to said Miller. Apparatus for making dipped articles from thermosetting material. 3,166,791, 1–26–65, Cl. 18—24.
Miller, Thomas A. Venting devices. 3,168,861, 2–9–65, Cl. 98—76.
Miller, Thomas C., to Royal Typewriter Co., Inc. Method for assembling components on printed circuit boards. 3,216,101, 11–9–65, Cl. 29—407.
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Duncan, Robert H., and Miller. 3,207,852.
Miller, Thomas P., and R. J. Duncan, to International Telephone and Telegraph Corp. Portable cordless switchboard. 3,177,293, 4–6–65, Cl. 179—27.
Miller, Thomas W., and P. V. Blankenship, to United States of America, Army. Water dry process for nitrocellulose. 3,180,860, 4–27–65, Cl. 260—223.
Miller Tilt-Top Trailer, Inc.: *See*—
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Brociner, Ronald E., and Miller. 3,186,102.
Miller, Wallace W. Drapery hanger. 3,173,183, 3–16–65, Cl. 24—86.
Miller, Walter C., and H. O. Schmitt, Jr., to Eastman Kodak Co. Camera cover lock and footage indicator mechanism. Re. 25,790, 6–1–65, Cl. 95—31.
Miller, Walter P.: *See*—
La Combe, Edward M., and Miller. 3,182,042.

Miller, Warren J.: *See*—
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Miller, Warren S., to Intermountain Research & Development Corp. Method of producing soda ash from trona. 3,189,408, 6–15–65, Cl. 23—63.

Miller, Wellington E., to Penberthy Lumber Co. Self-locking hinge. 3,221,805, 12–7–65, Cl. 160—229.

Miller, Wendell E., to The Cessna Aircraft Co. Pressure loaded fluid motor with high starting torque. 3,174,408, 3–23–65, Cl. 91—87.

Miller, Wendell E., to The Cessna Aircraft Co. Fluid motor with delayed pressure loading. 3,175,468, 3–30–65, Cl. 91—87.

Miller, Wendell S.: *See*—
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Miller, Wendell S. Electronic gang switching system. Re. 25,724, 2–9–65, Cl. 235—164.

Miller, Wendell S. Crossword puzzle. 3,174,753, 3–23–65, Cl. 273—157.

Miller, Wendell S. Apparatus and method for printing photographs with ultraviolet light. 3,185,065, 5–25–65, Cl. 95—73.

Miller, Wendell S. Ball delivery apparatus. 3,185,475, 5–25–65, Cl. 273—49.

Miller, Wendell S. Industrial truck with load supporting members for handling a plurality of stacked articles. 3,187,917, 6–8–65, Cl. 214—730.

Miller, Wendell S. Projection screen. 3,191,495, 6–29–65, Cl. 88—28.9.

Miller, Wendell S. Melting process for recovering bitumens from the earth. 3,191,679, 6–29–65, Cl. 166—39.

Miller, Wendell S. Heat operated engine. 3,192,705, 7–6–65, Cl. 60—27.

Miller, Wendell S. Keystone-distortion controlling system. 3,212,397, 10–19–65, Cl. 88—24.

Miller, Wendell S. Distortion free projection system. 3,212,398, 10–19–65, Cl. 88—24.

Miller, Wendell S. Radiation collecting devices. 3,217,702, 11–16–65, Cl. 126—270.

Miller, Wendell S. Rear projection screen. 3,218,924, 11–23–65, Cl. 88—28.93.

Miller, Wendell S. Radiation directing structure. 3,221,163, 11–30–65, Cl. 240—41.3.

Miller, Wesley L., to Monsanto Co. Novel solutions of poly-(acrylic anhydride) and poly-(methacrylic anhydride) polymers. 3,218,283, 11–16–65, Cl. 260—30.2.

Miller, Willard T.; ½ to Crawford Maddox. Adjustable temple members for spectacles and method of assembly. 3,189,912, 6–15–65, Cl. 351—118.

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Miller, William A., to Fairchild Stratos Corp. Distance measuring system with direct binary readout. 3,199,104, 8–3–65, Cl. 343—12.

Miller, William A., and K. H. Sandmeyer, to Harbison-Carborundum Corp. Fused refractory compositions. 3,188,219, 6–8–65, Cl. 106—59.

Miller, William B., and C. E. Bishop, to Celanese Corp. of America. Filaments. 3,169,089, 2–9–65, Cl. 161—177.

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Klees, Wililam B., Miller, and Sellenslagh. 3,210,478.

Miller, William F.: *See*—
Miller, William J. 3,171,405.

Miller, William G.: *See*—
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Miller, William H., A. J. Rideout, and T. K. Worthington, to International Business Machines Corp. Method of influencing minority carrier lifetime in the semiconductor body of a PN junction device. 3,195,218, 7–20–65, Cl. 29—25.3.

Miller, William I., to United States Pipe and Foundry Co. Sound detection system for blast furnaces. 3,209,344, 9–28–65, Cl. 340—239.

Miller, William J.; ⅛ each to W. F. Scheetz, and W. F. and J. H. Miller. Snow liquefying device. 3,171,405, 3–2–65, Cl. 126—343.5.

Miller, William J. Non-refillable closure for a bottle. 3,189,206, 6–15–65, Cl. 215—22.

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Miller, William L., and K. Negoro, to Continental Can Co., Inc. Rim shaping apparatus for plastic containers and method. 3,183,291, 5–11–65, Cl. 264—322.

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Miller, William R., to General Electric Co. Multiple output generator. 3,183,386, 5–11–65, Cl. 310—149.

Miller, William R., G. B. Anderson, and N. E. Bleck, to Farrel Corp. Burnishing lathe for axles. 3,165,814, 1–19–65, Cl. 29—90.

Miller, William R., W. J. Forward, and N. E. Bleck, to Farrel-Birmingham Co., Inc. Counterbalancing mechanism. 3,181,424, 5–4–65, Cl. 90—15.

Miller, William S., and H. M. Duckworth, to The Calico Printers Association, Ltd. Method of treating resin impregnated fibrous webs to prevent discoloration and resulting color stabilized webs. 3,198,652, 8–3–65, Cl. 117—62.1.

Miller, William W.: *See*—
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Miller Wrapping & Sealing Machine Co.: *See*—
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Millerbernd, Paul A. Fence posts. 3,173,662, 3–16–65, Cl. 256—52.

Milleron, Norman, and L. L. Levenson, to United States of America, Atomic Energy Commission. Diffusion pump. 3,224,665, 12–21–65, Cl. 230—101.

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Millet, David I. Fastening device with pivotal locking means. 3,188,905, 6–15–65, Cl. 85—84.

Millett, Michael, to Modern Telephones (Great Britain) Ltd. Two-way telephone systems with talk-listen switching. 3,189,690, 6–15–65, Cl. 179—81.

Milleville, Bertram J., to Rockwell Mfg. Co. Lubricating system for valve actuator. 3,226,081, 12–28–65, Cl. 251—355.

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Millican, Marcus L., to Schlumberger Well Surveying Corp. Method of investigating earth formations by determining the amounts of different types of fluids that may be present in the formations. 3,166,708, 1–19–65, Cl. 324—1.

Milligan, Charles L. Supercharger method and equipment. 3,178,882, 4–20–65, Cl. 60—13.

Milligan, Frederick H., and C. W. Hoyt, to Crown Zellerbach Canada Ltd. Method of changing the moisture content of wood. 3,199,213, 8–10–65, Cl. 34—13.8.

Milligan, James M. Helicopter rotor hubs. 3,204,700, 9–7–65, Cl. 170—160.16.

Milligan, James W., to Duncan Electric Co., Inc. Magnetizing method. 3,201,663, 8–17–65, Cl. 317—201.

Milligan, Neal P., and J. P. Burgess, to Tecumseh Products Co. Low loss thermoelectric heat exchanger. 3,216,204, 11–9–65, Cl. 62—3.

Milligan, Neal P., and J. P. Burgess, to Tecumseh Products Co. Low loss thermoelectric heat exchanger. 3,216,205, 11–9–65, Cl. 62—3.

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Millikan, Allen F., and G. W. Crosby, to The Pure Oil Co. Anti-wear lubricant composition. 3,175,973, 3–30–65, Cl. 252—46.6.

Milliken, Humphreys. Combustion products engine. 3,171,253, 3–2–65, Cl. 60—39.63.

Milliken Tetra Pak, A Division of Clemson Industries, Inc.: *See*—
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Millington, David E., to Joseph Lucas (Industries) Ltd. Semi-conductor controlled rectifier having turn-on and turn-off properties. 3,223,560, 12–14–65, Cl. 148—1.5.

Millipore Filter Corp.: *See*—
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Milliquet, Vladimir, to Patelhold Patentverwertungs-u. Elektro-Holding AG. Band-pass filter utilizing nested distributed-parameter resonators. 3,202,943, 8–24–65, Cl. 333—73.

Millis, Edwin G., and R. A. Shearer, to Texas Instruments Inc. Push-pull modulator with adjustable control means. 3,189,846, 6–15–65, Cl. 332—37.

Millis, Hugh L., Jr. General purpose parallel sequencing computer. 3,204,087, 8–31–65, Cl. 235—151.

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Millner, Tivadar, K. Fukker, K. Martin, and M. Dvorszky, to Egyesult Izzolampa es Villamossagi Reszvenytarsasag. Method of manufacturing electrical heating elements with improved aluminum oxide coating. 3,223,607, 12–14–65, Cl. 204—181.

Milloch, Robert L., to American Maize-Products Co. Method of treating and conditioning soil with a heat reaction product of starch granules and an alkali metal phosphate. 3,224,867, 12–21–65, Cl. 71—27.

Millot, Jean, and P. Mulot, to Commissariat a l'Energie Atomique. Fuel element handling device. 3,175,720, 3–30–65, Cl. 214—658.

Mills, Charles W., to W. R. Grace & Co. Power fluctuation protection apparatus. 3,214,640, 10–26–65, Cl. 317—31.

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Mills, Emmett R. Intermittent printing apparatus for paper bag and like machines. 3,177,806, 4–13–65, Cl. 101—228.
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Mills, George J., W. L. Dowler, and D. A. Gordon, to United States of America, Army. Propellant fuel containing magnesium aluminum alloy. 3,180,770, 4–27–65, Cl. 149—19.
Mills, Ivor W., to Sun Oil Co. Metal oxide polymerization catalysts. 3,182,048, 5–4–65, Cl. 260—93.7.
Mills, Ivor W., W. J. Stout, L. L. Yaeger, and J. N. Lipscombe, to Sun Oil Co. Process for foaming a mixture of asphalt and a copolymer of ethylene and vinyl acetate and product produced therefrom. 3,177,164, 4–6–65, Cl. 260—2.5.
Mills, Ivor W., and W. T. Harvey, to Sun Oil Co. Mixed-wax polyolefin non-flaking coating composition. 3,178,381, 4–13–65, Cl. 260—28.5.
Mills, Ivor W., and J. J. Melchiore, to Sun Oil Co. Purification of 2-methylnaphthalenes by selective oxidation of their isomers. 3,183,279, 5–11–65, Cl. 260—674.
Mills, Ivor W., and J. J. Melchiore, to Sun Oil Co. Fertilizer emulsions. 3,192,030, 6–29–65, Cl. 71—11.
Mills, Ivor W., and J. J. Melchiore, to Sun Oil Co. Preparation of metal deactivator from petroleum distillates. 3,196,102, 7–20–65, Cl. 208—46.
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Mills, Jack, to Eli Lilly and Co. 5-(3-bromopropylidene)dibenzo-[a,d]cyclohepta (1.4)diene. 3,189,657, 6–15–65, Cl. 260—649.
Mills, Jack, to Eli Lilly and Co. 2-phenyl-4,6-dichlorophenoxyethylamine and salts thereof. 3,213,140, 10–19–65, Cl. 260—570.7.
Mills, Jack, and R. W. Kattau, to Eli Lilly and Co. Cyclopropylamine aralkanone and aralkanol amine derivatives. 3,225,096, 12–21–65, Cl. 260—570.5.
Mills, Jack E., to North American Aviation, Inc. Apparatus and method for valve repair. 3,177,572, 4–13–65, Cl. 29—401.
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Mills, James S. Combined ashtray, napkin holder and trash receptacle. 3,179,254, 4–20–65, Cl. 211—51.
Mills, Jerome P., W. J. Cavanaugh, and H. W. Vehmeier, to J. Mills Tool & Die Co., Inc. Materials dispensing shower head device. 3,212,716, 10–19–65, Cl. 239—318.
Mills, John A. Machines having a movable work or tool supporting table. 3,183,782, 5–18–65, Cl. 90—58.
Mills, John K., to Bell Laboratories, Inc. Power converter using switching transistors driven by an inductance-timed feedback network. 3,179,901, 4–20–65, Cl. 331—113.
Mills, John K., to Bell Telephone Laboratories, Inc. Regulated power supply. 3,205,426, 9–7–65, Cl. 321—18.
Mills, Kenneth D., to Canadian Westinghouse Co. Ltd. Radar testing equipment. 3,199,107, 8–3–65, Cl. 343—17.7.
Mills, Kenneth D., and H. Webber, to Canadian Westinghouse Co. Ltd. Distributed radar target simulator. 3,214,758, 10–26–65, Cl. 343—17.7.
Mills, King L., to Phillips Petroleum Co. Hydrodealkylation of alkyl naphthalenes. 3,213,153, 10–19–65, Cl. 260—672.
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Mills, Robert L., to Metallurgical Resources, Inc. Pulsed tire pressure monitor. 3,178,686, 4–13–65, Cl. 340—58.
Mills, Thomas C., and F. K. Miyagawa, to Manning Mfg. Corp. Target apparatus. 3,185,830, 5–25–65, Cl. 240—6.41.
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Mills, Walter P., W. A. O'Neill, and R. Price, to Imperial Chemical Industries Ltd. Process for dyeing polypropylene and polyformaldehyde fibers containing zinc compounds with metallisable dyestuffs. 3,186,788, 6–1–65, Cl. 8—42.
Mills, Walter P., W. A. O'Neill, and R. Price, to Imperial Chemical Industries Ltd. Aftertreatment of dyed polypropylene fibers containing a metal compound with metal complexes. 3,203,752, 8–31–65, Cl. 8—75.
Mills, William C., to Celanese Corp. of America. Polymer purification. 3,200,059, 8–10–65, Cl. 204—186.
Mills, William J., II. Fabric cover for boats. 3,192,542, Cl. 9—1.
Millsap, Larry R., to North American Aviation, Inc. Quantizer producing digital-output whose polarity and repetition-rate are respectively determined by phase and amplitude of analog-input. 3,198,961, 8–3–65, Cl. 307—88.5.
Millson, Henry E., and J. Dammicci, to American Cyanamid Co. Dyeing assistant and leveling compositions. 3,167,517, 1–26–65, Cl. 252—353.
Millson, Henry E., E. J. Glaeser, and J. Dammicci, to American Cyanamid Co. Mixtures of cationic and non-ionic surfactants, chlorinated triphenylmethanes and tanning agents and union dyeing therewith. 3,179,483, 4–20–65, Cl. 8—21.
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Milne, John D. Combined coasters and card holders. 3,220,684, 11–30–65, Cl. 248—346.1.
Milne, John H., to Dredge Mfg. Corp. Separator for metals in liquid suspension. 3,168,466, 2–2–65, Cl. 210—94.
Milner, Consuelo S., to United States of America, Navy. Thermally stabilized crystal units. 3,201,621, 8–17–65, Cl. 310—8.9.
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Milnes, James A., to United States Steel Corp. System for indicating the liquid level in a continuous-casting mold or the like. 3,204,460, 9–7–65, Cl. 73—295.
Milnes, James A., and W. L. Roberts, to United States Steel Corp. Apparatus for determining the temperature of travelling strip. 3,186,226, 6–1–65, Cl. 73—339.
Milo, Joseph V. Combined gage and sampler device. 3,169,322, 2–16–65, Cl. 33—126.4.
Milo, Joseph V. Method of making a coupling and valve assembly. 3,178,805, 4–20–65, Cl. 29—157.1.
Milonas, Timothy S., and H. Woodsford; said Woodsford assor. to said Milonas. Fluid meter device. 3,181,729, 5–4–65, Cl. 222—36.
Milone, Charles R., and H. A. Pace, to The Goodyear Tire & Rubber Co. Process for producing improved polyurethane foams using an aroyl azide blowing agent. 3,190,844, 6–22–65, Cl. 260—2.5.
Milosch, Robert G. Golf marker and sign. 3,204,599, 9–7–65, Cl. 116—114.
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Pelzek, Victor J., and Miller. 3,192,287.
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Milroy, Richard A. Quiet flow regulator valve. 3,170,483, 2–23–65, Cl. 137—553.
Milroy, Warren E., to United States of America, Navy. Radar information recording system. 3,181,139, 4–27–65, Cl. 343—5.
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Swenson, Richard F., and Galbraith. 3,215,470.
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Milton, Robert M., to Union Carbide Corp. Zeolitic molecular sieves containing a platinum group metal in the inner adsorption region. 3,200,083, 8–10–65, Cl. 252—455.
Milton, Walter H., and P. W. Greubel, to Interchemical Corp. Roller for applying fountain solution in lithographic printing. 3,225,419, 12–28–65, Cl. 29—132.
Miltschitzky, Gustav, and W. Schindelin, to Wacker-Chemie G.m.b.H. Process for producing welding powders. 3,201,292, 8–17–65, Cl. 148—26.
Miltschitzky, Gustav, and W. Schindelin, to Wacker-Chemie G.m.b.H. Basic welding powders. 3,211,591, 10–12–65, Cl. 148—26.
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Roberts, James S. 3,198,966.
Roberts, James S. 3,198,967.

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Mimnaugh, Henry W., and T. Dragomir. Rubber hopper for grain loader. 3,203,532, 8–31–65, Cl. 198—64.
Mims, Lisso S.: *See*—
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Mims, Samuel S., to R. J. Reynolds Tobacco Co. Fused tricyclic lactones and their preparation. 3,185,708, 5–25–65, Cl. 260—343.2.
Mims, William D., to Sperry Rand Corp. Method for making traveling wave tubes. 3,208,126, 9–28–65, Cl. 29—25.15.
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Minami, Shusuke, to Kabushiki Kaisha Hitachi Seisakusho. Apparatus for thermal cracking of hydrocarbons. 3,192,018, 6–29–65, Cl. 23—262.
Minard, Everett S., to Chemetron Corp. Filling valve for easy mounting and dismounting from a filling machine. 3,176,731 4–6–65, Cl. 141—295.
Minard, Hubert C., to Bausch & Lomb Inc. Method of parfocalizing a set of interchangeable different power microscope objectives. 3,205,773, 9–14–65, Cl. 88—39.
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Minasian, Paul F. Apparatus for measurement of piling and the like in place. 3,209,177, 9–28–65, Cl. 310—8.3.
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Mindell, Marvin I., W. J. Reusch, Jr., and C. R. Embury, to Viewlex, Inc. Thermographic dry copying machine. 3,219,794, 11–23–65, Cl. 219—216.
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Minear, Lester. Pressurized dispenser assembly. 3,184,114, 5–18–65, Cl. 222—146.
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Mineck, Fred, to Jack G. Firestone. Air stream actuated limit switch. 3,193,640, 7–6–65, Cl. 200—81.9.
Minekawa, Saburo, S. Hoshino, A. Shibata, and N. Kominami, to Asahi Kasei Kogyo Kabushiki Kaisha. Catalytic production of acrylonitrile from a gaseous mixture containing propylene. 3,164,626, 1–5–65, Cl. 260—465.3.
Minekawa, Saburo, S. Hoshino, A. Shibata, and N. Kominami, to Asahi Kasei Kogyo Kabushiki Kaisha. Method for preparing unsaturated aliphatic nitriles. 3,164,627, 1–5–65, Cl. 260—465.3.
Minekawa, Saburo, S. Hoshino, A. Shibata, and N. Kominami, to Asahi Kasei Kogyo Kabushiki Kaisha. Method for preparing acrylonitrile. 3,164,628, 1–5–65, Cl. 260—465.3.
Mineke, Dale H. Mounting and front end drive for beet topper. 3,217,477, 11–16–65, Cl. 56—121.46.
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Burwell, Blair, and Robiette. 3,206,277.
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Minisci, Francesco, and R. Galli, to Montecatini Societa Generale per l'Industria Mineraria e Chimica. Process for preparing diazides. 3,187,020, 6–1–65, Cl. 260—349.
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Guenthner, Richard A. 3,207,730.
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Kende, George. 3,168,610.
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Liu, Chui Fan, and Evans. 3,169,933.
Lo, Elizabeth S. 3,178,399.
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Neher, Byron W. 3,198,110.
Pastor, Sheldon L. 3,169,032.
Pastor, Sheldon L. 3,218,397.
Pastor, Sheldon L., Claras, and Rom. 3,220,659.
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Haberkorn, Robert W. 3,189,360.
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Minnick, Charles E. Apparatus for gripping and pulling. 3,193,254, 7–6–65, Cl. 254—150.

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Minoura, Tadashi, and T. Komai. Polariscope for taking and printing photographs of stress trajectories and shear flow. 3,218,912, 11–23–65, Cl. 88—14.

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Minsk, Louis M., and E. P. Abel, to Eastman Kodak Co. Silver halide emulsions. 3,165,412, 1–12–65, Cl. 96—114.

Minsk, Louis M., and D. P. Brust, to Eastman Kodak Co. Photographic silver halide emulsions fog stabilized with copolymers of N,N-di-normal-butylacrylamide and acrylic acid. 3,178,295, 4–13–65, Cl. 96—114.

Minsk, Louis M., and D. P. Brust, to Eastman Kodak Co. Photographic gelatino-silver halide emulsions containing polymeric addenda to increase covering power. 3,178,296, 4–13–65, Cl. 96—114.

Minsk, Louis M., and H. L. Cohen, to Eastman Kodak Co. Non-light sensitive dye transfer receiving blanks and method of using them. 3,184,309, 5–18–65, Cl. 96—29.

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Clements, Albert. 3,212,430.
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Minter, Clarke C. Method and apparatus for thermodynamic treatment of fluids. 3,213,927, 10–26–65, Cl. 165—14.

Minton, Carl T., to CAH Industries, Inc. Waste receptacle fire-prevention closure. 3,182,727, 5–11–65, Cl. 169—2.

Minton, Robert, to Radio Corp. of America. Transistor circuitry having combined heat dissipating means. 3,226,564, 12–28–65, Cl. 307—88.5.

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Mintz, Martin, J. De Villier, and S. W. Zimmerman, to Thompson Ramo Wooldridge Inc. Polyphase control device. 3,165,671, 1–12–65, Cl. 317—27.

Mintz, Martin, and B. J. McComb, to TRW Inc. Voltage regulator employing a non-linear impedance and negative temperature coefficient impedance to prevent leakage current. 3,211,989, 10–12–65, Cl. 323—22.

Mintz, Milton S.: *See*—
Chen, William K.-W., and Mintz. 3,179,583.
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Chen, William K.-W., and Mintz. 3,219,573.
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Mintzer, Alfred I., to United States of America, Navy. Electronic acquisition electromechanical tracking radar system. 3,165,737, 1–12–65, Cl. 343—7.3.

Mintzer, Alfred I., to United States of America, Navy. Simplified aided tracking and coasting system. 3,166,703, 1–19–65, Cl. 318—327.

Mintzer, Alfred I., and A. J. Lisicky, to United States of America, Navy. Signal detection, thresholding and switching system. 3,197,771, 7–27–65, Cl. 343—7.3.

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Miotke, Harvey R. Golf ball tee handling tool. 3,206,197, 9–14–65, Cl. 273—33.

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Miranda, Thomas J., H. R. Herman, and T. F. Marcotte, to The O'Brien Corp. Polymeric compositons of terpolymers reacted with aminohydroxy compounds. 3,203,935, 8–31–65, Cl. 260—78.5.

Miranda, William. Slip pipe wrench with locking ring. 3,200,677, 8–17–65, Cl. 81—160.

Mirante, Arthur J., 3% each to P. Aurigemma, V. Di Luca, R. Masiruzzi, A. Di Tocco, M. Di Tocco, J. Cicero, J. De Giovanni, and V. J. Tirabasso, and 2% to G. Powell, Jr. Refrigeration systems. 3,172,270, 3–9–65, Cl. 62—116.

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Mire, Junius N., to Chase Bag Co. Means for permitting the continuous unwinding of thread from twister spools in a creel. 3,208,690, 9–28–65, Cl. 242—131.

Mireider, Edward J. Simulated fish catching game. 3,207,515, 9–21–65, Cl. 273—101.

Miret, Jaime R. Transformable multiple utility cot. 3,176,320, 4–6–65, Cl. 5—3.

Miret, Jaime R. Transformable multiple utility cot. 3,225,364, 12–28–65, Cl. 5—93.

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Mirviss, Stanley B., and E. J. Inchalik, to Esso Research and Engineering Co. Preparation of straight chain acids. Re. 25,797, 6–15–65, Cl. 260—540.

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Misawa, Mutsumi, to Seiko Denki Kogyo Kabushiki Kaisha. Intermittent film-feeding means for motion picture cameras. 3,195,146, 7–13–65, Cl. 352—196.

Misawa, Mutsumi, to Seiko Denki Kogyo Kabushiki Kaisha. Structure for starting and stopping a motion picture camera. 3,209,368, 9–28–65, Cl. 352—174.

Mischon, Lester, to The Singer Co. Dial drive for knitting machines. 3,222,889, 12–14–65, Cl. 66—28.

Miscovich, Helen M. Method of making a rosette for gift wrapped packages. 3,174,886, 3–23–65, Cl. 156—72.

Miscovich, John A., to John W. Stang Corp. Variable spray nozzle. 3,188,009, 6–8–65, Cl. 239—407.

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Mishcon, Lester, to The Singer Co. Yarn controlling device for knitting machines. 3,224,229, 12–21–65, Cl. 66—132.

Mishcon, Lester, to The Singer Co. Automatic stitch control. 3,225,570, Cl. 66—132.

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Mitchell Clyde R. and D. D., 1/10% to Gadget-of-The-Month Club, Inc. Mirror mounting and concealing means. 3,176,942, 4–6–65, Cl. 248—28.
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Mitchell, George A. Photographic camera with an adjustable semi-reflector for photographic film exposure. 3,198,102, 8–3–65, Cl. 95—64.
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Mitchell, George A., to Lombard Corp. Drawbench. 3,216,-234, 11–9–65, Cl. 72—288.
Mitchell, George A. Method and apparatus for producing a reflective rotating shutter. 3,224,148, 12–21–65, Cl. 51—328.
Mitchell, George A. Kinetograph movement driving mechanism. 3,224,656, 12–21–65, Cl. 226—57.
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Mitchell, Gerald T., and R. Cunningham, Jr., to Vapor Corp. Burner for a boiler. 3,185,202, 5–25–65, Cl. 158—4.
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Mitchell, Joseph R., and M. E. Potter, to United States Steel Corp. Heat treatment of chromium-free steel bearings. 3,194,698, 7–13–65, Cl. 148—134.
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Mittler, Martin A., S. Offerman, R. B. Pittman, and R. A. Rosenberg, to Industrial Electronic Hardware Corp. Multilayer circuitry with placed bushings. 3,212,049, 10–12–65, Cl. 339—18.
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Miyahara, Kingo. Compact instantaneous water heater. 3,190,283, 6–22–65, Cl. 126—359.
Miyakawa, Eizi. Multiple spindle drilling machine with adjustable spindles. 3,215,005, 11–2–65, Cl. 77—24.
Miyakawa, Shozo, T. Hasegawa, and Y. Sawada, to Yawata Iron and Steel Co. Ltd. Method of and apparatus for automatically controlling sintering machine. 3,211,441, 10–12–65, Cl. 266—21.
Miyake, Yasutomo, M. Suyama, T. Shinada, and K. Ito, to K. K. Kinsekisha Kenkyujo. Crystal-controlled transistor oscillator having minimum frequency deviation with temperature variation. 3,175,168, 3–23–65, Cl. 331—116.
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Miyamoto, Kenichi, Y. Aritomi, H. Ichida, and S. Irie, to Nitto Chemical Industry Co., Ltd. Process for the sulfation of higher alcohols. 3,172,901, 3–9–65, Cl. 260—459.
Miyasaka, Shiyu: *See*—
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Miyashiro, Richard T. Vehicle coil spring stiffener. 3,197,190, 7–27–65, Cl. 267—11.
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Mize, John L., ¼ to F. A. Caspar. Rack for multiple garbage and trash cans. 3,219,195, 11–23–65, Cl. 211—71.
Mizell, Louis R., C. G. Tewksbury, and J. P. Vitello, to The Gillette Co. Device for curling hair by suction. 3,213,859, 10–26–65, Cl. 132—7.
Mizell, Louis R., C. G. Tewksbury, and J. P. Vitello, to The Gillette Co. Suction operated hair curling apparatus. 3,213,860, 10–26–65, Cl. 132—34.
Mizelle, Ned W., to General Steel Products, Inc. Reclining chair fixture. 3,190,690, 6–22–65, Cl. 297—89.
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Mizuma, Noriaki, to Asahi Kasei Kogyo Kabushiki Kaisha. Method for the recovery of copper from a slurry containing the same. 3,207,577, 9–21–65, Cl. 23—125.
Mizuno, William G., to Economics Laboratory, Inc. Stable, solid chlorinated caustic product containing available chlorine and method of preparation thereof. 3,166,512, 1–19–65, Cl. 252—99.
Mizuno, William G., and T. M. Oberle, to Economics Laboratory, Inc. Stable detergent composition. 3,166,513, 1–19–65, Cl. 252—99.
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Mlavsky, Abraham I., and L. B. Griffiths, to Tyco Laboratories, Inc. Vacuum cleaning and vapor deposition of solvent material prior to effecting traveling solvent process. 3,205,101, 9–7–65, Cl. 148—171.
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Dickinson, Robert E., and Davis. 3,180,438.
Mobius, Hans-Eberhard. Production of cube texture in sheets and strips of silicon and/or aluminum containing iron alloys. 3,207,639, 9–21–65, Cl. 148—113.
Mobley, George A., to Milliken Tetra Pak, a division of Clemson Industries, Inc. Container. Re. 25,938, 12–7–65, Cl. 229—7.
Mobley, George A., to Milliken Tetra Pak, A Division of Clemson Industries, Inc. Container. 3,166,226, 1–19–65, Cl. 229—7.
Mochel, John M., to Corning Glass Works. Radiation filter with plural iridized metal oxide films. 3,202,054, 8–24–65, Cl. 88—106.
Mochel, Walter E., to E. I. du Pont de Nemours and Co. Photopolymerizable compositions and their polymerization. 3,196,098, 7–20–65, Cl. 204—158.

Mochida, Ei, N. Ogawa, and S. Komiya, to Mochida Seiyaku Kabushiki Kaisha. New esters of 1,3,5-estratriene-3,16,17-triol and novel pharmaceutical compositions containing new esters of 1,3,5-estratriene-3,16,17-triol and esters of 1,3,5-estratriene-3,16,17-triol. 3,166,473, 1–19–65, Cl. 167—58.

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Mock, Donald E., to Anjac Plastics, Inc. Buffer strip. 3,194,-396, 7–13–65, Cl. 206—60.

Mock, Donald E., and J. Banner, to Anjac Plastics, Inc. Guy guard. 3,177,986, 4–13–65, Cl. 189—31.5.

Mock, Frank C., to The Bendix Corp. Fuel injector system with smog inhibiting means. 3,181,520, 5–4–65, Cl. 123—139.

Mock, Frank C., to The Bendix Corp. Motive fluid control for a re-expansion gas turbine engine. 3,209,537, 10–5–65, Cl. 60—39.16.

Mock, Gene V., to E. I. du Pont de Nemours and Co. Process for the preparation of unsymmetrical dialkyl hydrazines. 3,187,051, 6–1–65, Cl. 260—583.

Mock, Leon R.: *See*—
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Magne, Frank C., Skau, and Mod. 3,219,664.
Skau, Evald L., Mod, and Magne. 3,219,612.
Skau, Evald L., Mod, and Magne. 3,219,614.
Skau, Evald L., Mod, and Magne. 3,219,659.
Skau, Evald L., Mod, and Magne. 3,222,203.

Mod, Robert R., E. L. Skau, S. P. Fore, F. C. Magne, A. F. Novak, H. P. Dupuy, J. R. Ortego, and M. J. Fisher, to United States of America, Agriculture. N-decanoyltetrahydroquinoline. 3,223,708, 12–14–65, Cl. 260—287.

Mod, William A., and C. W. Becker, to The Dow Chemical Co. Recovery of beryllium from bertrandite ore. 3,177,068, 4–6–65, Cl. 75—101.

Modavis, Fred A.: *See*—
Capen, Harold N., Modavis, and Vallese. 3,204,186.

Modder, Otto, to Siemag Siegener Maschinenbau G.m.b.H. Gauge for a saw or the like. 3,178,982, 4–20–65, Cl. 83—467.

Modder, Otto, to Siegener Maschinenbau G.m.b.H. Apparatus for changing the position of wire or strip coils and similar bodies. 3,212,619, 10–19–65, Cl. 198—25.

Modderno, John P., to Modern-Lab., Inc. Pressurized dispensing device. 3,172,568, 3–9–65, Cl. 222—80.

Modeen, James H.: *See*—
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Model Builders, Inc.: *See*—
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Model Engineering & Mfg. Corp.: *See*—
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Model, Ernst: *See*—
Bindler, Jakob, and Model. 3,223,547.
Bindler, Jakob, and Model. 3,223,582.
Bindler, Jakob, Model, and Zinkernagel. 3,190,797.

Model, Ernst, W. Stammbach, and J. Bindler, to Geigy Chemical Corp. Bactericidal and fungicidal combination of 2-imino imidazolines or hexahydropyrimidine and N,N'-diphenyl urea. 3,211,607, 10–12–65, Cl. 167—30.

Model Vending Controls, Inc.: *See*—
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Modeline Co. of California, Inc.: *See*—
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Modelli, Renato: *See*—
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Modern Album and Finishing, Inc.: *See*—
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Modern Controls Corp., The: *See*—
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Di Leo, Vincent F., and Roden. 3,214,310.

Modern Faucet Mfg. Co.: *See*—
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Modern Millinery Box Corp.: *See*—
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Modern Shoe Making Machine Corp.: *See*—
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Simpson, Arthur I. F. 3,189,691.

Modern Toy, Inc.: *See*—
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Modernair Corp.: *See*—
Brandenberg, Karl A. 3,196,890.
Brandenberg, Karl A., and Bart. 3,185,177.
Brandenberg, Karl A., and Bart. 3,197,172.
Brandenberg, Karl A., and Carels. 3,175,581.

Modesti, James N. Circular wing flying craft. 3,199,809, 8–10–65, Cl. 244—12.

Modiano, Jacques, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acieres Electriques d'Ugine. Method of preparing a tin oxide-antimony oxide catalyst and the product thereof. 3,210,295, 10–5–65, Cl. 252—461.

Modic, Frank J., to General Electric Co. Solventless liquid organopolysiloxane encapsulating compositions. 3,205,283, 9–7–65, Cl. 260—825.

Modine, Arthur B., to Modine Mfg. Co. Method of forming a sheet metal fin strip element for heat exchange structures. 3,167,046, 1–26–65, Cl. 113—118.

Modine, Arthur B. Method and apparatus forming serpentine fins. 3,191,418, 6–29–65, Cl. 72—187.

Modine Mfg. Co.: *See*—
Barkley, Howard J. 3,173,481.
Hilicki, Edwin J. 3,213,931.
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Simpelaar, Clyde S. 3,190,352.
Simpelaar, Clyde S. 3,223,153.

Modloff, Jay T., and B. J. Sayers, to De Kalb Commercial Body Corp. Truss and materials handling trailer. 3,221,-911, 12–7–65, Cl. 214—505.

Modney, William, to Eastman Kodak Co. Photoelectric discriminator. 3,174,079, 3–16–65, Cl. 317—127.

Modrey, Henry J. Shaft bearing. 3,185,531, 5–25–65, Cl. 308—4.

Modrey, Henry J., to Norco, Inc. Shackle coupling. 3,186,-055, 6–1–65, Cl. 24—241.

Modrey, Henry J. Latch for doors, window sashes and similar structures. 3,214,948, 11–2–65, Cl. 70—99.

Modrey, Henry J. Tape-threading and reel-locking device for a tape reel. 3,220,665, 11–30–65, Cl. 242—74.1.

Modrey, Henry J., and L. Lerick. Fastener with spring biased wedges. 3,215,027, 11–2–65, Cl. 85—79.

Modrin, Louis, to L'Auxiliaire de l'Industrie et des Mines "Auxim." Cocks and the like fluid distributors, chiefly those controlling the pneumatic braking of vehicles. 3,186,436, 6–1–65, Cl. 137—625.22.

Modrowsky, Fred P., and H. G. Anastasia, to The Bendix Corp. Fluid pressure sensing mechanism operatively arranged to compensate for changing environmental conditions. 3,165,-682, 1–12–65, Cl. 318—32.

Moe, Lowell A.: *See*—
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Moe, Lowell A., to F. H. Peavey & Co. Reactance test cell. 3,188,538, 6–8–65, Cl. 317—246.

Moe, Lowell A., to F. H. Peavey and Co. Testing apparatus and method for measuring dielectric constant of materials by null-balancing a tuned oscillator to a standard radio frequency. 3,226,635, 12–28–65, Cl. 324—61.

Moebius, Frederick C., to Teletype Corp. Inking ribbon guide mechanism. 3,170,035, 2–16–65, Cl. 178—42.

Moeck, Hermann. Recorder. 3,178,986, 4–20–65, Cl. 84—384.

Moeller, Alvin W.: *See*—
Dantzig, Henry P., Moeller, and Shelor. 3,215,957.

Moeller, August, to Farbwerke Hoechst Aktiengesellschaft vormals Meisters Lucius & Bruning. Process for preparing pulverulent hydrates of zinc nitrate. 3,206,281, 9–14–65, Cl. 23—102.

Moeller, Douglas E.: *See*—
Erbe, Alfred R., and Moeller. 3,196,939.

Moeller, Douglas E., to Sanders Associates, Inc. Frequency storage circuit and method. 3,218,561, 11–16–65, Cl. 328—121.

Moeller, Kurt G. F. Thermoelectric generator with heat transfer and thermal expansion adaptor. 3,183,121, 5–11–65, Cl. 136—4.

Moeller & Neumann G.m.b.H.: *See*—
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Moeller & Neumann O. H. G., Verwaltungsgesellschaft: *See*—
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Moeller, Roger D.: *See*—
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Moeller, Roger D., to North American Aviation, Inc. Aluminum-containing diffusion coating for metals. 3,220,876, 11–30–65, Cl. 117—114.

Moeller, Ronald P., to Goodman Mfg. Co. Adjustable screen cloth stretcher. 3,219,065, 11–23–65, Cl. 140—108.

Moeller, Warren H.: *See*—
Ehrhardt, Charles H., Moeller, and Grubb. 3,176,128.

Moelter, Gregory M.: *See*—
Riley, Jesse L., Santangelo, and Moelter. 3,209,402.

Moeltzer, Wilhelm, to Peltzer & Ehlers Maschinenfabrik, Firma. Machines for chamfering elements such as screws and bolts. 3,210,786, 10–12–65, Cl. 10—21.

Moen, Alfred M. Balanced mixing valve cartridge. Re. 25,920, 11–30–65, Cl. 137—454.2.

Moen, Alfred M. Divider assembly for mixing valve. 3,165,-118, 1–12–65, Cl. 137—625.4.

Moen, Alfred M. Method of installing faucet. 3,167,855, 2–2–65, Cl. 29—157.

Moen, Alfred M. Anti-scald valve assembly. 3,192,939, 7–6–65, Cl. 137—100.

Moen, Alfred M. Cartridge ball valve. 3,192,943, 7–6–65, Cl. 137—315.

Moen, Alfred M. Diverter for use in faucets. 3,204,654, 9–7–65, Cl. 137—119.
Moen, Alfred M. Valve cartridge. 3,204,656, 9–7–65, Cl. 137—454.2.
Moening, Robert J., to Sylvania Electric Products Inc. Leakage inhibiting supporting structure. 3,223,772, 12–14–65, Cl. 174—17.05.
Moenus A.G., Maschinenfabrik: *See*—
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Moergeli, Eduard, to Ciba Ltd. Anthraquinone vat dyestuffs of the phthaloylacridone series. 3,164,592, 1–5–65, Cl. 260—249.
Moergeli, Eduard, to Ciba Ltd. Anthraquinone vat dyestuffs of the pythaloyacridone series. 3,164,593, 1–5–65, Cl. 260—249.
Moericke, Dieter W., to Nordberg Mfg. Co. Drive arrangement for track working machines and the like. 3,209,871, 10–5–65, Cl. 192—.096.
Moerkens, Jozef, and H. C. Schellekens, to North American Philips Co., Inc. Device for adjusting the power consumption of gaseous and/or vapour-discharge lamps. 3,178,610, 4–13–65, Cl. 315—244.
Moerkens, Jozef C., to North American Philips Co., Inc. Ballast device and circuit for gas discharge lamps. 3,200,290, 8–10–65, Cl. 315—99.
Moersch, George W., and W. A. Neuklis, to Parke, Davis & Co. Amine compounds and methods for their production. 3,213,116, 10–19–65, Cl. 260—397.4.
Moessner, Frank G., and A. B. Zion, to Dominion Lock Co. Ltd. Automatic control system for key duplicating machines and the like. 3,196,750, 7–27–65, Cl. 90—13.05.
Moessner, Robert: *See*—
Gwinner, Hans E., and Moessner. 3,165,884.
Moest, Rupert R., to Bell Telephone Laboratories, Inc. Epitaxial growth of binary semiconductors. 3,178,313, 4–13–65, Cl. 117—201.
Moetz, James R.: *See*—
Hydorn, Allan E., Korzun, and Moetz. 3,165,541.
Moffat, Robert J.: *See*—
Bubniak, William C., Moffat, and Mondt. 3,181,603.
Moffat, Robert J., to General Motors Corp. Temperature-compensated regenerator seal. 3,180,402, 4–27–65, Cl. 165—9.
Moffat, Walter G., and R. Carson, to Rhoanglo Mine Services Ltd. Method of X-ray spectographic analysis of a mixture of solid particles and liquid. 3,204,097, 8–31–65, Cl. 250—51.5.
Moffett, David R.: *See*—
Doyle, Arnold W., Moffett, and Vonnegut. 3,210,007.
Moffett, Juanita L.: *See*—
Armstrong, Arthur R. 3,190,035.
Moffett, Robert B., to The Upjohn Co. Pyridylcoumarins. 3,201,406, 8–17–65, Cl. 260—295.
Moffitt, Merritt L., Jr. Flag holder. 3,183,886, 5–18–65, Cl. 116—173.
Moffitt, Roy B., to Royall B. Moffitt, and Harrison E. McCandlish. Ceramic building units. 3,199,992, 8–10–65, Cl. 106—39.
Moffitt, Roy M., Co., The: *See*—
Seedorf, Robert R. 3,192,648.
Moffitt, Royall B.: *See*—
Moffitt, Roy B. 3,199,992.
Mogayzel, William W., to Draper Corp. Loom shuttle. 3,181,572, 5–4–65, Cl. 139—207.
Mogensen, Sten: *See*—
Dalen, Sten G., and Mogensen. 3,189,474.
Mogestad, Folke T., and R. N. A. Thysk, to Telefonaktiebolaget L M Ericsson. Block terminal. 3,188,604, 6–8–65, Cl. 339—198.
Mogestad, Folke T., A. O. Jörgensen, and R. N. A. Thysk. Wiring tool. 3,194,280, 7–13–65, Cl. 140—93.
Moggio, William A.: *See*—
Baymiller, John W., and Moggio. 3,196,478.
Mogi, Noboru: *See*—
Takahashi, Akira, Mogi, and Takahama. 3,213,149.
Mogilner, George S. Diathermy machine. 3,183,912, 5–18–65, Cl. 128—421.
Mogk, Karl J., S. P. Nordling, C. A. Ramsel, and G. D. Rohweder, to Caterpillar Tractor Co. Fluid-actuated rotating clutch. 3,217,851, 11–16–65, Cl. 192—85.
Mogolis, Bruce W., to Bruce Machining & Engineering, Inc. Stock handling apparatus. 3,203,608, 8–31–65, Cl. 226—124.
Mohan, Raam R.: *See*—
Kronish, Donald P., and Mohan. 3,164,533.
Mohan, William L., Jr.: *See*—
Willits, Samuel P., and Mohan. 3,220,569.
Mohan, William L., Jr., to Chicago Aerial Industries, Inc. Flight path modulator. 3,215,053, 11–2–65, Cl. 95—12.5.
Mohasco Industries, Inc.: *See*—
Chapman, Dave. 3,165,165.
Mohaupt, Henry H., to Petroleum Tool Research, Inc. Method of stimulating well production by explosive-induced hydraulic fracturing of productive formation. 3,174,545, 3–23–65, Cl. 166—36.
Mohawk Precision Corp.: *See*—
Von Herrmann, Pieter. 3,168,954.
Moherg, Frank. Sheet material cutting apparatus. 3,199,860, 8–10–65, Cl. 269—87.2.
Mohler, Lucien L.: *See*—
Cognet, Firmin E. A., and Mohler. 3,221,097.
Mohl, Fred W. Game board for solitaire. 3,224,780, 12–21–65, Cl. 273—148.
Mohlan, John W., and E. L. Ghormley, to Struthers Scientific and International Corp. Heated weir in a refrigeration tank. 3,205,672, 9–14–65, Cl. 62—58.
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Mohlman, John W., and N. S. Davis, to Struthers Scientific and International Corp. Removing refrigerant contaminants and dissolved gases in a fractional crystallization process. 3,183,679, 5–18–65, Cl. 62—58.
Mohney, Franklin W., to The Singer Co. Sewing machine stands with electric switch box. 3,226,174, 12–28–65, Cl. 312—253.
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Mohr, Milton E., to Bell Telephone Laboratories, Inc. Signal transmission with secrecy. 3,188,390, 6–8–65, Cl. 179—1.5.
Mohr, Milton E., to Bell Telephone Laboratories, Inc. Impulse producing circuit. 3,223,931, 12–14–65, Cl. 328—154.
Mohr, Robert G., to Brunswick Corp. Leg and chassis structure. 3,219,403, 11–23–65, Cl. 312—255.
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Mohs, Bruce B. Sidecar for a bicycle. 3,186,732, 6–1–65, Cl. 280—203.
Moio, Anthony. Cake box. 3,212,696, 10–19–65, Cl. 229—23.
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Moise, Robert B. Button device. 3,186,050, 6–1–65, Cl. 24—105.
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Mole, Philip J. Illuminating device for producing varied color effect. 3,179,791, 4–20–65, Cl. 240—10.1.
Molella, Filbert A. Method of and apparatus for fabricating metallic strips. 3,222,908, 12–14–65, Cl. 72—299.
Molen, Orbin C. Methods of applying decorative strips to tire sidewalls. 3,218,208, 11–16–65, Cl. 156—116.
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Molins, Desmond W., to Molins Machine Co. Ltd. Method of and apparatus for feeding cut tobacco in a machine for making tobacco products. 3,189,034, 6–15–65, Cl. 131—84.
Molins, Desmond W., to The Molins Organisation Ltd. Method of treating tobacco for producing a tobacco for producing a tobacco article. 3,219,042, 11–23–65, Cl. 131—140.
Molins, Desmond W., and T. Rowlands, to Molins Machine Co. Ltd. Apparatus for handling rod-like articles such as cigarettes. 3,166,179, 1–19–65, Cl. 198—34.
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Molitor, Arvid A. Rotary solenoid having a stepped output. 3,164,732, 1–5–65, Cl. 310—37.
Molitor, David A. Rotary solenoid. 3,164,733, 1–5–65, Cl. 310—37.
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Mollard, Paul, and G. Turpin, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acieries Electriques d'Ugine. Process for recovering fluorine. 3,198,600, 8–3–65, Cl. 23—88.
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Moller, Bynum W. Trailer-garage for golf buggies. 3,180,510, 4–27–65, Cl. 214—506.
Moller, Frederik A., C. Kool, H. Martinus, and H. Kliphuis, to W. A. Scholten's Chemische Fabrieken N.V. Water-in-oil emulsions. 3,206,410, 9–14–65, Cl. 252—309.
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Moller, Waldemar, to Bodenseewerk Perkin-Elmer & Co., G.m.b.H. Test device for flight controls. 3,188,852, 6–15–65, Cl. 73—1.
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Mollinga, Thomas, to Burroughs Corp. Wide band amplifier with adjustable D.C. output level. 3,214,706, 10–26–65, Cl. 330—22.
Mollinga, Thomas, to Burroughs Corp. Signal converter. 3,218,444, 11–16–65, Cl. 235—183.
Mollon, Leslie, to Brooks & Perkins, Inc. Pallet locking mechanism. 3,182,608, 5–11–65, Cl. 105—366.
Molly, Hans. Hydraulic machine of axial piston type. 3,175,363, 3–30–65, Cl. 60—53.
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Molnar, Martin A., to The Dow Chemical Co. Impact extrusion process. 3,196,648, 7–27–65, Cl. 72—38.
Molnar, Robert J., and W. Parfomak, to The Bendix Corp. Quadrature rejection circuit. 3,223,848, 12–14–65, Cl. 307—88.5.
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Miller, Eugene M., and Kelley. 3,219,781.
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Sievers, Carl J., and Houston. 3,195,089.
Moloney, James V. Adjustable delivery automatic stock feeder. 3,180,315, 4–27–65, Cl. 119—51.11.
Moloney, Mark E., to Canadian General Electric Co., Ltd. Electrical connector. 3,181,111, 4–27–65, Cl. 339—244.
Molotzak, George C. Boat with horizontal bow divider. 3,216,390, 11–9–65, Cl. 114—66.5.
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Molt, Kenneth R., I. Hechenbleikner, and O. A. Homberg, to Carlisle Chemical Works, Inc. Sulfur-containing organosilicon esters as polyolefin stabilizers. 3,208,966, 9–28–65, Cl. 260—45.8.
Moltchan, Floyd J. Rotary air pump. 3,185,385, 5–25–65, Cl. 230—137.
Molter, Fred C., Sr. Equalized trailer tow bar assembly. 3,180,657, 4–27–65, Cl. 280—489.
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Momberg, James W., and E. W. Taylor, to The Singer Mfg. Co. Speed-regulating control systems for series commutator motors. 3,171,074, 2–23–65, Cl. 318—246.
Momberg, James W., and E. W. Taylor, to The Singer Mfg. Co. Motor speed control by space transmission of electromagnetic energy. 3,218,530, 11–16–65, Cl. 318—16.
Mommaerts, Henri, to UCB (Union Chimique-Chemische Bedrijven), S.A. Apparatus for the continuous polymerization of vinyl monomers. 3,210,163, 10–5–65, Cl. 23—285.
Mommsen, Adalph C., to Metal-Matic, Inc. Lock assemblage for adjustable leg rest. 3,189,385, 6–15–65, Cl. 297—429.
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Monaghan, Richard P. Method of forming a teeth protector. 3,224,441, 12–21–65, Cl. 128—136.
Monaghan, Richard P. Teeth protector and method of forming same. 3,224,443, 12–21–65, Cl. 128—136.
Monagle, John J., Jr., to E. I. du Pont de Nemours and Co. Monoazo fiber reactive dyes. 3,222,352, 12–7–65, Cl. 260—157.
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Mondt, James R., to General Motors Corp. Labyrinth stiffener. 3,186,479, 6–1–65, Cl. 165—10.
Mondt, James R., to General Motors Corp. Rotary regenerator having belt drive. 3,187,803, 6–8–65, Cl. 165—6.
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Monett, Edward. Method of producing a rimmed diaphragm. 3,169,894, 2–16–65, Cl. 156—185.
Money, Fred B., to The Baldt Anchor, Chain & Forge Division of Boston Metals Co. Method for producing integral studs in link anchor-chain by projection welding. 3,222,861, 12–14–65, Cl. 59—35.
Moneypenny, Harold K., and R. Kitchener, to G.K.N. Group Services Ltd. Electronic outline follower and reject system. 3,173,015, 3–9–65, Cl. 250—217.
Moneypenny, Nelson N. Switching device for automatically controlling woven label cutting machines or the like. 3,174,005, 3–16–65, Cl. 200—61.13.
Monforte, Frank R., and F. J. Schnettler, to Bell Telephone Laboratories, Inc. Ferrite compositions and method of manufacture. 3,226,327, 12–28–65, Cl. 252—62.5.
Mongeon, Robert J., and A. W. Penney, Jr., to United Aircraft Corp. High speed camera. 3,207,944, 9–21–65, Cl. 315—10.
Mongeon, Ronald W., to Sperry Rand Corp. Compact microwave assembly for accomplishing frequency conversion in electromagnetic wave transmitting and receiving system. 3,197,703, 7–27–65, Cl. 325—24.
Mongitore, Pietro. Pistons with ball and socket connecting rod joint. 3,173,344, 3–16–65, Cl. 92—187.
Mongodin, Guy, to Societe de Construction d' une Usine de Separation Isotopique. Sealed flange joints for pipe lines. 3,214,203, 10–26–65, Cl. 285—414.
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Simmons, Lovel R., Travis, Ogletree, and Monk. 3,225,851.
Simmons, Lovel R., Travis, Ogletree, and Monk. 3,225,852.
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Montague, Hill, III, J. S. Gerig, and G. E. Hoffmann, to Scope, Inc. Detector for varying carrier frequency signals. 3,220,-003. 11–23–65, Cl. 343—17.2.

Montalvo, Emanuel, and A. C. Sanders, to United States of America, Navy. Binary to digital readout azimuth gating. 3,165,736, 1–12–65, Cl. 343—6.5.

Montana, Alfred L., to United States of America, Army. Firing mechanism with integral safety. 3,200,709, 8–17–65, Cl. 89—142.

Montandraud, Jean, to Societe d'Applications Chimiques d'Etudes & de Recherches (S.A.C.E.R.). Medicinal compositions having an antalgic action. 3,172,809, 3–9–65, Cl. 167—65.

Montani, Angelo, to Sperry Rand Corp., Ford Instrument Co. Division. Apparatus for reducing brightness variation using photochromic material. 3,225,138, 12–21–65, Cl. 178—7.2.

Monte, Matthew S. : *See*—
Fiore, Joseph V., Hooper, Monte, Moshy, and Schmidt. 3,185,162.

Montean, John, Jr., to The Lees-Bradner Co. Vibration damping means for driven shafts. 3,167,999, 2–2–65, Cl. 90—4.

Montecatini Societa Generale per l'Industria Mineraria e Chimica : *See*—
Bazzarin, Pietro. 3,164,641.
Bezzi, Silvio, Galiazzo and Bandel. 3,226,366.
Billi, Walter. 3,183,680.
Billi, Walter. 3,201,204.
Billi, Walter. 3,220,803.
Bondi, Enrico. 3,172,887.
Bonvicini, Alberto, and Caldo. 3,182,105.
Bua, Ettore, Malatesta, and Negromanti. 3,208,989.
Caldo, Cornelio. 3,193,520.
Caldo, Cornelio. 3,203,942.
Caldo, Cornelio. 3,210,317.
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Cappuccio, Vittorio. 3,195,975.
Cappuccio, Vittorio, and Corso. 3,215,487.
Cernia, Enrico, and Bonvicini. 3,166,607.
Chiusoli, Gian P. 3,172,875.
Chiusoli, Gian P., and Merzoni. 3,203,978.
Costabello, Dino, Merli, Alorno, and Boffa. 3,183,269.
Costabello, Dino, Minisci, Boffa, and Belvedere. 3,205,-260.

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Falcone, Luigi, and Scalari. 3,169,103.
Greco, Guido. 3,194,264.
Luciani, Luciano, Manaresi, and Bianchi. 3,219,622.
Mantovanello, Giovanni. 3,186,927.
Marullo, Gerlando, Cadorin, Maggiore, and Veronica. 3,207,576.
Marullo, Gerlando, Costabello, and Boffa. 3,202,713.
Marullo, Gerlando, Maffezzoni, and Susa. 3,182,051.
Marullo, Gerlando, and Veronica. 3,210,153.
Mazzanti, Giorgio, Longi, Bernardini, and Natta. 3,208,-986.
Minisci, Francesco, and Galli. 3,187,020.
Monaci, Avito, and Lazzari. 3,223,472.
Moretti, Giorgio, and Turchi. 3,196,187.
Mugno, Michele. 3,178,336.
Natta, Giulio, Beati, and Severini. 3,211,809.
Natta, Giulio, and Crespi. 3,175,999.
Natta, Giulio, Crespi, and Borsini. 3,166,608.
Natta, Giulio, Crespi, and Bruzzone. 3,179,715.
Natta, Giulio, Crespi, and Bruzzone. 3,194,849.
Natta, Giulio, Crespi, and Bruzzone. 3,198,778.
Natta, Giulio, Mazzanti, Longi, and Bernardini. 3,223,686.
Natta, Giulio, Mazzanti, Longi, Dall'Asta, and Bernardini. 3,182,045.
Natta, Giulio, Mazzanti, Longi, and Sempio. 3,208,983.
Natta, Giulio, Pino, and Lorenzi. 3,193,544.
Natta, Giulio, Pino, and Mazzanti. 3,197,452.
Pedretti, Giovanni, and Corbelli. 3,198,868.
Peri, Cesare A. 3,201,442.
Pinamonti, Franco, and Maccone. 3,197,362.
Ragazzini, Mario, and Magri. 3,178,400.
Rossi, Giorgio. 3,180,791.
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Serra, Renato, and Giachetti. 3,189,591.
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Traina, Francesco. 3,198,753.
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Zanaboni, Piero, and Barbensi. 3,218,299.
Zorzenoni, Guglielmo. 3,192,140.

Montegani, Anthony L., and H. Ounapuu, to McGraw-Edison Co. Conductor spacer. 3,176,061, 3–30–65, Cl. 174—40.

Monteil, Marcel : *See*—
Lemesle, Georges, Martin, Monteil, Roche, and Rouge. 3,179,266.
Lemesle, Georges, Martin, Monteil, Roche, and Rouge. 3,196,082.

Monteil, Vernon H., and G. Misko, to North American Aviation, Inc. Polymer processing. 3,171,870, 3–2–65, Cl. 264—3.

Montemurro, P. L. : *See*—
Simison, Jack H. 3,166,871.

Montenare, Anthony. Pneumatically cushioned bumper. 3,203,723, 8–31–65, Cl. 293—89.

Montesano, Lewis, to Bell Telephone Laboratories, Inc. Method of curing epoxy and polyester resins. 3,218,273, 11–16–65, Cl. 260—2.5.

Montese-Caruso, Guiseppe, and E. Bussi. Watchcase. 3,199,-285, 8–10–65, Cl. 58—88.

Montesi, Robert P., to Clayton Mark & Co. Ball valves. 3,182,952, 5–11–65, Cl. 251—148.

Montesi, Robert P., to Clayton Mark & Co. Balanced ball valve. 3,182,953, 5–11–65, Cl. 251—175.

Montevecchio Societa Italiana del Piombo e dello Zinco : *See*—
Scacciati, Giovanni. 3,200,055.

Montgaillard, Jean, to CSF-Compagnie Generale de Telegraphie Sans Fil. Cathode structure. 3,215,885, 11–2–65, Cl. 313—270.

Montgomerie, George A., and R. Harwood, to Serck Radiators Ltd. Variable pitch fans. 3,219,122, 11–23–65, Cl. 170—160.51.

Montgomery & Co., Inc. : *See*—
Linley, Francis M., Jr. 3,170,337.

Montgomery, Donald. Bath tub stools. 3,196,465, 7–27–65, Cl. 4—185.

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Montgomery, Jesse S., and Hutton. 3,215,010.

Montgomery, George F., to United States of America, Commerce. Rectified alternating-current converter. 3,177,421, 4–6–65, Cl. 321—15.

Montgomery, James B., and W. T. Sparrow, to Newport News Shipbuilding and Dry Dock Co. Boom heel support. 3,210,-103, 10–5–65, Cl. 287—21.

Montgomery, James W. Rope catch and bucket ear for fruit picker's bucket. 3,176,873, 4–6–65, Cl. 220—91.

Montgomery, Jesse S., and W. C. Hutton, to Montgomery Drilling Co. Tong die. 3,215,010, 11–2–65, Cl. 81—186.

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Montgomery, John Y. C. : *See*—
Kerr, Andrew G., and Montgomery. 3,205,428.

Montgomery, Orin C., to Phillips Petroleum Co. Automatic camera. 3,187,336, 6–1–65, Cl. 346—109.

Montgomery, Orin C., to Phillips Petroleum Co. Bed and cylinder traveling roller sequential prints. 3,215,067, 11–2–65, Cl. 101—91.

Montgomery, Rayner A. : *See*—
Kilmer, Earl E., and Montgomery. 3,184,097.

Montgomery, William A. : *See*—
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Montgomery, William A., to United States Pipe and Foundry Co. Centrifugal casting apparatus. 3,181,210, 5–4–6, Cl. 22—65.
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Saunders, Kenneth W., Montgomery, and French. 3,167,581.
Saunders, Kenneth W., Montgomery, and French. 3,167,582.
Monti, Angelo, to Jarrow Products, Inc. Gasket assembly for refrigerator door and the like. 3,226,367, 12–28–65, Cl. 20—69.
Monticelli, Giulio. Appliance for the quick and rational preparation of a coffee beverage. 3,218,956, 11–23–65, Cl. 99—302.
Monticello Mfg. Corp.: *See*—
Melvin, James M. 3,183,862.
Montner, Joseph: *See*—
Flanders, Andrew E., and Montner. 3,218,545.
Montone, Liber J.: *See*—
Embree, Milton L., and Montone. 3,201,690.
Montoya, Jonas L., to Chicago Matrix Corp. Apparatus for forming decorative bows. 3,193,162, 7–6–65, Cl. 223—46.
Montoya, Paul D., C. E. Jackson, and B. P. Neumon. Magnetic electrical contacts having a nonmagnetic sector therein. 3,218,426, 11–16–65, Cl. 200—166.
Montpeat, Ramon R. Actuating device for injection plungers. 3,166,793, 1–26–65, Cl. 18—30.
Montres Octo S.A.: *See*—
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Montross, Robert C., to Square D Co. Device for detecting the proximity of metal objects. 3,209,292, 9–28–65, Cl. 336—96.
Montroy, Kenneth, and L. E. Cotter. Stepping switch warning system. 3,202,966, 8–24–65, Cl. 340—164.
Montroy, Kenneth, and L. E. Cotter. All relay warning system. 3,204,222, 8–31–65, Cl. 340—167.
Montuori, Enrico. Valve with nonrotating valve stem. 3,204,925, 9–7–65, Cl. 251—274.
Mo Och Domsjo Aktiebolag: *See*—
Ericson, Bernt S. J. 3,215,549.
Matell, Paul M. T. 3,168,569.
Moren, Rolf E. 3,179,523.
Morén, Rolf E. 3,196,595.
Mood, Elmer. Stake making machine. 3,190,325, 6–22–65, Cl. 144—30.
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Moodie, Ernest W., M. R. Holman, and H. I. Stanback, to Square D Co. Bus duct with particular housing, insulation, and bus bars. 3,187,086, 6–1–65, Cl. 174—68.
Moody, Allen M., to United States of America, Army. Air-supported building structure. 3,190,299, 6–22–65, Cl. 135—1.
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Moody, Charles E.: *See*—
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Moody, Eugene L., deceased, by A. E. Moody, representative. Adjustable length prop apparatus. 3,223,271, 12–14–65, Cl. 217—60.
Moody, Eugene P. Pipe holder. 3,201,018, 8–17–65, Cl. 224—26.
Moody, Frank B., to E. I. du Pont de Nemours and Co. Thermally stable polyamides from substituted aromatic dialkanoic acids. 3,197,444, 7–27–65, Cl. 260—78.
Moody, Harry A., to The Dunham Tool Co., Inc. Universal expanding chuck. 3,202,431, 8–24–65, Cl. 279—2.
Moody, Herbert R.: *See*—
Kelley, Everett J., and Moody. 3,196,178.
Moody, Herbert R., and R. W. Edwards, to Rohm & Haas Co. Vapor phase sulfonation of polymer particles. 3,218,301, 11–16–65, Cl. 260—79.3.
Moody, Oliver C., and D. I. Carter, to Owens-Illinois Glass Co. Gas sampling apparatus. 3,201,993, 8–24–65, Cl. 73—421.5.
Moody, Oscar G. Demagnifying mirror. 3,171,885, 3–2–65, Cl. 88—73.
Moody, Ralph J., and S. T. McLane, to Owens-Corning Fiberglas Corp. Method and apparatus for packaging filamentary materials. 3,198,444, 8–3–65, Cl. 242—18.
Moody, Roy A.: *See*—
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Arp, Ewald A. 3,212,692.
Moody, Warren E. Rotary power lawn mower with grass catcher. 3,199,277, 8–10–65, Cl. 56—25.4.
Moody, Willard B. Bricklayer's level. 3,188,748, 6–15–65, Cl. 33—207.
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Hague, Robert Z., Garnjost, Treff, and Moog. 3,174,406.
Hague, Robert Z., Laucks, and Treff. 3,198,084.
Roess, Louis G. 3,178,974.
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Hague, Robert Z., Garnjost, Treff, and Moog. 3,174,406.
Mooi, John: *See*—
Burk, Emmett H., Jr., and Mooi. 3,165,479.
Michaels, Glenn O., Mooi, and Keith. 3,206,525.
Mooi, John, to Sinclair Research, Inc. Method of producing boehmite having crystal size in excess of 100 A. 3,193,348, 7–6–65, Cl. 23—143.
Mooi, John, to Sinclair Research, Inc. Method of producing boehmite of 50 to 80 A. crystal size. 3,193,349, 7–6–65, Cl. 23—143.
Mooi, John, and S. Manne, to Sinclair Refining Co. Process for regenerating a carbon-containing catalyst. 3,175,983, 3–30–65, Cl. 252—416.
Mook, Donald E.: *See*—
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Matz, Samuel A., and Mook. 3,219,456.
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Moolenaar, Robert J., R. S. Karpiuk, and M. P. Neipert, to The Dow Chemical Co. Production of high purity cesium. 3,164,461, 1–5–65, Cl. 75—66.
Moon, Harry C., Jr., to Sunstrand Corp. Hydrostatic transmission. 3,187,509, 6–8–65, Cl. 60—53.
Moon, Jimmie L.: *See*—
Lacy, Lewis S., and Moon. 3,182,222.
Moon, John J.: *See*—
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Moon, John J., and R. O. Dunn, to Phillips Petroleum Co. Fractional crystallization. 3,222,881, 12–14–65, Cl. 62—58.
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Moon, Philip R., W. S. Stockwell, and R. G. Tilbury, to S. Smith & Sons (England) Ltd. Flexible drive shaft assembly. 3,190,084, 6–22–65, Cl. 64—3.
Moon, Sterling C., deceased (by K. M. Moon, administratrix), to Jeffrey Galion Mfg. Co. Continuous mining machine and control system therefor. 3,210,122, 10–5–65, Cl. 299—30.
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Mooney, Charles W., and A. S. Holzinger, to Motorola, Inc. Electromechanical frequency responsive translating device. 3,221,120, 11–30–65, Cl. 200—90.
Mooney, Edward L.: *See*—
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Mooney, James J., Jr.: *See*—
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Mooney, Joseph P., to The English Electric Co. Ltd. Control system for an hydraulic motor. 3,180,092, 4–27–65, Cl. 60—52.
Mooney, Lawrence K., to United States of America, Navy. Threshold indicator. 3,191,073, 6–22–65, Cl. 307—88.5.
Mooney, Ralph, Jr. Power backhoe boom control. 3,171,553, 3–2–65, Cl. 214—138.
Mooney, Richard W., and M. A. Aia, to Sylvania Electric Products Inc. Preparation of calcium dihydrogen orthosilicate. 3,205,036, 9–7–65, Cl. 23—110.
Moor, Herman L. Method and means for making concrete piles. 3,206,936, 9–21–65, Cl. 61—53.64.
Moore, Albert E.: *See*—
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Moore, Ann M. Adjustable sundial. 3,206,581, 9–14–65, Cl. 33—62.
Moore, Archie L. Door balancer construction. 3,175,761, 3–30–65, Cl. 232—45.
Moore, Arthur H., to The Bridgeport Metal Goods Mfg. Co. Flashlight. 3,175,080, 3–23–65, Cl. 240—10.65.
Moore, Arthur I. W., and J. H. Porter, to Production Engineering Research Association of Great Britain. Reamer. 3,182,531, 5–11–65, Cl. 77—72.
Moore, Aston L. and C. R. Supervisory system. 3,168,682, 2–2–65, Cl. 317—18.
Moore, Athol M.: *See*—
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Moore, Austin T. Vibrator. 3,203,415, 8–31–65, Cl. 128—33.
Moore, Ben M., and R. McDonald. Clinical thermometer having a replaceable, repairable shatter-proof capillary tube. 3,218,861, 11–23–65, Cl. 73—371.
Moore, Berwyn C. Landing aircraft wheel rotator. 3,178,135, 4–13–65, Cl. 244—103.
Moore, Boyd S. Contourable pneumatic cushions. 3,192,541, 7–6–65, Cl. 5—349.
Moore, Buell, to Esquire, Inc. Case for ballast type transformers. 3,197,545, 7–27–65, Cl. 174—52.
Moore, Buell, to Esquire, Inc. Lighting equipment. 3,202,815, 8–24–65, Cl. 240—78.
Moore, Burdette E., to Shocks, Inc. Holddown shock absorbers for the mold board of an earth grader. 3,197,188, 7–27–65, Cl. 267—1.
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Goreham, Peter E. 3,201,019.
Knudsen, James B. 3,214,160.
Knudsen, James B. 3,218,092.
O'Brien, Richard J., and Thomson. 3,188,114.
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Walck, Theodore J., and Hermann. 3,178,170.
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Moore, Carl N., to Pines Engineering Co., Inc. Coin-controlled article-checking rack. 3,197,008, 7–27–65, Cl. 194—64.
Moore, Cecil E. Tube joining device. 3,189,991, 6–22–65, Cl. 29—437.
Moore, Cecil L., to E & R Laboratory Service Corp. Knee-action relay. 3,194,917, 7–13–65, Cl. 200—87.
Moore, Cecil L., to E & R Laboratory Service Corp. Inertia machine. 3,198,124, 8–3–65, Cl. 103—71.

Moore, Charles B.: *See*—
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Moore, Charles B., and B. Vonnegut, to Arthur D. Little, Inc. Monitor and spectrometer for atmospheric particulate matter. 3,178,930, 4–20–65, Cl. 73—28.
Moore, Charles E.: *See*—
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Moore, Charles H. Connection assembly for pressure lines. 3,186,431, 6–1–65, Cl. 137—561.
Moore, Charles O.: *See*—
Walters, Donald T., and Moore. 3,177,917.
Moore, Charles R.: *See*—
Moore, Aston L. and C. R. 3,168,682.
Moore, Clarence D., to Armstrong Cork Co. Solvent system for coating and adhesive compositions. 3,179,617, 4–20–65, Cl. 260—32.8.
Moore, Clement R., to Moulded Products, Inc. Riding toy. 3,224,723, 12–21–65, Cl. 248—370.
Moore, Coleman B., to Moore Products Co. Control apparatus. 3,177,888, 4–13–65, Cl. 137—81.5.
Moore, Coleman B., to Moore Products Co. Boat steering apparatus. 3,206,928, 9–21–65, Cl. 60—35.54.
Moore, Curtis L., to Westinghouse Electric Corp. Magnetic core structures. 3,189,858, 6–15–65, Cl. 336—212.
Moore, Curtis L., to Westinghouse Electric Corp. Cooling ducts for wound coils. 3,195,085, 7–13–65, Cl. 336—60.
Moore, Curtis L., and T. R. Specht, to Westinghouse Electric Corp. Electrical apparatus. 3,189,675, 6–15–65, Cl. 174—11.
Moore, Dale C., to Bill Glover, Inc. Fluid content sensing and control mechanism for automatic dry cleaning machines. 3,172,276, 3–9–65, Cl. 68—12.
Moore, David L.: *See*—
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Moore, David L., and T. Suzuki, to Westinghouse Electric Corp. Four region switching transistor for relatively large currents. 3,218,525, 11–16–65, Cl. 317—235.
Moore, David P. Coating composition containing vinyl chloride polymer and method of making same. 3,171,822, 3–2–65, Cl. 260—4.
Moore, David W., to Lear Siegler, Inc. Memory for X-Y plotter. 3,206,638, 9–14–65, Cl. 315—161.
Moore, Donald A., to Davidson Rubber Co., Inc. Method of mold temperature control. 3,190,944, 6–22–65, Cl. 264—45.
Moore, Donald L.: *See*—
Hamilton, Earl L., Lay, and Moore. 3,192,884.
Hamilton, Earl F., Moore, and Lay. 3,194,188.
Hamilton, Earl F., Moore, and Lay. 3,222,113.
Moore, Donald L., to Hamilton Cosco, Inc. Chair pedestal. 3,186,675, 6–1–65, Cl. 248—410.
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Moore, Martin E. and E. E. 3,223,300.
Yerman, Arnold J. 3,166,062.
Moore, Edwin K.: *See*—
Hamilton, Earl F., Lay, and Moore. 3,199,915.
Hamilton, Earl F., and Moore. 3,187,693.
Moore, Elmer E.: *See*—
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Moore, Fletcher L., to United States of America, Atomic Energy Commission. Method for separating transplutonium elements from rare earth fission products. 3,178,256, 4–13–65, Cl. 23—14.5.
Moore, Francis C., to Pittsburgh Plate Glass Co. Core reinforcement means. 3,166,808, 1–26–65, Cl. 22—200.
Moore, Francis J. Simplified construction for door latch operating mechanism. 3,203,719, 8–31–65, Cl. 292—167.
Moore, Frank A., to Creed & Co. Ltd. Projecting teleprinter with platen movable into and out of projection field. 3,200,928, 8–17–65, Cl. 197—55.
Moore, Frank N. Projection system. 3,199,403, 8–10–65, Cl. 88—24.
Moore, Fred J., Jr., and G. Southwell, to International Resistance Co. Potentiometer. 3,193,786, 7–6–65, Cl. 338—164.
Moore, Fred W., and R. C. Pressley, Jr., to General Electric Co. Washing machine having improved closure member sealing means. 3,169,540, 2–16–65, Cl. 134—191.
Moore, Fred W., and R. C. Pressley, Jr., to General Electric Co. Safety and control mechanism for power-operated structure. 3,181,921, 5–4–65, Cl. 312—223.
Moore, George A. Container and blank therefor. 3,185,377, 5–25–65, Cl. 229—17.
Moore, George A. Speedboat stabilizer. 3,186,371, 6–1–65, Cl. 114—125.
Moore, George A. Unit premeasure dispenser for containers. 3,187,961, 6–8–65, Cl. 222—346.
Moore, George A. Closure construction for containers. 3,191,847, 6–29–65, Cl. 229—37.
Moore, George A. Carton having a dispensing facility, and carton blank therefor. 3,203,615, 8–31–65, Cl. 229—17.
Moore, George C., Co.: *See*—
Siciliano, Samuel F. 3,188,057.
Moore, George F., to Tennessee Corp. Multi-stage process of producing diammonium phosphate. 3,199,973, 8–10–65, Cl. 71—43.
Moore, George H.: *See*—
Daffron, Guy M. 3,167,878.
Moore, George L., to Cumberland Chemical Corp. Preparation of propargyl alcohol. 3,218,362, 11–16–65, Cl. 260—638.
Moore, George W.: *See*—
Hollings, John S., and Moore. 3,175,576.
Moore, Harrington, and Engel. 3,181,185.
Moore, Gerald L.: *See*—
Dunham, Glen M., and Moore. 3,209,343.
Moore, Gerald T., and H. P. Kilroy, to Giddings & Lewis Machine Tool Co. Selective counting apparatus. 3,167,660, 1–26–65, Cl. 307—88.
Moore, Glenn E., and J. L. Hughes, to Dover Corp. Sightglass indicator or the like. 3,185,128, 5–25–65, Cl. 116—117.
Moore, Gordon E., to Fairchild Camera and Instrument Corp. Nested region transistor configuration. 3,184,657, 5–18–65, Cl. 317—234.
Moore, Gordon E., to Fairchild Camera and Instrument Corp. Fabricating semiconductor devices. 3,212,162, 10–19–65, Cl. 29—25.3.
Moore, Harold C. Collapsible shelving. 3,186,363, 6–1–65, Cl. 108—114.
Moore, Harold C. Measuring device. 3,196,548, 7–27–65, Cl. 33—169.
Moore, Harold F. Hair curler with telescoping hair clamping stem. 3,205,901, 9–14–65, Cl. 132—40.
Moore, Harold R., to Westinghouse Electric Corp. Transposed winding for electrical apparatus. 3,183,465, 5–11–65, Cl. 336—187.
Moore, Harrington, and A. G. Engel, to George W. Moore, Inc. Method of making frictional locking setscrews. 3,181,185, 5–4–65, Cl. 10—10.
Moore, Harry O., 50% to F. E. Godley. Centrifugal switch having a compression spring engageable with a radially movable brush and receivable on a cup-shaped shield upon movement of the brush. 3,206,571, 9–14–65, Cl. 200—80.
Moore, Harry O., 50% to W. F. McCall. Fishing rig. 3,221,434, 12–7–65, Cl. 43—42.2.
Moore, Harry V.: *See*—
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Moore, Harry W. Winding machine. 3,189,059, 6–15–65, Cl. 140—92.1.
Moore, Harry W. Method of winding armatures. 3,191,269, 6–29–65, Cl. 29—155.53.
Moore, Harry W. Device for inserting wedges in coil slots. 3,191,282, 6–29–65, Cl. 29—205.
Moore, Harry W. Automatic stator winding machine and process. 3,192,961, 7–6–65, Cl. 140—92.1.
Moore, Harry W. Coil transferring machine. 3,193,913, 7–13–65, Cl. 29—155.5.
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Moore, James G., to Blaw-Knox Co. Apparatus for making paste flakes. 3,203,109, 8–31–65, Cl. 34—62.
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Moore, John R. Spray head. 3,189,283, 6–15–65, Cl. 239—383.
Moore, James W., to McGraw-Edison Co. Arc furnace electrode control apparatus. 3,173,052, 3–9–65, Cl. 314—61.
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Moore, James W., and R. L. Carroll. Holder for an electric eraser and pencils. 3,207,317, 9–21–65, Cl. 211—13.
Moore, John, to The Dow Chemical Co. Method for dyeing acrylonitrile polymer fibers. Re. 25,831, 8–3–65, Cl. 264—78.
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Moore, Lawrence A., and L. F. Gilbank, to Beloit Corp. Calender stack. 3,183,826, 5–18–65, Cl. 100—163.

Moore, Lawrence A., and T. G. McKie, to Beloit Corp. Knock-off shower for a Fourdrinier machine. 3,218,227, 11–16–65, Cl. 162—255.
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Moore, Monte N. and A. M., and D. J. Menter, to Power Cam Corp. Adjustable geared cam and roller brake shoe actuator. 3,196,987, 7–27–65, Cl. 188—79.5.
Moore, Nathaniel N., M. Perez, Jr., and S. Ackerman, to The Bendix Corp. Gyro erection control system. 3,203,261, 8–31–65, Cl. 74—5.47.
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Moore, Richard S., and M. W. Windsor, to TRW, Inc. Process for incorporating phosphorescent triplet state organic compounds in plastic media. 3,214,383, 10–26–65, Cl. 252—301.2.
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Moore, Robert A., to Martin-Marietta Corp. Polarizer for use in antenna and transmission line systems. 3,216,017, 11–2–65, Cl. 343—756.
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Moore, Roy S., to Foseco International Ltd. Production of ingots and castings. 3,183,562, 5–18–65, Cl. 22—1.
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Moorhead, John P., to Evans Products Co. Bulkhead hold down. 3,200,773, 8–17–65, Cl. 105—376.
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Moran, Stephen F., and W. E. Ballard, to United States of America, Navy. Large-power dissipating transistor mounting. 3,182,115, 5–4–65, Cl. 174—15.
Moran, William O., to Moran Furnace and Sheet Metal Co. Latch and lock mechanism. 3,207,545, 9–21–65, Cl. 292—205.
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Morand, Peter F., and R. Deghenghi, to American Home Products Corp. Process for the preparation of 6,17α-dimethyl-4,6-pregnadiene-3,20-dione. 3,170,936, 2–23–65, Cl. 260—397.3.
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Morbidelli, Giuseppe, and L. Notarbartolo, deceased, by E. Pascalino, administratrix, and P. Notarbartolo, heiress, to Snia Viscosa Società Nazionale Industria Applicazioni Viscosa S.p.A. Process for recovering cobalt base catalysts. 3,170,760, 2–23–65, Cl. 23—87.
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Morehouse, Frank L. Balanced solenoid magnet and brake. 3,175,648, 3–30–65, Cl. 188—106.
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Morel, Georges, Y. Menoret, R. Levy, and O. Gryszkiewicz-Trochimowski, to French State represented by the Minister of Armed Forces, Powder Department and Institut National de la Recherche Agronomique. Certain 3-aryl-2,4-oxazolidine dione compounds. 3,201,410, 8–17–65, Cl. 260—307.
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Morelock, Charles R., to General Electric Co. Use of the working material as part of the crystal making apparatus. 3,188,182, 6–8–65, Cl. 23—273.
Morelock, Charles R., to General Electric Co. High strength fibers. 3,212,926, 10–19–65. Cl. 117—126.
Morelock, O. James. Portable apparatus for testing vacuum tubes. 3,202,911, 8–24–65, Cl. 324—23.
Moren, Rolf E., to Mo Och Domsjo Aktiebolag. Methods of making foundry cores and moulds. 3,179,523, 4–20–65, Cl. 106—38.35.
Morén, Rolf E., to Mo Och Domsjo Aktiebolag. Methods of making sand molds or cores for casting. 3,196,505, 7–27–65, Cl. 22—193.
Morena, Carmen G. Dispensing package with sliding trap chamber. 3,201,008, 8–17–65, Cl. 222—361.
Moreno, Antonio A. Foldable easy chair. 3,195,954, 7–20–65, Cl. 297—441.
Moreno, Emil F., E A Domes, and J. F. Marquardt, to International Harvester Co. Vehicle suspension means. 3,175,-819, 3–30–65, Cl. 267—56.
Moreno, Emil F., J. F. Marquardt, and E. A. Domes, to International Harvester Co. Fluid power steering system. 3,189,119, 6–15–65, Cl. 180—79.2.
Moreo, Frank R.: *See*—
Baum, Morton E., and Moreo. 3,215,534.
Moresi, Joseph A., Jr., and R. D. Boisjolie, to Sprague Electric Co. Vented electrolytic unit. 3,204,156, 8–31–65, Cl. 317—230.
Moressee, Georges, and R. Dechet, to Normacem S.A. Axial air gap machines. 3,169,204, 2–9–65, Cl. 310—268.
Moressee, Georges, and R. Dechet, to Normacem S.A. Rotary electrical machine having disk type rotor and layer of polymerized tetrafluoroethylene on field pole surfaces. 3,179,831, 4–20–65, Cl. 310—268.
Moressee, Georges, and R. Dechet, to Compagnie Electro-Mecanique. Electrical machine having lamellar windings and planar axial air gap. 3,193,715, 7–6–65, Cl. 310—268.
Moret, Michel, to Aesup, Etablissements. Electric hand appliances, particularly toothbrushes. 3,181,188, 5–4–65, Cl. 15—22.
Moreton, Douglas A., to Bemose & Sons Ltd. Cartons or boxes. 3,193,175, 7–6–65, Cl. 229—31.
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Tenconi, Riccardo. 3,181,940.
Moretti, Alberto, to Eternit Societa' per Azioni. Pipe joint spacer member. 3,179,445, 4–20–65, Cl. 285—106.
Moretti, Daniel: *See*—
Stevens, Eddie S. 3,225,819.
Moretti, Giorgio, and A. Turchi, to Montecatini Societa Generale per L'Industria Mineraria e Chimica. Method of preparing organo beryllium halides. 3,196,187, 7–20–65, Cl. 260—665.
Moretti, William G., Jr.: *See*—
Neuendorf, Charles A., and Moretti. 3,200,642.
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Eggen, Donald T., and Morewitz. 3,177,124.
Morey, Everett D., to General Electric Co. Adjustable pressure responsive control means. 3,187,137, 6–1–65, Cl. 200—83.
Morey, Everett D., and J. Bochan, to General Electric Co. Filter pan particularly suited for use in clothes washers and the like. 3,197,981, 8–3–65, Cl. 68—18.
Morey, George W., to Anaconda Wire and Cable Co. Electrical insulating glass composition and apparatus encapsulated therewith. 3,223,553, 12–14–65, Cl. 117—215.
Morey, Glen H., to Templeton Coal Co. Safety shield for electric heating mantle. 3,177,343, 4–6–65, Cl. 219—433.
Morey, Glen H., to Templeton Coal Co. Shielded electric heating mantle. 3,177,344, 4–6–65, Cl. 219—433.
Morey, Glen H., to Templeton Coal Co. Apparatus for heating corrosive liquids. 3,179,779, 4–20–65, Cl. 219—10.49.
Morey, Richard K.: *See*—
Morey, Willis R. and R. K. 3,210,134.
Morey, Willis R. and R. K. Portable adjustable assembly for pressure drilling. 3,210,134, 10–5–65, Cl. 308—4.
Morey, Woodruff A., to Whiting Corp. Vacuum gripping pad. 3,195,941, 7–20–65, Cl. 294—64.
Morford, Marvin A. Garden hose support and retrieving means. 3,175,574, 3–30–65, Cl. 137—355.26.
Morgan, A. Henry, W. D. Uhl, and H. R. Angel, to Electronic Controls, Inc. Electrical switch device. 3,226,508, 12–28–65, Cl. 200—104.
Morgan Adhesives Co.: *See*—
Morgan, Burton D. 3,174,888.
Morgan, Burton D. 3,192,100.
Morgan, Anne L. Back bend stretcher. 3,178,180, 4–13–65, Cl. 272—57.
Morgan, Arthur I., Jr., and S. Schwimmer, to United States of America, Agriculture. Preparation of dehydrated food products. 3,170,803, 2–23–65, Cl. 99—199.
Morgan, Arthur T.: *See*—
Rathke, Arlan E., and Morgan. 3,169,857.
Morgan Associates: *See*—
Morgan, Harry A., Jr. 3,190,760.
Morgan Automation, Inc.: *See*—
Gardner, John J. 3,182,820.
Morgan, Burton D., to Morgan Adhesives Co. Method of labeling articles. 3,174,888, 3–23–65, Cl. 156—230.
Morgan, Burton D., to Morgan Adhesives Co. Flexible curl-free laminate with pressure sensitive adhesive backing. 3,192,100, 6–29–65, Cl. 161—165.
Morgan Construction Co.: *See*—
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Hill, William J. 3,222,970.
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Morgan, Cyril O. B., to Love, Marden and Wilson Ltd. Valve with supplemental repair check valve. 3,203,443, 8–31–65, Cl. 137—329.3.
Morgan, David A.: *See*—
Horne, Einar D., and Morgan. 3,174,856.
Morgan, David A., to Minnesota Mining and Mfg. Co. Developer. 3,165,456, 1–12–65, Cl. 204—18.
Morgan, David L., to Robertshaw Controls Co. Pressure responsive device with overpressure protection. 3,183,672, 5–18–65, Cl. 60—54.5.
Morgan, David L., to Robertshaw Controls Co. Power element assembly. 3,223,001, 12–14–65, Cl. 92—91.
Morgan, David L., and R. L. Ratliff, to Robertshaw Controls Co. Air volume control in water well systems. 3,207,076, 9–21–65, Cl. 103—6.
Morgan, Donald E.: *See*—
Stratton, Boyd L., and Morgan. 3,225,310.
Morgan, Edgar O.: *See*—
Bacon, Karl W., and Morgan. 3,167,024.
Morgan, Edward A. Combination ice machine and remote drink dispenser. 3,224,641, 12–21–65, Cl. 222—129.1.
Morgan, Eldon L. Fence engaging device. 3,184,198, 5–18–65, Cl. 248—223.
Morgan Engineering Co., The: *See*—
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Brainerd, Alfred G., Jr., and Morgan. 3,164,456.
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Morgan, Harry A., Jr., 5% to L. Hocker, 5% to A. S. Lapin, and 77% to Morgan Associates. Milk food product and method for making same. 3,190,760, 6–22–65, Cl. 99—201.
Morgan, Harry C.: *See*—
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Klein, Martin L., Morgan, and Rush. 3,214,693.
Morgan, Harry C., to North American Aviation, Inc. Clamping circuit. 3,164,775, 1–5–65, Cl. 328—98.

Morgan, Jack F., and W. C. Simmons, to General Aniline & Film Corp. Method of preparing quinazolones. 3,213,094, 10–19–65, Cl. 260—251.

Morgan, James A., and F. M. Oran, to Industrial Acoustics Co., Inc. Aerodynamic coupling for jet noise suppressors. 3,195,678. 7–20–65, Cl. 181—33.

Morgan, James F. Bobbin guide. 3,207,187, 9–21–65, Cl. 139—255.

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Gray, Charles E., Morgan, and O'Neal. 3,184,889.

Morgan, John R. Vacuum deposition means and methods for manufacture of electronic components. 3,206,322, 9–14–65, Cl. 117—4.

Morgan, John W., and D. R. Scott, to Sunbeam Corp. Fastening means for attachments to clock housings. 3,220,176, 11–30–65, Cl. 58—53.

Morgan, Layton D., and R. D. Strait, to United States of America, Navy. Resistive phase compensator. 3,192,525, 6–29–65, Cl. 343—100.

Morgan, Leslie B.: *See*—
Guest, Dorothy J., Morgan, and Owen. 3,166,436.

Morgan, Mark (by Kearney and Trecker Corp., assignee). Automatic machine tool. Re. 25,812, 6–29–65, Cl. 77—4.

Morgan, Merle L., to Electro-Measurements, Inc. Voltage divider. 3,164,798, 1–5–65, Cl. 338—174.

Morgan, Myles, to Morgan Construction Co. Apparatus for cooling hot metal rod in a laying reel. 3,204,940, 9–7–65, Cl. 266—5.

Morgan, Myles, and C. A. Rich, Jr., to Morgan Construction Co. Roll adjustment means. 3,172,314, 3–9–65, Cl. 80—56.

Morgan, Myles, and W. J. Hill, to Morgan Construction Co. Apparatus for and method of collecting and dividing rod into bundles. 3,176,385, 4–6–65, Cl. 29—417.

Morgan, Raymond E., to General Electric Co. Synchronization and lockout control system for controlled rectifiers. 3,164,767, 1–5–65, Cl. 321—35.

Morgan, Raymond E., to General Electric Co. Tunnel diode-saturable reactor control circuit. 3,214,604, 10–26–65, Cl. 307—88.5.

Morgan, Robert C. Fishing tackle. 3,174,247, 3–23–65, Cl. 43—15.

Morgan, Thomas P. Holder for pencils, pens and similar long articles. 3,212,146, 10–19–65, Cl. 24—10.

Morgan, Walter A., to Esso Research and Engineering Co. Remotely controlled modulating system. 3,174,110, 3–16–65, Cl. 330—10.

Morgan, Walter A., to Esso Research and Engineering Co. Automatic limit control apparatus. 3,219,847, 11–23–65, Cl 307—116.

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Morgan, Willard L., to Owens-Corning Fiberglas Corp. Reinforcement of metal. 3,187,422, 6–8–65, Cl. 29—419.

Morgan, Willard L., and L. F. Scheffler, to Owens-Corning Fiberglas Corp. Separation of crystals from a boric anhydride matrix. 3,224,843, 12–21–65, Cl. 23—299.

Morgan, William A., R. J. McClure, and D. E. C. King, to Canada, Her Majesty the Queen in right of, as represented by the Minister of Mines and Technical Surveys. Stabilization of chromium nickel stainless steels. 3,203,789, 8–31–65, Cl. 75—130.5.

Morgan, William C., and M. A. Picciano, to General Precision, Inc. Explosive device containing charge of elongated crystals and an exploding bridgewire. 3,181,463, 5–4–65, Cl. 102—28.

Morgan, William E., Jr., to Sperry Rand Corp. Automatic frequency control system with local oscillator controlled by sweep search generator. 3,174,105, 3–16–65, Cl. 325—420.

Morgan, William F.: *See*—
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Morgan, William H., Jr., to Sylvania Electric Products Inc. Lamp positioner. 3,200,363, 8–10–65, Cl. 339—93.

Morgan, William V., to Commonwealth Scientific and Industrial Research Organization. Apparatus for the removal of burrs and other foreign matter from fibres. 3,200,445, 8–17–65, Cl. 19—84.

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Mori, Leo, I. Niikura, and T. Ishida, to Tokyo Shibaura Electric Co., Ltd. Rotary shaft control system. 3,165,939, 1–19–65, Cl. 74—365.

Mori, Leo, and I. Niikura, to Tokyo Shibaura Electric Co., Ltd. Digital converter of photometric value. 3,209,642, 10–5–65, Cl. 88—14.

Mori, Orlando, ½ to Soc. Toscana Industria Cucine Elettrodomestici (S.T.I.C.E.) S.p.Az. Method of washing dishes and the like. 3,183,120, 5–11–65, Cl. 134—7.

Mori, Ryutaro, and A. Kurabayashi, to Hitachi Ltd. Differential pressure transducers. 3,224,020, 12–21–65, Cl. 91—165.

Mori, Ryutaro, M. Nishimura, and K. Furukawa, to Kabushiki Kaisha Hitachi Seisakusho. Variable speed-reduction mechanism. 3,224,286, 12–21–65, Cl. 74—199.

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Mori, Takeshi, to Christensen Diamond Products Co. Rotary drag bit. 3,220,497, 11–30–65, Cl. 175—411.

Mori, Takeshi, to Christensen Diamond Products Co. Replaceable drill bit nozzles. 3,220,754, 11–30–65, Cl. 285—305.

Moriguchi, Yoshiro, to Nippon Electric Co. Ltd. Compound foil for connecting electrodes to semiconductor material. 3,177,054, 4–6–65, Cl. 29—199.

Morikawa, Takashi, K. Aoki, N. Arita, and M. Matano, to Daiwa Boseki Kabushiki Kaisha. Apparatus for delivering fiber material coming out of a blowing machine to carding engines. 3,210,128, 10–5–65, Cl. 302—28.

Morimoto, Izumi, and H. Nakayama. Metal-arc welding. 3,215,809, 11–2–65, Cl. 219—73.

Morimoto, Tatsuo. Apparatus for draining underground strata. 3,215,213, 11–2–65, Cl. 175—314.

Morin, Duane E., to Minnesota Mining and Mfg. Co. Decyclization of fluorinated cyclic ethers. 3,213,134, 10–19–65, Cl. 260—544.

Morin, John O.: *See*—
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Morin, Joseph F., to The William Carter Co. Sewing machine stop motion. 3,168,881, 2–9–65, Cl. 112—219.

Morin, Lawrence. Automobile swerve alarm system. 3,201,750, 8–17–65, Cl. 340—52.

Morin, Lawrence J. Safety brake combination for pneumatic drills. 3,193,055, 7–6–65, Cl. 188—96.
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Morin, Lawrence J. Displaying meat for self-service. 3,200,957, 8–17–65, Cl. 211—1.

Morin, Louis H., ¼ to M. F. McGill, and ¼ to J. R. Hanna. Method of producing weedless fish hooks. 3,169,299, 2–16–65, Cl. 29—9.

Morin, Louis H., ¼ to M. F. McGill, and ¼ to J. R. Hanna. Weedless fish hooks. 3,169,338, 2–16–65, Cl. 43—43.6.

Morin, Louis H., ¼ to M. F. McGill, and ¼ to J. R. Hanna. Looped snell for fish hooks. 3,169,340, 2–16–65, Cl. 43—44.98.

Morin, Louis H. Speed reducer. 3,169,414, 2–16–65, Cl. 74—802.

Morin, Louis H. Slide fastener stop. 3,170,207, 2–23–65, Cl. 24—205.11.

Morin, Louis H. Dual slider stop. 3,175,268, 3–30–65, Cl. 24—205.11.

Morin, Louis H., to Coats & Clark Inc. Apparatus for controlling tape feed in regulating variable spacings between groups of scoops. 3,178,772, 4–20–65, Cl. 18—30.

Morin, Louis H. Die casting machine gooseneck using air injection with controlled volume accumulator chamber. 3,179,295, 4–20–65, Cl. 22—69.

Morin, Louis H. Lock slider. 3,186,053, 6–1–65, Cl. 24—205.14.

Morin, Louis H. Method of producing multiple intercast plastic products. 3,187,072, 6–1–65, Cl. 264—242.

Morin, Louis H., to Coats & Clark Inc. Method and apparatus for producing travelers with wear resistant inserts. 3,187,074, 6–1–65, Cl. 264—275.

Morin, Louis H. Cast chain and method of producing the same. 3,191,376, 6–29–65, Cl. 59—1.

Morin, Louis H. Method of forming three cast-united and relatively movable elements. 3,197,535, 7–27–65, Cl. 264—242.

Morin, Louis H. Method of casting and trimming sliders in multiple, utilizing unitary bifurcated cores. 3,205,570, 9–14–65, Cl. 29—409.

Morin, Louis H., to Coats & Clark Inc. Spinning ring. 3,205,646, 9–14–65, Cl. 57—119.

Morin, Louis H. Separator box and pin. 3,214,817, 11–2–65, Cl. 24—205.11.

Morin, Lucille T.: *See*—
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Morin, Luke O., Jr., and A. B. Chamberlain, to Royal Inc. Dual purpose space heater. 3,199,504, 8–10–65, Cl. 126—91.

Morin, Robert B., E. H. Flynn, B. G. Jackson, and R. W. Roeske, to Eli Lilly and Co. Process for the preparation of 7-aminocephalosporanic acids. 3,188,311, 6–8–65, Cl. 260—243.

Morin, William T., Jr. to Honeywell Inc. Condition responsive devices. 3170,860, 2–23–65, Cl. 204—195.

Morinaga Confectionery Co. Ltd. Messrs.: *See*—
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Moring, Fred, to International Business Machines Corp. Data transfer device. 3,165,260, 1–12–65, Cl. 234—78.

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Morioka, Isao. Method of manufacturing reliefs by photographic means. 3,185,602, 5–25–65, Cl. 156—58.
Morioka, Kenneth S., and K. Goto. Modular cabinet structure. 3,178,245, 4–13–65, Cl. 312—257.
Moriondo, Roberto: *See*—
Alfieri, Giuseppe, and Moriondo. 3,179,474.
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Alfieri, Giuseppe, and Moriondo. 3,204,972.
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Morisson, Roger L., to Societe pour l'Affranchissement et le Timbrage Automatiques S.A.T.H.S. Stamping machine. 3,180,574, 4–27–65, Cl. 235—101.
Morita, Masasuke, and T. Kuroda, to Nippon Electric Co. Ltd. Switchover arrangement in a mobile radio communication system. 3,189,822, 6–15–65, Cl. 325—4.
Morith, Gilbert J. Ice skate sharpener. 3,164,932, 1–12–65, Cl. 51—170.
Moritz, Don H.: *See*—
Wallberg, Richard D., R. R. and N. K. Johnson, Moritz, and Dettman. 3,176,328.
Moritz, Donald B., to Waco-Porter Corp. Connecting structure. 3,174,779, 3–23–65, Cl. 287—53.5.
Moritz, Frederick G., S. C. Pellaumail, and F. V. Thiemann, to Potter Instrument Co., Inc. Tape control circuit utilizing an inductive energy storing means. 3,208,655, 9–28–65, Cl. 226—39.
Moritz, Gunther E., to Reynolds Metals Building. Continuous casting system. 3,212,142, 10–19–65, Cl. 22—57.2.
Moritz, Hans C.: *See*—
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Moritz, Karsten H.: *See*—
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Moriya, Saburo M. Magnetic filter. 3,170,871, 2–23–65, Cl. 210—222.
Moriya, Saburo M. Magnet assembly for filtering. 3,206,657, 9–14–65, Cl. 317—201.
Moriyama, Hiromi, H. Yamada, T. Nakanishi, and T. Kiriyama, to Kabushiki Kaisha Hitachi Seisakusho, and Keihin Hitachi Engineering Kabushiki Kaisha. Gas-filled enclosed electric switchgear with copper contacts. 3,222,486, 12–7–65, Cl. 200—166.
Morkoski, James, and G. G. Ward, to International Harvester Co. Cushion spring trip unit for moldboard plows. 3,191,688, 6–29–65, Cl. 172—269.
Morkoski, James, and G. G. Ward, to International Harvester Co. Hydraulic controlled gauge and furrow wheel. 3,209,839, 10–5–65, Cl. 172—405.
Morlan, Erwin A., to Hughes Tool Co. Combination core bit. 3,174,564, 3–23–65, Cl. 175—330.
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Morley Co., The: *See*—
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Bates, Robert C., Huston, and Morley. 3,194,642.
Morley, Frederick W. W., D. O. Davies, and R. V. Blackhurst, to Rolls-Royce Ltd. Axial flow compressors. 3,178,101, 4–13–65, Cl. 230—134.
Morley, Frederick W. W., D. McLean, and C. Armer, to Rolls-Royce Ltd. Bearing. 3,205,024, 9–7–65, Cl. 308—184.
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Morley, John R., to Alloyd Electronic Corp. High temperature apparatus. 3,210,454, 10–5–65, Cl. 13—1.
Morley, John R., and B. A. George, to Alloyd Electronics Corp. Hollow cathode device. 3,210,518, 10–5–65, Cl. 219—121.
Morley, William J. Multi-channel carrier current control system. 3,211,111, 10–12–65, Cl. 104—149.
Morlock, Gerhard R.: *See*—
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Morneau, Donald A. Bow sling. 3,204,626, 9–7–65, Cl. 124—23.
Mörner, Bengt O. J. S.: *See*—
Dobbertin, Gunther H. W., and Mörner. 3,224,473.
Mornigkeit, Fritz, deceased, by H. Mornigkeit, administrator, to Westfalia Dinnendahl Groppel Aktiengesellschaft. Journalling device for supporting rollers. 3,168,357, 2–2–65, Cl. 308—15.
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Mornigkeit, Fritz. 3,168,357.
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Morningstar, Otto: *See*—
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Morningstar, Otto, F. H. Burgess, and G. Mathus, to Morningstar Corp. Reel with automatically closing and locking window means. 3,189,294, 6–15–65, Cl. 242—71.8.
Morningstar, Ralph E.: *See*—
Clark, Charles C., and Morningstar. 3,168,568.
Moro, Antonio, to Soc. per Azioni Fratelli Borletti. Thermally controlled electrical switch having motion-amplifying lever means. 3,221,126, 11–30–65, Cl. 200—138.
Moro, Antonio. Thermally controlled electrical switch having motion-amplifying lever means. 3,223,806, 12–14–65, Cl. 200—138.
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Morokuma, Tadashi, to Olympus Kogaku Kogyo Kabushiki-Kaisha. Interference comparator system having beam splitter means and reference reflector means. 3,216,314, 11–9–65, Cl. 88—14.
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Moroney, William J., to Microwave Associates, Inc. Semiconductor devices and method of fabricating them. 3,189,799, 6–15–65, Cl. 317—234.
Moroni, Rolf, P. Kisteneich, and P. J. Breuer, to Collo-Rheincollodium, Koln GmbH Werk Hersel. Applicator cover for container. 3,221,359, 12–7–65, Cl. 15—517.
Moross, John R., and J. M. Gault, to International Rectifier Corp. Method of dicing semiconductor wafers. 3,169,837, 2–16–65, Cl. 29—183.
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Morreale, Joseph. Fount serator. 3,224,683, 12–21–65, Cl. 239—456.
Morrel, John S., to The Bendix Corp. Aircraft collision warning system. 3,208,064, 9–21–65, Cl. 343—6.
Morrel, John S., A. I. Perlin, M. Taylor, W. H. Stotz, and M. E. Olmstead, to The Bendix Corp. Collision avoidance system. 3,181,144, 4–27–65, Cl. 343—7.
Morrell, Albert M., to Radio Corp. of America. Color display system utilizing biasing means to reduce the effect of misconvergence. 3,215,771, 11–2–65, Cl. 178—5.4.
Morrell, Jacque C. Catalyst and process of making the same. 3,170,885, 2–23–65, Cl. 252—435.
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Morrell, Jacque C. Phosphorus containing polymerization catalyst. 3,213,036, 10–19–65, Cl. 252—435.
Morrell, James N. Automatic regrinding valve apparatus. 3,220,431, 11–30–65, Cl. 137—243.6.
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Morrell, John H. Parachute spotting device. 3,193,931, 7–13–65, Cl. 33—46.
Morren, Henri, to UCB (Union Chimique-Chemische Bedrijven), S.A. Substituted 1-(4-phenyl-butyl)-4-phenyl-piperazine compounds. 3,211,734, 10–12–65, Cl. 260—268.
Morrill, Harry L., Jr. Auxiliary structure for an automobile seat. 3,185,523, 5–25–65, Cl. 297—226.
Morrill, Philip. Embellished photo-mounts. 3,188,762, 6–15–65, Cl. 40—158.
Morrill, Vaughan, Jr. Pipette. 3,200,650, 8–17–65, Cl. 73—425.6.
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Morris, Charles W., J. R. Ulyate, and L. L. Frazier; said Ulyate and said Frazier assors. to said Morrris. Adaptable afterburner. 3,209,531, 10–5–65, Cl. 60—30.
Morris, Charles W., J. R. Ulyate, and L. L. Frazier; said Ulyate and said Frazier assors. to said Morris. Afterburner and muffler device. 3,209,532, 10–5–65, Cl. 60—30.
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Morris, George F., to General Dynamics Corp. Tacan test equipment. 3,172,107, 3–2–65, Cl. 343—106.
Morris, George F., to General Dynamics Corp. Automatic gain control apparatus for pulse signal handling systems. 3,199,044, 8–3–65, Cl. 330—134.
Morris, George F., to General Dynamics Corp. Ambiguity elimination of directional antenna. 3,206,754, 9–14–65, Cl. 343—117.
Morris, George H. Two section deep tillage cultivator. 3,176,781, 4–6–65, Cl. 172—395.
Morris, George H. Triple section rotary rod weeder. 3,190,363, 6–22–65, Cl. 172—44.
Morris, George V., E. M. Roschke, W. S. Druz, and B. J. Miller, to Zenith Radio Corp. Subscription television system. Re. 25,837, 8–10–65, Cl. 178—5.1.
Morris, Harold D., to Systron-Donner Corp. Switching device. 3,168,680, 2–2–65, Cl. 317—5.
Morris, Harold D., and W. E. Hyde, Jr., to Systron-Donner Corp. Dual acceleration range integrating accelerometer. 3,176,518, 4–6–65, Cl. 73—503.
Morris, Henry, and N. L. Gallon, to General Dynamics Corp. Mechanical coupling device. 3,187,521, 6–8–65, Cl. 64—23.
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Morris, John C., to Sperry Rand Corp. Universal bar adjustable to a curved or straight position. 3,215,248, 11–2–65, Cl. 197—17.
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Morris, John M., and R. W. Evans, to Rex Chainbelt Inc. Vibratory conveyor with shingled deck. 3,195,713, 7–20–65, Cl. 198—220.
Morris, John M., and R. W. Evans, to Rex Chainbelt Inc. Process and apparatus for cooling foundry sand on a vibratory conveyor. 3,205,543, 9–14–65, Cl. 22—89.
Morris, John M., and R. W. Evans, to Rex Chainbelt Inc. Feeder control for batch weighing. 3,216,557, 11–9–65, Cl. 198—220.
Morris, John R., to Hughes Aircraft Co. Programmed digital to analog function generator motor control for an X-Y plotter. 3,217,220, 11–9–65, Cl. 318—162.
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Morris, Lowell H. 3,212,512.
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Morris, Philip, Inc.: *See*—Continued
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Kruger, James B., and Bordeau. 3,204,338.
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Morris, Roger E., and J. T. Gregory, to The B. F. Goodrich Co. Antioxidants comprising reaction products of liquid rubbers and aromatic amines and compositions containing same. 3,177,165, 4–6–65, Cl. 260—5.
Morris, Ronald G., to Beaver-Advance Corp. Safety appliance for elevators. 3,220,510, 11–30–65, Cl. 187—86.
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Morris, William J., to Philco Corp. Operation-indicating means for push-button-operated mechanism. 3,169,506, 2–16–65, Cl. 116—124.1.
Morris, William J., and R. C. Simmons, to Philco Corp. Mounting apparatus. 3,215,380, 11–2–65, Cl. 248—27.
Morris, Willis B., and R. M. Kubow, to Northrop Corp. Cockpit enclosure and operating mechanism. 3,194,517, 7–13–65, Cl. 244—121.
Morris, Willis B., and I. Saworotnow, to Northrop Corp. Control system for VTOL vehicles. 3,205,728, 9–14–65, Cl. 74—516.
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Morrish, Leonard M., and W. D. Pittsley, to General Motors Corp. Flexible exhaust coupling including a heat dissipable washer. 3,188,115, 6–8–65, Cl. 285—18.
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Morrison, Charles R. W., to Union Carbide Corp. Finish removal formulation. 3,179,609, 4–20–65, Cl. 260—28.
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Morrison, David, and R. C. Robinson, to General Time Corp. Clock-controlled switch with drowse mechanism operable only in the auto position. 3,207,865, 9–21–65, Cl. 200—38.
Morrison, David K., and F. H. Erdman, to U.S. Industries, Inc. Milking device. 3,176,654, 4–6–65, Cl. 119—14.01.
Morrison, Dewey H. Adaptor for scribers. 3,192,629, 7–6–65, Cl. 33—23.
Morrison, Donald C., to Fundamental Research Co. Reactions of 2,3-dinitronaphthalene with carbanions and products resulting therefrom. 3,177,241, 4–6–65, Cl. 260—465.
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Morrison, Heber J., to Westinghouse Electric Corp. Impedance matching balun employing a ferrite core. 3,195,076. 7–13–65, Cl. 333—26.
Morrison, Heber J., and J. J. Anderson, to Westinghouse Electric Corp. Phase locked variable frequency oscillator system with sweep circuit. 3,210,684, 10–5–65, Cl. 331—4.
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Morrison, James C., and L. H. Segall, to The Bendix Corp. Ignition system employing saturable core reset by relaxation oscillator. 3,191,093, 6–22–65, Cl. 315—209.
Morrison, James L. D. Record changer spindle. 3,214,176, 10–26–65, Cl. 274—10.
Morrison, James L. D., and M. D. Estowski; said Eestowski assor. to V-M Corp. Record changer. 3,201,130, 8–17–65, Cl. 274—10.
Morrison, James L. D., and M. H. Estkowski; said Estkowski assor. to V-M Corp. Method and apparatus for recording and reproducing from a magnetic sheet. 3,218,077, 11–16–65, Cl. 274—4.
Morrison, James P., and J. A. Persson, to Union Carbide Corp. Low frequency induction furnace. 3,180,917, 4–27–65, Cl. 13—27.
Morrison, John M., to Centriflo Pty. Ltd. Apparatus for exhausting fumes from factories and the like. 3,170,621, 2–23–65, Cl. 230—117.
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Morrison, Joseph T., to Cogsdill Tool Products, Inc. Deburring tool. 3,172,310, 3–9–65, Cl. 77—73.5.
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Morrison, Robert F., Jr., and M. N. Sarachan, to General Dynamics Corp. Digital direction finder utilizing binary array. 3,213,453, 10–19–65, Cl. 343—113.
Morrison, Robert O., and L. W. Chundelak, Jr. Package edge protector. 3,199,709, 8–10–65, Cl. 217—69.
Morrison, Robert W., to Westinghouse Electric Corp. Digital position control servosystem. 3,165,680, 1–12–65, Cl. 318—28.
Morrison, Stanley R., to Honeywell Inc. Semiconductor light position indicators and scanners. 3,210,548, 10–5–65, Cl. 250—211.
Morrison, Stanley R., to Honeywell Inc. Solid state junction photopotentiometer. 3,222,531, 12–7–65, Cl. 250—211.
Morrison, Wallace T., and C. A. Stoody, to Stoody Co. Method and apparatus for coating welding rods. 3,175,247, 3–30–65, Cl. 18—13.
Morrison, Wilbert H., and D. W. Williams, to Clevite Corp. Flanged bimetallic bearing. 3,167,404, 1–26–65, Cl. 29—196.2.
Morrison, Willard L., to Liquefreeze Co., Inc. Method for freezing cooked foods. 3,166,425, 1–19–65, Cl. 99—192.
Morrison, Willard L., to Elmwood Liquid Products, Inc. Insulated collapsible shipper container. 3,191,793, 6–29–65, Cl. 220—9.
Morrison, Willard L., to The Union Stock Yard and Transit Co. of Chicago. Nuclear reactor fuel element nitrogen fixation. 3,201,322, 8–17–65, Cl. 176—66.
Morrison, Willard L., to The Union Stock Yard and Transit Co. of Chicago. Method of shipping frozen food. 3,225,553, 12–28–65, Cl. 62—76.
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Morriss, James C., Jr., and A. D. Owen, to Smith-Blair, Inc. Band attaching means for pipe clamp having malleable jaws. 3,195,205, 7–20–65, Cl. 24—279.
Morrissey, Joseph W., to Corning Glass Works. Coating thickness measuring device. 3,168,784, 2–9–65, Cl. 33—172.
Morrissey, William E. Fishing tackle box. 3,201,017, 8–17–65, Cl. 224—26.
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Morrissey, William S., W. D. Teague, Jr., and R. S. Holden, to The Keeney Mfg. Co. Float-type humidifier. 3,209,124, 9–28–65, Cl. 219—272.
Morrow, Alfred C., and H. S. Barr, Jr., to Pneumafil Corp. Roll clearing. 3,196,476, 7–27–65, Cl. 15—256.52.
Morrow, Alfred C., and I. L. Smith, to Pneumafil Corp. Multiple roll clearing. 3,200,013, 8–10–65, Cl. 134—6.
Morrow, Austin G. Deflector and guide means for an endless pick-up conveyor. 3,209,526, 10–5–65, Cl. 56—345.
Morrow, Duane F., to Parke, Davis & Co. 17β-amino-17α-pregnen-20-one compounds and the production thereof. 3,187,022, 6–1–65, Cl. 260—397.3.
Morrow, Eugene D., and J. E. Maloch. Business forms for use in time-and-amount-controlled credit transactions. 3,216,743, 11–9–65, Cl. 283—66.
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Morrow, George W., Jr., and N. B. Sackrison, to Central Commercial Co. Mineral surfacing granules containing calcined clay. 3,169,075, 2–9–65, Cl. 117—27.
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Morrow, Robert S., and G. H. Thomas, to International Research and Development Corp. Continuous vibration monitor device. 3,201,776, 8–17–65, Cl. 340—261.
Morrow, Scott I., to Thiokol Chemical Corp. Method of making nitrogen fluorides. 3,214,237, 10–26–65, Cl. 23—14.
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Morse, James H., to Hughes Aircraft Co. Optical maser system for production of repetitive short pulses of coherent light. 3,178,657, 4–13–65, Cl. 331—94.5.
Morse, James H., and E. J. Woodbury, to Hughes Aircraft Co. Optical maser system for obtaining short pulses of emitted energy. 3,199,049, 8–3–65, Cl. 331—94.5.
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Morse, John F. Single lever control for a throttle and an electrically operated clutch. 3,165,941, 1–19–65, Cl. 74—472.
Morse, John F. Resilient torsional coupling. 3,199,315, 8–10–65, Cl. 64—27.
Morse, John F. Steering assembly for outdrive marine propulsion units. 3,202,125, 8–24–65, Cl. 115—35.
Morse, John F. Single lever control unit for clutch and throttle having a throttle dwell and an auxiliary throttle control. 3,204,732, 9–7–65, Cl. 192—96.
Morse, John F. Adjustable interlock for auxiliary throttle control. 3,204,733, 9–7–65, Cl. 192—96.
Morse, John F. Steering and motion transmitting mechanism. 3,208,300, 9–28–65, Cl. 74—498.
Morse, Lynn H., to Omco, Inc. Method and apparatus for sealing a pipe line. 3,221,758, 12–7–65, Cl. 137—15.
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Morse, Milton. Threaded sealing devices having O-ring recess of asymmetrical configuration. 3,175,454, 3–30–65, Cl. 85—9.
Morse, Milton. Multi-ribbed sealing device. 3,175,833, 3–30–65, Cl. 277—207.
Morse, Milton. Manually releasable grounding electrical plug. 3,178,667, 4–13–65, Cl. 339—14.
Morse, Milton. Wire terminal device having screw guiding means. 3,218,602, 11–16–65, Cl. 339—97.
Morse, Park L., to American Gilsonite Co. Insulating and corrosion protective material and method of application. Re. 25,757, 4–6–65, Cl. 264—35.
Morse, Paul M., 33% to J. E. Morse. Rolling body engine with multiple rotors. 3,207,425, 9–21–65, Cl. 230—141.
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Carter, Paul H., Morse, and Marion. 3,171,367.
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Morse, Stanley H., to Primore Sales, Inc. Valve and swivel coupling for refrigeration systems. 3,198,480, 8–3–65, Cl. 251—148.
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Mudd, James F., and E. H. Casey, to Phillips Petroleum Co. Apparatus for the recovery of solids from pressure vessels. 3,203,766, 8–31–65, Cl. 23—252.

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Muehlhausen, Charles H., to Oliver Corp. Bale guiding means. 3,198,356, 8–3–65, Cl. 214—83.3.

Muelberger, Eric, Jr. Personal identification apparatus and method. 3,224,111, 12–21–65, Cl. 35—3.

Mueller, Albert J., and L. E. Wills, to Great Lakes Carbon Corp. Lighter fluid for barbecue briquet ignition. 3,226,208, 12–28–65, Cl. 44—7.

Mueller, Alfred: *See*—
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Mueller, Allan E. Retractable clothes line support. 3,176,851, 4–6–65, Cl. 211—119.15.

Mueller, Armand G., to Square D Co. Electrical assembly. 3,167,689, 1–26–65, Cl. 317—100.

Mueller, Armand G., to Square D Co. Mounting means for semiconductor devices. 3,192,444, 6–29–65, Cl. 317—100.

Mueller, Arthur C.: *See*—
Macomber, Clark C., and Mueller. 3,220,325.
Mayer, Peter J., Jr., and Mueller. 3,201,798.

Mueller Brass Co.: *See*—
Fueslein, John R., Rader, and Roper. 3,200,984.
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Rader, Robert R. 3,191,398.

Mueller, Charles. Device for grooming nails of animals. 3,176,695, 4–6–65, Cl. 132—75.8.

Mueller, Charles W., to Radio Corp. of America. Symmetrical power transistor. 3,166,694, 1–19–65, Cl. 317—235.

Mueller, Charles W., to Radio Corp. of America. Semiconductor devices. 3,208,924, 9–28–65, Cl. 204—143.

Mueller Co.: *See*—
Bowan, Walte J., and Floren. 3,185,501.
Larry, Timothy A. 3,170,226.
Mueller, Frank H. 3,168,280.
Mueller, Frank H. 3,187,570.
Mueller, Frank H., and Luckenbill. 3,211,173.
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Mueller, Frank H., and Smith. 3,223,110.

Mueller, Dave C., to International Business Machines Corp. Matrix of coincidence gates having column and row selection. 3,165,719, 1–12–65, Cl. 340—166.

Mueller, Edward E., D. B. Bartz, M. J. Christensen, and M. C. Mueller, to Whirl-Air-Flow Corp. Apparatus for injecting bulk solids into material contained in a vessel. 3,199,924, 8–10–65, Cl. 302—36.

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Smith, Horace L., Jr., and Mueller. 3,166,263.

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Mueller, Frank H., to Mueller Co. By-pass for fluid meter. 3,187,570, 6–8–65, Cl. 73—201.
Mueller, Frank H., and J. J. Smith, to Mueller Co. Valving structure for fire hydrant. 3,185,171, 5–25–65, Cl. 137—283.
Mueller, Frank H., and L. F. Luckenbill, to Mueller Co. Combined service T and excessive-flow safety valve. 3,211,173, 10–12–65, Cl. 137—454.5.
Mueller, Frank H., and J. J. Smith, to Mueller Co. Fire hydrant with self-contained detachable operating assembly with lubricant reservoir. 3,223,110, 12–14–65, Cl. 137—298.
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Mueller, Fritz W. H., and C. B. Roth, to General Aniline & Film Corp. Photopolymerization of vinyl monomers by means of thallium compounds as catalysts. 3,201,255, 8–17–65, Cl. 96—115.
Mueller, Gustav A., to Union Carbide Corp. Formation of negative electrodes. 3,184,338, 5–18–65, Cl. 136—75.
Mueller, Gustav A., to Union Carbide Corp. Method for preparing positive electrodes. 3,203,879, 8–31–65, Cl. 204—56.
Mueller, Heinz E., to Martin-Marietta Corp. Multi-chambered liquid propellant thrust device. 3,224,192, 12–21–65, Cl. 60—35.6.
Mueller, Herbert: *See*—
Wittenberg, Dietmar, and Mueller. 3,214,484.
Mueller, Herbert, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of oligomers of 1,3-dienes. 3,167,593, 1–26–65, Cl. 260—666.
Mueller, Jacob: *See*—
Schwartz, Leon, and Mueller. 3,200,361.
Schwartz, Leon, and Mueller. 3,209,310.
Muller, Jacques. Apparatus for removing a surface layer from a body of liquid. 3,221,884, 12–7–65, Cl. 210—242.
Muller, Jacques, to Rellumit Inter, S.a.r.L. Cleaning device for fluid filter. 3,221,888, 12–7–65, Cl. 210—333.
Mueller, Johannes G., to Weil-McLain Co., Inc. Sectional boiler construction. 3,215,125, 11–2–65, Cl. 122—225.
Mueller, John D., and J. D. Russell, to Ethyl Corp. Gaging device for electrolysis cell. 3,208,152, 9–28–65, Cl. 33—180.
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Mueller, Klaus P., to Robertshaw Controls Co. Pressure actuated control device. 3,181,425, 5–4–65, Cl. 91—25.
Mueller, Lawrence E., to Burroughs Corp. Machine for cutting, forming and inserting leads of electrical components.
Mueller, Manfred, and W. Schulz, to Agfa Aktiengesellschaft. Automatic camera with self-timer. 3,198,099, 8–3–65, Cl. 95—53.3.
Mueller, Manfred, and W. Schulz, to Agfa Aktiengesellschaft. Combined shutter and diaphragm assembly. 3,198,101, 8–3–65, Cl. 95—63.
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Mueller, Marvin C.: *See*—
Blackwood, Robert K., Rennhard, Beereboom, and Stephens. 3,200,149.
Mueller, Max B.: *See*—
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Mueller, Otto. Differential transmission. 3,198,035, 8–3–65, Cl. 74—650.
Mueller, Otto. Boat bailer. 3,217,685, 11–16–65, Cl. 114—183.
Mueller, Paul, A. F. Burl, H. Pfister, and R. Trefzer, to Ciba Corp. Process for the manufacture of arylsulfochlorides. 3,211,786, 10–12–65, Cl. 260—543.
Mueller, Peter A., to Mueller Seal Co. Rotary mechanical seal. 3,203,704, 8–31–65, Cl. 277—42.
Mueller, Peter A., to Mueller Seal Co. Rotary mechanical seal. 3,220,741, 11–30–65, Cl. 277—92.
Mueller, Richard C. Teaching machine. 3,172,216, 3–9–65, Cl. 35—48.
Mueller, Richard J., to Automatic Canteen Co. of America. Liquid level control apparatus. 3,170,479, 2–23–65, Cl. 137—392.
Mueller, Richard J., and J. Johnson, to Automatic Canteen Co. of America. Dispensing units. Re. 25,950, 12–14–65, Cl. 62—344
Mueller, Robert C., to Bemis Co., Inc. Bag. 3,226,009, 12–28–65, Cl. 229—66.
Mueller, Robert J., to General Electric Co. Selectively engageable power-assist for X-ray table components. 3,215,835, 11–2–65, Cl. 250—58.
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Mueller, Peter A. 3,220,741.
Mueller, Walter: *See*—
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Mueller, Walter, to Burroughs Corp. Means for connecting electrical component to circuit board. 3,209,209, 9–28–65, Cl. 317—101.
Mueller, Walter E. Wall form, waler, and a waler bracket. 3,185,433, 5–25–65, Cl. 249—210.
Mueller, Werner, H. Distler, and A. Palm, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Alkane sulfonic acid esters substituted in β-position by ether groups and their production. 3,190,906, 6–22–65, Cl. 260—456.
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3,167,780, 2–2–65, Cl. 1—322.
Muench, Werner, T. Argenziamo, M. Taverna, and L. Notarbartolo, deceased (E. Pascalino, administratrix), and P. Notarbartolo, heiress, to Snia Viscosa Societá Nazionale Industria Applicazioni Viscosa S.p.A. Method for the continuous production of caprolactam. 3,167,543, 1–26–65, Cl. 260—239.3.
Muench, Werner, G. Messina, M. Taverna, and L. Notarbartolo, deceased (by E. Pascalino, administratrix), and P. Notarbartolo, heiress, to Snia Viscosa Societa Nazionale Industria Applicazioni. Process for the preparation of caprolactam. 3,200,112, 8–10–65, Cl. 260—239.3.
Muennich, Lawrence. Floral basket. 3,224,144, 12–21–65, Cl. 47—35.
Muessel, Dan C., to American Metal Climax, Inc. Window structure. 3,181,204, 5–4–65, Cl. 20—53.
Muetterties, Earl L.: *See*—
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Miller, Henry C., and Muetterties. 3,169,045.
Muetterties, Earl L., to E. I. du Pont de Nemours & Co. Metal chelates of 1-amino-7-imino-1,3,5-cycloheptatrienes. 3,177,232, 4–6–65, Cl. 260—429.7.
Muetterties, Earl L., to E. I. du Pont de Nemours and Co. Silicon and germanium chelates of tropolones. 3,177,237, 4–6–65, Cl. 260—448.2.
Muetterties, Earl L., to E. I. du Pont de Nemours and Co. Boron tropolone chelates. 3,177,240, 4–6–65, Cl. 260—462.
Muffly, Glenn. Sealing device for refrigerator doors. 3,208,810, 9–28–65, Cl. 312—296.
Muggeridge, Reginald, to Rotax Ltd. Electrical stand-by circuits. 3,177,398, 4–6–65, Cl. 315—88.
Muggleton, Gerald D., to Combined Locks Paper Co. Roller apparatus for coating paper web. 3,175,532, 3–30–65, Cl. 118—119.
Muggleton, Gerald D., to Combined Locks Paper Co. Method and apparatus for treating the web in a paper making machine by a lump crusher roll. 3,214,328, 10–26–65, Cl. 162—205.
Muggli, Lawrence A., and K. E. Berg. Separable tiered cake stand. 3,169,496, 2–16–65, Cl. 108—94.
Mugnier, Joachim. Multiple-platform office desks. 3,184,274, 5–18–65, Cl. 312—196.
Mugno, Michele, to Montecatini Societa Generale per L'Industria Mineraria e Chimica. Bis-dithiocarbamate fungicides. 3,178,336, 4–13–65, Cl. 167—22.
Muhlbach, Anton, to United Shoe Machinery Corp. Cutting press having control for initiating cutting strokes of different lengths. 3,171,318, 3–2–65, Cl. 83—530.
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Muhleisen, Lothar: *See*—
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Hoppe, Peter; Weinbrenner, Muhlhausen, and Breer. 3,188,296.
Knipp, Ulrich, and Mühlhausen. 3,170,972.
Muhlhausen, Cornelius, and W. Kallert, ½ to Farbenfabriken Bayer Aktiengesellschaft, and ½ to Mobay Chemical Co. Process of polyisocyanate modification of polyurethane elastomers. 3,164,439, 1–5–65, Cl. 8—115.5.
Muijderman, Everhardus A., to North American Philips Co., Inc. Axial bearing provided with a lubricant. 3,207,563, 9–21–65, Cl. 308—172.
Muije, Pieter, W. R. Mohondro, and M. C. Fetzer, to Kaiser Aluminum and Chemical Corp. Laminated aluminum article. 3,167,405, 1–26–65, Cl. 29—197.
Muir, David. Method of making finely divided silicon dioxide. 3,218,726, 11–23–65, Cl. 34—5.
Muir, Douglas F., Jr.: *See*—
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Williamson, David T. N., and Muir. 3,171,415.
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Hoer, Kenneth G. 3,210,467.
Phillips, Eric T. A., Banks, and Kirchel. 3,197,679.
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Mukaiyama, Teruaki, and T. Hata, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for making pyrophosphate esters using ketene dimer. 3,176,036, 3–30–65, Cl. 260—461.
Mukaiyama, Teruaki, and T. Hata, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for preparing organophosphate esters. 3,188,309, 6–8–65, Cl. 260—211.5.
Mukaiyama, Teruaki, and T. Hata, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for preparing pyrophosphate nucleotides. 3,188,310, 6–8–65, Cl. 260—211.5.
Mulaskey, Bernard F.: *See*—
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Mulaskey, Bernard F., R. H. Lindquist, and H. F. Harnsberger, to California Research Corp. Dehydrogenation process and catalysts therefor. 3,189,661, 6–15–65, Cl. 260—680.
Mulats, Albert, to Agfa Aktiengesellschaft. Shutter-diaphragm assembly for cameras. 3,164,077, 1–5–65, Cl. 95—63.
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Mulcahey, Robert L., to United Aircraft Corp. Cooling arrangement for crossover tubes. 3,184,918, 5–25–65, Cl. 60—39.66.
Mulcahy, George R., Jr., and O. B. Ferguson. Mid-air parachute release device. 3,224,714, 12–21–65, Cl. 244—138.
Mulcahy, Harry W., and D. R. Holm, to W. H. Miner, Inc. Shock absorbing system. 3,176,855, 4–6–65, Cl. 213—43.
Mulcahy, Harry W., and J. T. Ellis, Jr., to W. H. Miner, Inc. Hydraulic friction draft gear. 3,198,346, 8–3–65, Cl. 213—43.
Mulcahy, Ruth. Bedside support. 3,176,322, 4–6–65, Cl. 5—92.
Mulch, Hans, to Ernst Leitz, Gesellschaft mit beschrankter Haftung. Slide projector for slides in a magazine or in a separate container. 3,170,370, 2–23–65, Cl. 88—28.
Mulch, Hans, to Ernst Leitz G.m.b.H. Storage container for slide magazines. 3,180,697, 4–27–65, Cl. 312—293.
Mulch, Hans, to Ernst Leitz, Gesellschaft mit beschrankter Haftung. Automatic slide changing mechanism. 3,192,-657, 7–6–65, Cl. 40—79.
Mulch, Hans, W. Jung, and H. Lussem, to Ernst Leitz, Gesellschaft mit beschrankter Haftung. Reversible control switch for a slide projector having a slide position indicator. 3,171,006, 2–23–65, Cl. 200—167.
Mulder, Harry: *See*—
Maillie, James B., and Mulder. 3,223,491.
Mulder, Harry, to The Firestone Tire & Rubber Co. Bung patch plate assembly method. 3,223,062, 12–14–65, Cl. 113—120.
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Muldoon, William J., to Hughes Aircraft Co. Programmed digital to analog function generator motor control for an X-Y plotter. 3,217,219, 11–9–65, Cl. 318—162.
Muldoon, William J., and R. W. Peterson, to Hughes Aircraft Co. Programmed digital to analog function generator motor control for an X-Y plotter. 3,225,279, 12–21–65, Cl. 318—162.
Mulford, Stewart F., to Baldwin-Lima-Hamilton Corp. Evaporator construction. 3,172,824, 3–9–65, Cl. 202—173.
Mülhaupt, Gustav. Railway car having independently rotating wheels and guiding rim. 3,182,513, 5–11–65, Cl. 73—514.
Mulhern, William A., and E. G. Spisak, to Gar Wood Industries, Inc. Wheel cover. 3,174,803, 3–23–65, Cl. 301—37.
Mulinos, Michael G., to Commercial Solvents Corp. Triamine acid addition salts of caprylic, propionic and undecylenic acids. 3,164,619, 1–5–65, Cl. 260—404.5.
Mulkin, Marion A. Therapeutic, gravity actuated, sustained pressure applicator. 3,213,853, 10–26–65, Cl. 128—69.
Müll, Arnold, to Metallgesellschaft Aktiengesellschaft. Cooling apparatus for hot bulk materials. 3,169,051, 2–9–65, Cl. 34—174.
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DeStevens, George, and Mull. 3,211,735.
Mull, Robert P., to Ciba Corp. 3-amino-1-diazacycloalkyl-alkyl-guanidines. 3,178,433, 4–13–65, Cl. 260—268.
Mull, Robert P., to Ciba Corp. N-(2-guanidinoethyl)-N-(picolyl)-amines. 3,178,443, 4–13–65, Cl. 260—296.
Mull, Robert P., to Ciba Corp. 1-[2-(N,N-alkylene-imino)-alkyl]-2-amino-guanidines and intermediates therefor. 3,189,599, 6–15–65, Cl. 260—239.
Mull, Robert P., to Ciba Corp. N,N-alkylene-imino-lower alkano amidine compounds. 3,189,601, 6–15–65, Cl. 260—239.
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Mullarkey, Edward J. Weight balancing arrangement. Re. 25,800, 6–15–65, Cl. 74—573.
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Mullen, Jerry R. Liquid disenser for accurately dispensing equal measured amounts of liquid. 3,217,948, 11–16–65, Cl. 222—424.
Mullen, John H., to Westinghouse Electric Corp. Control switch operator. 3,169,406, 2–16–65, Cl. 74—99.
Mullen, John H., to Westinghouse Electric Corp. Control switch actuating means. 3,170,995, 2–23–65, Cl. 200—4.
Mullen, Owen K. Height indicating gauge. 3,205,586, 9–14–65, Cl. 33—185.
Mullenger, Keith E., to Servo Corp. of America. Hot box detector. 3,201,584, 8–17–65, Cl. 246—169.
Muller, Albert, to Air Reduction Co., Inc. Electric arc welding. 3,178,552, 4–13–65, Cl. 219—74.
Muller, Alex M., to Telautograph Corp. Position control system. 3,172,950, 3–9–65, Cl. 178—19.
Müller, Alf J., to Daimler-Benz Aktiengesellschaft. Wheel suspension for vehicles, especially motor vehicles. 3,174,-771, 3–23–65, Cl. 280—124.
Müller, Alf J., to Daimler-Benz Aktiengesellschaft. Axle gear construction. 3,198,036, 8–3–65, Cl. 74—710.
Muller, Alf J., to Daimler-Benz Aktiengesellschaft. Wheel suspension in vehicles. 3,220,502, 11–30–65, Cl. 180—73.
Muller, Alfred H. and E., to Daimler-Benz Aktiengesellschaft. Rotary piston internal combustion engine. 3,165,259, 1–12–65, Cl. 230—207.
Müller, Bernhard. Admixing apparatus. 3,224,637, 12–21–65, Cl. 222—57.
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Muller, Erich. Anti-glare device. 3,212,102, 10–19–65, Cl. 2—12.
Muller, Erich H. K., to Huttenwerk Salzgitter Aktiengesellschaft. Process and apparatus for degassing of fluid metals. 3,212,767, 10–19–65, Cl. 266—34.
Müller, Ernst, to Hydraulik G.m.b.H. Extrusion devices. 3,164,253, 1–5–65, Cl. 207—15.
Muller, Ernst, to Hydraulik G.m.b.H. Extrusion press. 3,190,102, 6–22–65, Cl. 72—265.
Muller, Ernst. Machine for incasing cables and the like. 3,203,216, 8–31–65, Cl. 72—258.
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Merten, Rudolf, Müller, and Braun. 3,202,620.
Schmidt, Karl-Ludwig, Müller, Scheurlen, and Lober. 3,192,170.
Müller, Erwin, O. Bayer, and S. Petersen, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of polyamines. 3,184,502, 5–18–65, Cl. 260—482.
Müller, Erwin, K. Schmidt, and H. Schultheis, to Farbenfabriken Bayer Aktiengesellschaft. Chain extended polyether prepolymer polyurethane castings. 3,192,186, 6–29–65, Cl. 260—77.5.
Muller, Erwin, and K. Dinges, to Farbenfabriken Bayer Aktiengesellschaft. Copolymers having self-cross-linking properties. 3,206,425, 9–14–65, Cl. 260—29.6.
Muller, Erwin, A. Reischl, and K. Ellegast, to Farbenfabriken Bayer Aktiengesellschaft. Polyurethane casting process. 3,211,701, 10–12–65, Cl. 260—75.
Müller, Felix, to Kienzle Apparate G.m.b.H. Magnetic tumbler switch. 3,226,509, 12–28–65, Cl. 200—113.
Muller, Felix, and N. Helmschrott, to Kienzle Apparate G.m.b.H. Erasing arrangement for recording devices. 3,184,748, 5–18–65, Cl. 346—21.
Muller, Frank A. Clamp for pantograph arms. 3,184,850, 5–25–65, Cl. 33—25.
Muller, Frank G. Butterfly valve assembly and seal forming means therefor. 3,215,400, 11–2–65, Cl. 251—306.
Muller, Franz, B. Kohlhaas, and L. Winners, to Klockner-Humboldt-Deutz Aktiengesellschaft. Method and apparatus for heating and burning cement raw material, containing alkali. 3,212,764, 10–19–65, Cl. 263—32.
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Müller, Friedrich. Combined room heating and warm water preparing apparatus. 3,171,387, 3–2–65, Cl. 122—33.
Müller, Fritz: *See*—
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Muller, George H., to Ford Motor Co. Vehicular power plant. 3,213,958, 10–26–65, Cl. 180—55.
Muller, Georges, to Roussel-UCLAF. New colchicinic and thiocolchicinic derivatives and process of preparation. 3,194,835, 7–13–65, Cl. 260—554.
Muller, Georges, and A. Poittevin, to Roussel-UCLAF. Preparation of hydroxy-hydroxymethylated steroids. 3,174,970, 3–23–65, Cl. 260—239.55.
Muller, Georges, and R. Bardoneschi, to Roussel-UCLAF, S.A. 18-20-lactone of 20β-hydroxy-5β-pregnane-3,11-dione-18-oic acid. 3,180,865, 4–27–65, Cl. 260—239.57.
Muller, Georges, and J. Martel, to Roussel-UCLAF, S.A. A-nor-B-homo-5(6)-estrene-17β-ol-3-one and 17β-acyloxy derivatives thereof. 3,184,504, 5–18–65, Cl. 260—488.
Muller, Georges, and A. Poittevin, to Roussel-UCLAF, S.A. 17α-ethynyl-17β-hydroxy-A-nor-B-homo-estranes and their process of preparation. 3,192,266, 6–29–65, Cl. 260—586.
Muller, Georges, and A. Poittevin, to Roussel-UCLAF, S.A. A-nor-B-homo-steroids having isoxazole substituent and process of preparation. 3,198,805, 8–3–65, Cl. 260—307.
Muller, Georges, A. Allais, and R. Bardoneschi, to Roussel-UCLAF, S.A. Methylated derivatives of yohimbane, process of preparation and process of medicinal utilization. 3,218,325, 11–16–65, Cl. 260—287.
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Müller, Heinz, to Siemens-Electrogerate Aktiengesellschaft. Thermoelectric cooling apparatus. 3,191,391, 6–29–65, Cl. 62—3.
Müller, Heinz and F., to Siemens-Electrogerate Aktiengesellschaft. Thermoelectric refrigerating appliances. 3,220,198, 11–30–65, Cl. 62—3.
Muller, Hellmut. Conveying and supporting device for conveying and displacing heavy objects. 3,193,905, 7–13–65, Cl. 29—1.
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Müller, Helmut, and G. Staudenmaier, to Voith-Getriebe KG. Fluid flow brake with means for controlling the braking action thereof. 3,176,799, 4–6–65, Cl. 188—90.
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Muller, Jacques. Reinforced pipes incorporating a ground wire. 3,189,676, 6–15–65, Cl. 174—47.
Muller, Jacques. Immiscible fluids separator. 3,195,295, 7–20–65, Cl. 55—166.
Muller, Jacques, to Rellumit Inter, S.a.r.L. Filtering assembly. 3,195,730, 7–20–65, Cl. 210—488.
Muller, Jacques, to Rellumit Inter, S.a.r.L. Method and apparatus for treating immiscible liquids. 3,214,368, 10–26–65, Cl. 210—23.
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Muller, Jacques. Floating separator. 3,223,243, 12–14–65, Cl. 210—242.
Muller, Jakob. Apparatus for monitoring the available weft thread supply from shuttle means in a loom. 3,208,481, 9–28–65, Cl. 139—273.
Muller, Jean-Louis, and J. Beguin. Calendar mechanism. 3,220,134, 11–30–65, Cl. 40—335.
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Muller, Johann, to H. and F. W. Deckel. Console milling machine. 3,195,413, 7–20–65, Cl. 90—17.
Muller, Johann, to H. and F. W. Deckel. Machine tool. 3,200,470, 8–17–65, Cl. 29—26.
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Muller, John E., to Acme Air Appliance Co., Inc. Combined filling and dispensing valve for containers for compressed fluids. 3,180,374, 4–27–65, Cl. 141—20.
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Muller, Josef, and K. Löwenstein, to Trilux-Lenze K.G. Lamp for fluorescent illumination. 3,185,835, 5–25–65, Cl. 240—51.11.
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Müller, Karl, to G. Siempelkamp & Co. Plant for producing pressed sheets. 3,206,800, 9–21–65, Cl. 18—4.
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Muller, Manfred, and W. Schulz, to Agfa Aktiengesellschaft. Shutter diaphragm construction for photographic camera. 3,176,598, 4–6–65, Cl. 95—10.
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Muller, Martin, H. Derschmidt, and A. Schwarz, to Bolkow-Entwicklungen Kommanditgesellschaft. Helicopter rotor construction. 3,204,701, 9–7–65, Cl. 170—160.25.
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Muller, Paul. Luminous source wherein the luminescent material is activated by radiation from a radioactive source. 3,176,132, 3–30–65, Cl. 250—71.
Muller, Paul, to Miwag Mikrowellen AG. Door for microwave ovens. 3,197,600, 7–27–65, Cl. 219—10.55.
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Muller, Paul A. Method of and arrangement for producing crimped flat material. 3,179,024, 4–20–65, Cl. 93—1.
Muller, Paul A. Method of making cigarette filter plugs of fibrous material containing thermoplastic fibers. 3,180,911, 4–27–65, Cl. 264—119.
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Muller, Peter, to Andrews Paper & Chemical Co. Thermal diazotype method and developer sheet for use therein. 3,203,797, 8–31–65, Cl. 96—49.
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Mullers, Fritz, to Rokal G.m.b.H. Mixing valve with flexible sleeve control. 3,220,436, 11–30–65, Cl. 137—625.41.
Mullers, Karl A. Automatic winding device, particularly an automatic cross-winding device with moving winding locations and a stationary knot-jointing- and spool-changing-apparatus. 3,182,922, 5–11–65, Cl. 242—35.5.
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Mullin, Hugh A., and W. H. Tomlinson, to Columbian Steel Tank Co. Grease tank trailer. 3,172,566, 3–9–65, Cl. 222—39.
Mullin, John T., to Minnesota Mining and Mfg. Co. Transducing system for photographically recording video images and sound signals related thereto. 3,189,683, 6–15–65, Cl. 178—5.6.
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Mullins, Darrell D., and L. A. Walker, to Monsanto Co. Nitrosoanilinonitroalkanes. 3,225,100, 12–21–65, Cl. 260—577.
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Mumma, Harold J., to FMC Corp. Machine for handling eggs. 3,225,948, 12–28–65, Cl. 214—314.
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Mummendey, Arthur, to Jasco Aluminum Extrusions Corp. Actuating mechanism for window sash mounting and locking arrangement. 3,179,454, 4–20–65, Cl. 292—60.
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Munday, John C., to Esso Research and Engineering Co. Heat treatment of ferrous metals with fluidized particles. 3,197,346, 7–27–65, Cl. 148—13.
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Munk, Edmund E., to Furnier- und Sperrholzwerk J. F. Werz Jr., K.G. Werzalit-Pressholzwerk Oberstenfeld. Method and apparatus for producing articles of molded particle board. 3,166,617, 1–19–65, Cl. 264—109.
Munk, Enno C., to North American Philips Co., Inc. Stereophonic phonograph transducer. 3,213,207, 10–19–65, Cl. 179—100.41.
Munn, Ben, to APF Inc. Picture frame construction. 3,200,-526, 8–17–65, Cl. 40—152.
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Munse, Robert A., to The Bishop and Babcock Corp. Electrical harness clip. 3,210,031, 10–5–65, Cl. 248—73.
Munse, Robert A., to The Bishop and Babcock Corp. Reusable screw receiving plastic fastener. 3,217,582, 11–16–65, Cl. 85—32.
Munse, Robert A., to The Bishop and Babcock Corp. Cage nut. 3,217,585, 11–16–65, Cl. 85—80.
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Munz, William, to Publication Corp. Apparatus and method for positioning a sheet or film and imposing registering means therein. 3,198,047, 8–3–65, Cl. 83—33.
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Muravjev, Ivan A., and V. D. Ponomarev. Method for deriving glycyrrhiric production. 3,164,581, 1–5–65, Cl. 260—210.5.
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Murphy, Frank E., Jr., to Corning Glass Works. Stable fluid amplifiers. 3,181,545, 5–4–65, Cl. 137—81.5.

Murphy, Frank W., Jr. Adjustable lever-actuated open-blade snap-action electrical switch. 3,200,213, 8–10–65, Cl. 200—67.

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Murphy, Shirley D., and G. F. Farmer. Ice making machine. 3,175,369, 3–30–65, Cl. 62—3.

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Murphy, Walter T., and B. F. Cinadr, to The B. F. Goodrich Co. One step polyamine curing for polyurethane threads. 3,165,566, 1–12–65, Cl. 264—184.

Murphy, William K., and G. J. Mercier, to The Murphy Door Bed Co., Inc. Convertible sofa. 3,167,788, 2–2–65, Cl. 5—17.

Murphy, William W., to The Torrington Co. Combined radial and thrust bearing. 3,167,363, 1–26–65, Cl. 308—174.

Murphy, William W., to The Torrington Co. Combined radial and dual thrust bearing for shafts. 3,168,359, 2–2–65, Cl. 308—174.

Murr, Eugene W. Tension release mechanism. 3,205,716, 9–14–65, Cl. 74—2.

Murr, John, Jr., and H. O. Hook, to Radio Corp. of America. Storage-type electroluminescent image simplifier. 3,204,-106, 8–31–65, Cl. 250—213.

Murr, William C., and G. J. Eilers, Jr., to Bio-Engineering, Inc. Electric tonometer. 3,184,960, 5–25–65, Cl. 73—80.

Murray, Alan E. Method of forming thin resilient shells. 3,197,534, 7–27–65, Cl. 264—223.

Murray, Alan E. Method of making color designs in gypsum sheets. 3,206,527, 9–14–65, Cl. 264—73.

Murray, Allen E., and M. J. Herzberger, to United States of America, Navy. Infrared refracting lens system. 3,217,596, 11–16–65, Cl. 88—57.

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Murray, Donald J., and S. M. Rutter, to Afco-Murray Corp. Slat or panel for furniture structures. 3,205,008, 9–7–65, Cl. 297—452.

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Murray, Ned. Rotary cylinder mixing machine. 3,194,538, 7–13–65, Cl. 259—3.
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Murray, Patrick J., to Halmur, Inc. Method of and system for sewage treatment. 3,186,939, 6–1–65, Cl. 210—7.
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Murray, William B. Fluid flow meter. 3,169,397, 2–16–65, Cl. 73—231.
Murray, William B. Water treating device and electrolytic cells for use therewith. 3,223,242, 12–14–65, Cl. 210—139.
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Murry, Robert O. Hermetically sealed resistor. 3,173,122, 3–9–65, Cl. 338—237.
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Murtland, James B., Jr., C. F. Rebhun, and H. S. Jackson, to Allegheny Ludlum Steel Corp. Metallurgical furnace control. 3,186,043, 6–1–65, Cl. 22—200.
Murtland, James B., Jr., C. F. Rebhun, and H. S. Jackson, to Allegheny Ludlum Steel Corp. Control system for consumable electrode furnace. 3,187,077, 6–1–65, Cl. 13—13.
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Murton, Crawford B., to Vesurius Crucible Co. Stopper for a ladle or similar receptacle. 3,183,564, 5–18–65, Cl. 22—85.
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Muschelknautz, Edgar, to Farbenfabriken Bayer Aktiengesellschaft. Process and apparatus for determining the distribution of grain size in powders. 3,206,983, 9–21–65, Cl. 73—432.
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Musgrave, Donald C., to I-T-E Circuit Breaker Co. Method of insulating bus bar joints. 3,178,326, 4–13–65, Cl. 156—49.
Musgrave, Earle. Pre-gapped distributor points. 3,207,963, 9–21–65, Cl. 200—30.
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Neal, Morris P., to A-B-C Packaging Machine Corp. Apparatus and method of connecting overlapped layers of corrugated fibre board. 3,190,192, 6–22–65, Cl. 93—1.1.
Neal, Norman D., and H. E. Merritt, to The Cincinnati Milling Machine Co. Machine tool position control servomechanism with positioning rate control. 3,206,663, 9–14–65, Cl. 318—28.
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Neal, Thomas H., Jr., and H. D. Whitlow. Package opener. 3,215,334, 11–2–65, Cl. 229—51.
Neale, Albert E. T., and B. C. Roberts, to Dunlop Rubber Co. Ltd. Method of making tennis cords. 3,164,952, 1–12–65, Cl. 57—160.
Neale, Charles E., to Southern Bleachery & Print Works, Inc. Sulfur dye baths containing alkali metal borohydrides and process of dyeing cellulose textiles therewith. 3,195,974, 7–20–65, Cl. 8—37.
Neale, Denis M., to Ilford Ltd. Light modulation system using phase controlled synchronous motors. 3,213,377, 10–19–65, Cl. 328—155.
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Maderni, Piero, Neier, and Wehrli. 3,213,079.
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Nelson, Edward F. Level and slope gauge. 3,213,540, 10–26–65, Cl. 33—70.
Nelson, Edward J., to Ballantyne Instruments and Electronics, Inc. Method of deep fat frying and cooking. 3,194,662, 7–13–65, Cl. 99—1.
Nelson, Edwin B.: *See*—
Ford, Franklin C., Nelson, Trimble, and Zizzo. 3,185,063.
Nelson, Elwood E.: *See*—
Lehrian, William R., Nelson, and Yeakley. 3,225,111.
Nelson, Evan H.: *See*—
Mason, Ronald A. L., Nelson, and Rigden. 3,219,868.
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Gang, Robert E., and Nelson. 3,182,231.
Nelson, Fred: *See*—
Kraus, Kurt A., and Nelson. 3,188,169.
Nelson, Fred B., to N. A. Nelson. Well drilling apparatus. 3,185,227, 5–25–65, Cl. 175—243.
Nelson, Fred B., to Norman A. Nelson. Method of and apparatus for releasing stuck pipe. 3,213,941, 10–26–65, Cl. 166—46.
Nelson, Fred B., to N. A. Nelson. Rotary drilling apparatus. 3,216,514, 11–9–65, Cl. 175—238.
Nelson, Fred W. Shield for a scoop shovel. 3,186,750, 6–1–65, Cl. 294—56.
Nelson, Fremont H.: *See*—
Bemis, Irving W., Richmond, and Nelson. 3,198,684.
Nelson, George D., to Monsanto Co. Composition for bright polishing aluminum. 3,202,612, 8–24–65, Cl. 252—79.2.
Nelson, George E.: *See*—
Meysembourg, David M., and Nelson. 3,211,431.
Nelson, George R.: *See*—
Stilley, George W., and Nelson. 3,198,650.
Nelson, George R., to Dennison Mfg. Co. Polyurethane stabilized with titanium dioxide and a dithiocarbamate. 3,182,037, 5–4–65, Cl. 260—45.75.
Nelson, Gordon E., to United Aircraft Corp. Electron beam cutting control. 3,172,989, 3–9–65, Cl. 219—121.
Nelson, Guy A., and C. J. Rosiecki, to United States Steel Corp. Method of building tubular masonry construction. 3,193,974, 7–13–65, Cl. 50—536.
Nelson, Harold A. Lifting and transporting device. 3,197,052, 7–27–65, Cl. 214—394.
Nelson, Harry A., and H. R. Otto, to United Aircraft Products, Inc. Cooling electronic heat producing elements and the like. 3,180,404, 4–27–65, Cl. 165—47.
Nelson, Harvey J., to The Budd Co. Work handling apparatus. 3,178,040, 4–13–65, Cl. 214—1.
Nelson, Herbert, and J. Bernath, to Radio Corp. of America. Transistor with emitter at bottom of groove extending crosswise the base. 3,187,241, 6–1–65, Cl. 317—234.
Nelson, Howard N., to Kimberly-Clark Corp. Cellulosic products. 3,197,109, 7–27–65, Cl. 229—37.
Nelson Ivan I., and N. C. Chamberlain, to Deere & Co. Coupling. 3,215,458, 11–2–65, Cl. 287—53.
Nelson, Iver L., to Waldorf Paper Products Co. Apparatus for electrostatically treating extruded polyethylene film and the like. 3,200,313, 8–10–65, Cl. 317—262.
Nelson, Iver L., and K. F. Halladin, to Waldorf Paper Products Co. Carton coating apparatus. 3,169,081, 2–9–65, Cl. 118—60.
Nelson, James A.: *See*—
Neitzel, Joseph C., and Nelson. 3,177,529.
Walker, Norman C., and Nelson. 3,185,932.
Nelson, James A. Combination cultivating and furrowing tool. 3,174,558, 3–23–65, Cl. 172—722.
Nelson, James C.: *See*—
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Nelson, James C., to Business Systems Inc. Work enclosing table. 3,215,483, 11–2–65, Cl. 312—249.
Nelson James F.: *See*—
Logan, Hugh H., Doty, and Nelson. 3,184,762.

Nelson, James J., and J. E. Jones, to Ohio Plate Glass Co. Portable combined display fixture and room divider screen. 3,171,543, 3–2–65. Cl. 211—45.
Nelson, Jerome W.: *See*—
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Nelson, Jerome W., G. E. Faulkner, and H. C. Cook, to Esso Research and Engineering Co. Apparatus for welding pipe lines. 3,196,245, 7–20–65, Cl. 219—60.
Nelson, John C.: *See*—
Dixson, Henry P., Nelson, Beaman, and Buhner. 3,164,-512.
Nelson, John F., to Illinois Tool Works Inc. Multiple tool holders. 3,187,902. 6–8–65, Cl. 211—60.
Nelson, John F., to Illinois Tool Works Inc. Adjustable removable molding clip. 3,205,546, 9–14–65, Cl. 24—213.
Nelson, John I.: *See*—
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Nelson, John P., and J. F. Dernovshek, to The Goodyear Tire & Rubber Co. Air cooled disc brake. 3,217,844, 11–16–65, Cl. 188—264.
Nelson, John R.: *See*—
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Nelson, John S. Permanent mold for casting aluminum stud chain links. 3,176,357, 4–6–65, Cl. 22—137.
Nelson, John W.: *See*—
Matson, Howard J., Nelson, and McCormick. 3,174,931.
Nelson, John W., to Sinclair Research Inc. Rust inhibiting composition. 3,190,734, 6–22–65, Cl. 44—71.
Nelson, Joseph F., to Esso Research and Engineering Co. Carbon electrodes. 3,197,395, 7–27–65, Cl. 204—294.
Nelson, Joseph L.: *See*—
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Nelson, Kenneth E., to Arizona Agrochemical Corp. Fire suppressing composition for aerial application. 3,196,108, 7–20–65, Cl. 252—2.
Nelson, Kenneth L., to King-Seeley Thermos Co. Diaphragm actuated control valves for an ice maker. 3,218,824, 11–23–65, Cl. 62—348.
Nelson, Kenneth W.: *See*—
Reed, Richard S., and Nelson. 3,178,390.
Nelson, Knut E., and C. Thierfeldt, to Dahlstrom Mfg. Corp. Pressure air line with valved take-off stations. 3,195,562, 7–20–65, Cl. 137—322.
Nelson, L. R., Mfg. Co., Inc.: *See*—
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Clement, Clyde H. 3,200,522.
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Nelson, Lorne W., and J. O. Thorsheim, to Honeywell Inc. Multi-stage temperature control apparatus. 3,215,348, 11–2–65, Cl. 236—68.
Nelson, Lowell F., to John Wood Co. Pump operating mechanism. 3,178,057, 4–13–65. Cl. 222—35.
Nelson, Maclay P., and E. Ritzheimer. Reversible bits for bulldozer and similar blades. 3,190,018, 6–22–65, Cl. 37—143.
Nelson, Milton C. Screw anchor securing tool. 3,166,210, 1–19–65, Cl. 218—43.
Nelson, N. P., Iron Works, Inc.: *See*—
Trojan, Paul J. 3,207,342.
Nelson, Norman A.: *See*—
Kagan, Fred, and Nelson. 3,172,894.
Kagan, Fred, and Nelson. 3,172,895.
Kagan, Fred, and Nelson. 3,172,896.
Nelson, Fred B. 3,185,227.
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Nelson, Norman A., to Jersey Production Research Co. Continuously determining the density of a flow stream. 3,175,-403. 3–30–65. Cl. 73—438.
Nelson, Norman A., to Jersey Production Research Co. Recording method. 3,181,164, 4–27–65, Cl. 346—1.
Nelson, Paul E. Semaphore light. 3,206,744, 9–14–65, Cl. 340—378.
Nelson, Permil N., to Lynn H. Ewing, d.b.a. Blackhawk Co. Rafter support. 3,184,800, 5–25–65, Cl. 20—1.
Nelson, Permil N., to Lynn H. Ewing, d.b.a. Blackhawk Co. Leaf sprayers. 3,185,397, 5–25–65, Cl. 239—556.
Nelson, Permil N., to L. H. Ewing, doing business as Blackhawk Co. Lawn edger. 3,207,229. 9–21–65, Cl. 172—16.
Nelson, Richard B., to Varian Associates. High frequency tube method and apparatus. 3,169,206, 2–9–65, Cl. 315—5.39.
Nelson, Richard B., to Varian Associates. Electron tube apparatus having slanted output window between offset waveguides. 3,169,209, 2–9–65, Cl. 315—39.3.
Nelson, Richard C.: *See*—
Bergstrom, Roland F., and Nelson. 3,192,158.
Nelson, Richard C., and J. Steeneken, to The Garrett Corp. Flow regulating means for valves. 3,204,660, 9–7–65, Cl. 137—505.38.
Nelson, Richard G., to Atlas Chemical Industries, Inc. Detonating means securing device. 3,170,400, 2–23–65, Cl. 102—24.
Nelson, Robert E., to General Motors Corp. Propeller synchronizer module with synchrophasing circuit. 3,177,400, 4–6–65. Cl. 317—6.
Nelson, Robert E., to General Motors Corp. D.C. amplifier including a feedback oscillator and saturable core. 3,211,-920, 10–12–65, Cl. 307—88.5.
Nelson, Robert J. Catch mechanism. 3,178,213, 4–13–65, Cl. 292—18.
Nelson, Robert J. Safety shield for electrical outlet boxes. 3,189,678, 6–15–65, Cl. 174—67.
Nelson, Robert K.: *See*—
Martin, William C., Jr., and Nelson. 3,177,565.
Nelson, Rodney A., and R. W. Belfit, Jr., to The Dow Chemical Co. Fuel gas composition. 3,226,213, 12–28–65, Cl. 48—197.
Nelson, Roland D.: *See*—
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Nelson, Rolland D., to RT & E Corp. Electrical system and method of establishing same. 3,210,604, 10–5–65, Cl. 317—15.
Nelson, Roy A. Disposable filters. 3,169,112, 2–9–65, Cl. 210—266.
Nelson, Stanley O., to Hiller Aircraft Co., Inc. Tilt wing aircraft. 3,179,352, 4–20–65, Cl. 244—7.
Nelson, T. Henry: *See*—
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Nelson, Ted. Mattress support tilt regulator. 3,220,019, 11–30–65, Cl. 5—62.
Nelson, Ted. Adjustable height bed. 3,220,020, 11–30–65, Cl. 5—63.
Nelson, Ted. Adjustable seat length hospital bed. 3,220,021, 11–30–65, Cl. 5—66.
Nelson, Ted. Hospital bed sliding foot section. 3,220,022, 11–30–65, Cl. 5—80.
Nelson, Ted. Bed side guard rail. 3,220,024, 11–30–65, Cl. 5—331.
Nelson, Ted. Table attachment means. 3,220,025, 11–30–65, Cl. 5—332.
Nelson, Ted R., to National Distillers and Chemical Corp. Device for indicating and controlling levels of variable bulk density solids mixtures. 3,174,648, 3–23–65, Cl. 222—56.
Nelson, Thomas A., and R. L. Burlingame, to The Bendix Corp. Damped bellows construction. 3,213,764, 10–26–65, Cl. 92—41.
Nelson, Thomas F., to General Electric Co. Power-operated knife. 3,203,095, 8–31–65, Cl. 30—272.
Nelson, Vaughn A., to International Harvester Co. Hydraulic control system. 3,171,496, 3–2–65, Cl. 172—9.
Nelson, Walter E., and H. B. Smith, to Varian Associates. Cavity resonator with tiltable tuning member movable toward and away from interaction gap of re-entrant tubes. 3,209,200, 9–28–65, Cl. 315—5.52.
Nelson, Warren L., and C. Salama, to l'Air Liquide Societe Anonyme Poul l'Etude et l'Exploitation des Procedes Georges Claude. Method for the purification of hydrogen. 3,197,970, 8–3–65, Cl. 62—17.
Nelson, Warren W. Hand sanitizer. 3,220,424, 11–30–65, Cl. 134—47.
Nelson, Wayne R., to Gresen Mfg. Co. Spool type control valve for controlling hydraulic actuators. 3,174,510, 3–23–65, Cl. 137—625.69.
Nelson, William M., to Kollsman Instrument Corp. Solid state altimeter. 3,206,980, 9–21–65, Cl. 73—386.
Nelson, William R., to The Texas Pipe Line Co. Secondary seal for floating tank roof. 3,167,206, 1–26–65, Cl. 220—26.
Nelsson, Nels: *See*—
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Nelsson, Nels, to United States Gypsum Co. Clip member for suspended ceiling construction. 3,216,537, 11–9–65, Cl. 189—35.
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Barker, Sydney W. 3,209,562.
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Nemec, Joseph W., and E. A. Nolan, Jr., to Rohm & Haas Co. Pesticidal formulation containing a complex of $CaCo_3$ and SiO_2. 3,194,730, 7–13–65, Cl. 167—42.
Nemec, Joseph W., V. H. Unger, and C. B. Lyon, to Rohm & Haas Co. Coreacted manganese-metal ethylenebisdithiocarbamates. 3,210,394, 10–5–65, Cl. 260—429.
Nemecek, Joseph F.: *See*—
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Nemitz, Paul, to Mak Maschinenbau Kiel G.m.b.H. Apparatus for the deformation of metal sheets and preshaped bodies under shock effect in water. 3,214,950, 11–2–65. Cl. 72—56.
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Mackay, William F., and Nemlaha. 3,188,075.
Nemphos, Speros P.: *See*—
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Nemsky, Philip. Lockable closure with combination locking mechanism self-contained in the lid thereof. 3,204,436, 9–7–65. Cl. 70—63.
Nentwig, Joachim, and W. Krey, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of α-cyan-β-alkyl-β phenylacrylic acid esters. 3,180,885, 4–27–65, Cl. 260—465.
Nenz, Adriano: *See*—
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Nenzell, Joseph F., to The Mathewson Corp. Self-sealing nut assembly. 3,176,747, 4–6–65, Cl. 151—41.7.
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Neo-Ray Products, Inc.: *See*—
Zingone, Anthony E. 3,213,739.

Nepera Chemical Co. Inc.: *See*—
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Wilbert, Godfrey. 3,182,089.
Neracher, Otto E.: *See*—
Cantor, Abraham, Neracher, and Winicov. 3,220,951.
Neracher, Otto E., A. Cantor, and W. Schmidt, to West Laboratories, Inc. Cationic azo compounds. 3,170,909, 2–23–65, Cl. 260—152.
Neracher, Otto E., A. Cantor, and W. Schmidt, to West Laboratories, Inc. Cationic azo compounds. 3,170,910, 2–23–65, Cl. 260—152.
Nerem, Marvin E., to Winnebago Industries, Inc. Shelter construction and fasteners therefor. 3,219,383, 11–23–65, Cl. 296—23.
Nerenberg, Samuel T. Semi-automatic dilution pipette. 3,184,122, 5–18–65, Cl. 222—255.
Nerenstone, Marc A., and T. L. Charland, to Westinghouse Electric Corp. Neutronic reactor fuel element and member therefor. 3,211,626, 10–12–65, Cl. 176—73.
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Oetjen, Georg-Wilhelm, Nerge, Eilenberg, and Fauser. 3,205,588.
Oetjen, Georg-Wilhelm, Nerge, Neumann, and Moll. 3,192,645.
Nerlich, Wilhelm, to Deutsche Babcock und Wilcox Dampfkesselwerke AG. Weather shelter for working platform for the erection of factory chimneys. 3,198,285, 8–3–65, Cl. 182—128.
Nero, Leroy W., to Zenith Radio Corp. Electron beam deflection yoke. 3,192,432, 6–29–65, Cl. 315—27.
Neros, Clifford A.: *See*—
Slezak, Frank B., Rosen, and Neros. 3,165,521.
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Nerwin, Hubert, to Eastman Kodak Co. Film cassette. 3,175,222, 3–23–65, Cl. 352—72.
Nerwin, Hubert, to Eastman Kodak Co. Photographic apparatus for use with image transfer film product. 3,183,809, 5–18–65, Cl. 95—13.
Nerwin, Hubert, to Eastman Kodak Co. Photoelectric exposure control systems for cameras. 3,186,318, 6–1–65, Cl. 95—10.
Nerwin, Hubert, to Eastman Kodak Co. Automatic exposure control apparatus. 3,194,132, 7–13–65, Cl. 95—10.
Nerwin, Hubert, and W. Ferris, to Eastman Kodak Co. Method of fabricating a photographic aperture regulating device. 3,205,569, 9–14–65, Cl. 29—407.
Nerwin, Hubert, and J. H. Eagle, to Eastman Kodak Co. Viewfinder for zoom lens cameras. 3,212,422, 10–19–65, Cl. 95—44.
Nesbitt, Clifford W., deceased, by L. L M. Nesbitt, administratrix, to McGraw-Edison Co. Humidifier. 3,193,261, 7–6–65, Cl. 261—142.
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Nesbitt, John D., to Midland-Ross Corp. Self-stabilizing combustion apparatus and method. 3,187,799, 6–8–65, Cl. 158—109.
Nesbitt, John D., to Midland-Ross Corp. Water recarbonating method and apparatus. 3,208,935, 9–28–65, Cl. 210—59.
Nesbitt, John D., to Midland-Ross Corp. Self-stabilizing combustion apparatus. 3,221,796, 12–7–65, Cl. 158—1.5.
Nesbitt, John D., and H. M. Kohn, to Midland-Ross Corp. Self stabilizing radiant tube burner. 3,195,609, 7–20–65, Cl. 158—7.
Nesbitt, John D., and H. M. Kohn, to Midland-Ross Corp. Heating apparatus. 3,208,740, 9–28–65, Cl. 263—6.
Nesbitt, John D., and W. A. James, to Midland-Ross Corp. Air heating burner. 3,210,059, 10–5–65, Cl. 263—19.
Nesbitt, Joseph S.: *See*—
Reichert, Darwin A., and Nesbitt. 3,214,137.
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Nesbitt, Clifford W 3,193,261.
Nesh, Florence. Piezoelectric transducers. 3,167,668, 1–26–65, Cl. 310—9.7.
Nesh, Florence. Transducer for dissipation and detection of high frequency vibratory energy. 3,179,823, 4–20–65, Cl. 310—8.4.
Nesh, Florence. Use of ultrasound to induce crystal rearrangements and phase transitions. 3,194,640, 7–13–65, Cl. 23—295.
Nesh, Florence. Method of determining the chloride ion concentration in water. 3,222 264, 12–7–65, Cl. 204—1.
Neslin, Milan A., to General Electric Co. Control apparatus. 3,207,339, 9–21–65 Cl. 214—135.
Neslund, Eddie E. Dial indicator caliper gage. 3,222,788, 12–14–65, Cl. 33—148.
Nespital, Walter, to Titangesellschaft mbH. Method of working-up a sulfuric-acid mother liquor obtained in the production of titanium dioxide by hydrolysis. 3,169,046, 2–9–65, Cl. 23—202.
Ness, Edmund V.: *See*—
Hershberger, Charles L., and Ness. 3,171,685.
Ness, Leif A.: *See*—
Thomas, Edmund P., and Ness. 3,212,280.
Nesselberger, Walter. Vehicle wheel check means. 3,176,798, 4–6–65. Cl. 188—4.
Nesselmann, Kurt, to Gesellschaft fur Lindes Eismaschinen Aktiengesellschaft. Process for disconnecting and connecting at least three heating currents for different temperatures. 3,212,273, 10–19–65, Cl. 62—3.
Nessler, Friedrich, to Hans J. Zimmer, Verfahrenstechnik. Apparatus for generating and storing inert gas. 3,215,503, 11–2–65, Cl. 23—281.
Nessler, Norbert: *See*—
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Nesson, Israel, to Keystone Camera Co., Inc. Motion picture apparatus with variable film claw speed. 3,168,743, 2–2–65, Cl. 352—180.
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Nester & Faust Mfg. Corp.: *See*—
Nester, Ralph M. 3,180,610.
Nester, Ralph M., to Nester & Faust Mfg. Corp. Valve. 3,180,610, 4–27–65, Cl. 251—150.
Nester, Ralph M. Centrifugal device for agitating, spraying and evaporating liquids. 3,190,344, 6–22–65, Cl. 159—6.
Nestler, Gilbert C., to Koppers Co., Inc. Coke oven door holding apparatus. 3,191,778, 6–29–65, Cl. 212—4.
Nestlerode, Clifford D.: *See*—
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Nestlerode, Clifford D., to Standard Kollsman Industries, Inc. Frequency responsive interrogation oscillator at the receiver. 3,170,141, 2–16–65, Cl. 340—171
Nestlerode, Clifford D., to Standard Kollsman Industries, Inc. Dual modulation communication system. 3,188,573, 6–8–65, Cl. 329—135.
Nestlerode, Clifford D., to Standard Kollsman Industries, Inc. Unilaterally transmissive frequency-selective triode converter. 3,207,990, 9–21–65, Cl. 325—436.
Nestlerode, Clifford D., to Standard Kollsman Industries, Inc. Remote interrogation decoding circuitry. 3,208,045, 9–21–65, Cl. 340—171.
Nestor, Leonard R. Bracket. 3,180,599, 4–27–65, Cl. 248—75.
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Neth, Floyd T.: *See*—
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Nethercot, Arthur H., Jr., to International Business Machines Corp. Bistable circuit having an adjustable phase shifter responsive to output signal. 3,192,397, 6–29–65, Cl. 307—88.5.
Nethercot, Arthur H., Jr., to International Business Machines Corp. Electro-optic light coupling of optical fibers. 3,208,342, 9–28–65, Cl. 88—61.
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Netherwood, Paul H., to Sprague Electric Co. Self-healing capacitor. 3,202,892, 8–24–65, Cl. 317—258.
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Ustin, George, and Netta. 3,170,501.
Netta, Louis A., to The Thomas & Betts Co., Inc. Feed device for an automatic wire handling device. 3,206,065, 9–14–65, Cl. 221—201.
Nettel, Frederick. Apparatus and method for compound cyclone combustion of coal and other fuels. 3,199,476, 8–10–65, Cl. 110—28.
Nettel, Frederick. Method and means for starting and stopping once-through high-pressure steam boilers. 3,205,664, 9–14–65, Cl. 60—70.
Nettel, Frederick. Method and apparatus for producing superheated steam, in particular for power recovery from the exhaust of internal combustion engines. 3,219,105, 11–23–65, Cl. 165—106.
Nettel, Frederick, and T. Nakanishi. Steam-cooled nuclear reactor power plant. 3,175,953, 3–30–65, Cl. 176—60.
Netteland, Loval G., to The Firewel Co., Inc. Controller for pressure suits. 3,200,829, 8–17–65, Cl. 137—81.
Nettles, Walter E. Ribbon reinking device. 3,175,780, 3–30–65, Cl. 242—67.3.
Nettles, Walter E. Attachment for antennas to reduce operating frequencies. 3,176,298, 3–30–65, Cl. 343—722.
Nettleton, Donald F., and S. L. Anderson. Punch press having radially expansible jaws to receive a centrally apertured workpiece. 3,164,049, 1–5–65, Cl. 83—206.
Nettleton, Gilbert H.: *See*—
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Netze, Gunther, to Joseph Eck & Sohne, Firma. Uninterrupted supply of web material. 3,194,508, 7–13–65, Cl. 242—58.3.
Netzel, Philip C., to General Electric Co. Racking mechanism for metal enclosed electric switchgear. 3,188,412, 6–8–65, Cl. 200—50.
Netzel, Philip C., to General Electric Co. Expandable switchgear housing for drawout electric apparatus. 3,188,413, 6–8–65, Cl. 200—50.
Netzel, Philip C., to General Electric Co. Switchgear disconnect mechanism. 3,188,415, 6–8–65, Cl. 200—50.
Netzel, Philip C., and S. B. Le Fever, to General Electric Co. Racking mechanism including a differential pulley system. 3,193,633, 7–6–65, Cl. 200—50.
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Neu, Edward A., Jr., to Thiokol Chemical Corp. Reaction motor construction. 3,190,070, 6–22–65, Cl. 60—35.6.

Neu, Johannes, to The Scholl Mfg. Co., Inc. Hammer toe correction device. 3,211,142, 10–12–65, Cl. 128—81.
Neubarth, William R., ⅛ to E. P. Gray, and ⅛ to J. B. Whitmore. Feed mechanism. 3,165,007, 1–12–65, Cl. 74—424.8.
Neubauer, Emil T. Two-stage refrigerant compressor. 3,204,865, 9–7–65, Cl. 230—206.
Neubauer, Gerald, and M. Seefelder, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of pentaerythritol trichlorohydrin. 3,217,045, 11–9–65, Cl. 260—633.
Neubauer, Heinrich: *See*—
Huber, Franz R., and Neubauer. 3,188,587.
Neubauer, Rudolf, and A. Welter, to Rheinmetall G.m.b.H., Firma. Double toggle-lever press. 3,205,551, 9–14–65, Cl. 25—98.
Neubauer, Werner G., and R. L. Steinberger. Miniature underwater sound transducer. 3,200,369, 8–10–65, Cl. 340—10.
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Neuber, Heinz-Dieter, to Ettlinger Baumaschinen- und Hebezeugfabrik Elba-Werk, G.m.b.H. Single stage hydraulic torque converter with high stall torque ratio and utility ratio. 3,212,265, 10–19–65, Cl. 60—54.
Neubronner, Carl. Device for the mechanical sealing of packages with adhesive tapes. 3,206,912, 9–21–65, Cl. 53—137.
Neudecker, Karl, and F. Winkler, to Agfa Aktiengesellschaft. Control for motion picture camera. 3,165,037, 1–12–65, Cl. 95—10.
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Neuendorf, Charles A., and W. G. Moretti, Jr. Maximum performance take-off director. 3,200,642, 8–17–65, Cl. 73—178.
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Neufeld, John W., to Massey-Ferugson Ltd. Door latch mechanisms. 3,207,542, 9–21–65, Cl. 292—26.
Neufeld, Leonard C., to The Delman Co. Control device for Windshield clearing system. 3,200,667, 8–17–65, Cl. 74—479.
Neugebauer, Franz J., and E. L. Lustenader, to General Electric Co. Compression distillation apparatus. 3,190,817, 6–22–65, Cl. 202—236.
Neugebauer, Franz J., and E. L. Lustenader, to General Electric Co. Dropwise condensation distillation apparatus. 3,206,381, 9–14–65, Cl. 202—185.
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Stumpf, Hans R., and Neugebauer. 3,174,854.
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Neugebauer, Wilhelm, and F. Endermann, to Azoplate Corp. Naphthoquinone diazide lithographic material and process of making printing plates therewith. 3,180,733, 4–27–65, Cl. 96—33.
Neugebauer, Wilhelm, M. Tomanek, and H. Behmenburg, to Azoplate Corp. Electrophotographic material and method. 3,189,447, 6–15–65, Cl. 96—1.
Neugebauer, Wilhelm, F. Endermann, and M. K. Reichel, to Azoplate Corp. Etchable reproduction coatings on metal supports. 3,201,239, 8–17–65, Cl. 96—36.
Neugebauer, Wilhelm, M. Tomanek, and H. Behmenburg, to Azoplate Corp. Material for electrophotographic purposes. 3,206,306, 9–14–65, Cl. 96—1.
Neugebauer, Wilhelm, G. Werner, and A. Rebenstock, to Azoplate Corp. Material for the photo mechanical manufacture of printing plates and method for converting the same into printing plates. 3,219,447, 11–23–65, Cl. 96—33.
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Neuhardt, Melvin H., and H. L. Beam, to The Black and Decker Mfg. Co. Switch for cordless electrical device. 3,212,938, 10–19–65, Cl. 136—181.
Neuhauser, Irene. Assisting healing of skin-denuded areas on the body with dried non-fibrous egg-shell membrane products and compositions therefor. 3,194,732, 7–13–65, Cl. 167—58.
Neuhauser, Irene. Assisting healing of skin-denuded areas on the human body with dried fibrous egg-shell membrane products and compositions therefor. 3,196,075, 7–20–65, Cl. 167—58.
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Moersch, George W., and Neuklis. 3,213,116.
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Neukom, Alfred, and G. Rabenow, to H. A. Schlatter, A.G. Work-holding apparatus. 3,167,637, 1–26–65, Cl. 219—161.
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Neuman, Larry K., and H. J. Melotik, to Miller Brewing Co. Boxes with a single pair of closure flaps. 3,197,110, 7–27–65, Cl. 229—38.
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Neumann, Arthur E., to Marvin Glass & Associates. Reciprocating sound-producing device. 3,208,183, 9–28–65, Cl. 46—187.
Neumann, Arthur E., to Marvin Glass & Associates. Bath brush with bubble blowing means. 3,210,790, 10–12–65, Cl. 15—118.
Neumann, Arthur E., and M. I. Glass, to Marvin Glass & Associates. Doll with changeable expression. 3,195,268, 7–20–65, Cl. 46—135.
Neumann, Donald F., J. Blumenthal, R. S. Vance, and E. C. Sand, to Clevite Corp. Method of making magnetic transducer heads. 3,217,389, 11–16–65, Cl. 29—155.5.
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Neumann, Wolfram, and E. Zankl, to Farbenfabriken Bayer Aktiengesellschaft. Thixotropic compositions. 3,183,109, 5–11–65, Cl. 106—252.
Neumann, Wolfram, H. Holtschmidt, J. Peter, and P. Fischer, to Farbenfabriken Bayer Aktiengesellschaft. Stabilization of polyesters with polycarbodiimide. 3,193,522, 7–6–65, Cl. 260—45.9
Neumann, Wolfram, H. Holtschmidt, W. Kallert, and A. Reischl, to Farbenfabriken Bayer Aktiengesellschaft. Stabilization of polyesters with substituted carbodiimides 3,193,523, 7–6–65, Cl. 260—45.9.
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Neuschotz, Robert. Quick release fastener structure. 3,169,293. 2–16–65. Cl. 24—221.
Neuschotz, Robert. Threaded elements with self-tapping peaks and recesses. 3,200,691, 8–17–65, Cl. 85—47.
Neuschotz, Robert. Formation of elements having threads with recessed sides. 3,201,809, 8–24–65, Cl. 10—10.
Neuschotz, Robert. Self tapping insert having internal lock. 3,202,195, 8–24–65, Cl. 151—21.
Neuschotz, Robert. Sealed threaded fitting. 3,212,796, 10–19–65, Cl. 285—91.
Neuschotz, Robert. Method of forming self tapping insert having internal lock. 3,220,029, 11–30–65, Cl. 10—86.
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Nevo-Hacohen, Jacob I., 1/2 to R. H. Rines, 3/8 to A. S. Axelrod, 3/8 to T. J. Shoolman, 1/8 to said J. I. Nevo-Hacohen. Conveyor elevator apparatus. 3,197,045, 7–27–65, Cl. 214—16.1.
Nevulis, Anthony, to The Ohio Brass Co. Valve for controlling movement of a fluid power unit. 3,207,177, 9–21–65, Cl. 137—596.2.
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Nevulis, Anthony, and T. Budzich, to The Ohio Brass Co. Combination motor control valve and exhaust flow control. 3.207,178, 9–21–65, Cl. 137—596.2.
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Newberry, Meigs W., to Westinghouse Electric Corp. Dispensing apparatus. 3,209,944, 10–5–65, Cl. 221—67.
Newberry, Sterling P., to General Electric Co. Microspace data storage tube using electron microscope optical assembly. 3,170,083, 2–16–65, Cl. 315—31.
Newbill, William S., Sr. Supporting base for chimneys. 3,186,330, 6–1–65, Cl. 98—46.
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Newbold, Thomas, and H. S. van Buren, Jr., to United-Carr Inc. Method of assembling a plug fastener device. 3,208,-135, 9–28–65, Cl. 29—432.
Newbold, William F., to Honeywell Inc. Electrical analog computing circuit with square root extraction capability. 3,167,647, 1–26–65, Cl. 235—193.
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Stephan, Hallis N. 3,187,636.
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Newell, Darrell E., and N. R. Malik, to Collins Radio Co. Temperature compensation of quartz crystal by network synthesis means. 3,176,244, 3–30–65, Cl. 331—116.
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Newkirk, Clarence E. Adjustable implement hitch means. 3,225,836, 12–28–65, Cl. 172—319.

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Newman, Christopher J. Tree trailer. 3,190,465, 6–22–65, Cl. 214—3.

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Newman, Douglas A., to Columbia Ribbon and Carbon Mfg. Co., Inc. Duplicating process. 3,195,455, 7–20–65, Cl. 101—149.5.

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Newman, Douglas A., H. W. Boylan, and A. T. Schlotzhauer,

Newman, Douglas A., and A. T. Schlotzhauer, to Columbia Ribbon and Carbon Mfg. Co., Inc. Pressure-sensitive hectograph transfer element. 3,177,086, 4–6–65, Cl. 117—36.1.

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Nielsen, Jens G. M. Frame for upholstery in pieces of sitting furniture. 3,181,912, 5–4–65, Cl. 297—445.
Nielsen, John. Game board with numerically designated compartments and a play selector with corresponding numerals. 3,170,696, 2–23–65, Cl. 273—134.
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Nigrelli, Biagio J., W. E. Standley, R. B. Wittmann, and D. D. King, to Johns-Nigrelli-Johns, Inc. Four flap opener for cases. 3,224,165, 12–21–65, Cl. 53—382.
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Nomine, Gerard, R. Bucourt, and J. Tessier, to Roussel-UCLAF, S.A. $\Delta^{5(10)}$-estrene-9α,17β-diol-3-one and its 17-carboxylic acid esters. 3,176,031, 3–30–65, Cl. 260—397.45.
Nomine, Gerard, R. Bucourt, and A. Pierdet, to Roussel-UCLAF. 13β-n-propyl-18-nor-cortisone derivative and process of preparation. 3,179,660, 4–20–65, Cl. 260—239.55.
Nomine, Gerard, R. Bucourt, and J. Tessier, to Roussel-UCLAF, S.A. 19-nor-testosterone derivatives, their process of preparation and their method of utilization. 3,186,907, 6–1–65, Cl. 167—74.
Nomine, Gerard, and R. Bucourt, to Roussel-UCLAF. Preparation of propylated derivative of phenanthrene. 3,192,267, 6–29–65, Cl. 260—586.
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Nomine, Gerard, and R. Bucourt, to Roussel-UCLAF, S.A. Heparin derivatives and method of preparing same. 3,207,-664, 9–21–65, Cl. 167—74.
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Nonnenmacher, Helmut, M. Appl, and K. Andrussow, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of phthalic anhydride by catalytic oxidation of O-xylene. 3,210,378, 10–5–65, Cl. 260—346.4.
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Norden, Alexander R., to Federal Pacific Electric Co. Trip indicating circuit breakers. 3,183,325, 5–11–65, Cl. 200—116.

Norden, Alexander R., to Federal Pacific Electric Co. Enclosed circuit interrupter. 3,197,582, 7–27–65, Cl. 200—50.

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Norden, Alexander R., to Federal Pacific Electric Co. Circuit breakers with rocking pre-biased contacts. 3,201,554, 8–17–65, Cl. 200—166.

Norden, Alexander R., to Federal Pacific Electric Co. Circuit breaker with thermal release and compensation for ambient temperature and contact-resistance heating. 3,210,500, 10–5–65, Cl. 200—116.

Norden, Alexander R., to Federal Pacific Electric Co. Circuit breaker and panelboard. 3,213,327, 10–19–65, Cl. 317—119.

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Noren, Mauritz F., and R. H. Scent, to Hawley Products Co. Acoustic diaphragm. 3,221,834, 12–7–65, Cl. 181—32.
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Norman, George R., and W. M. Le Suer, to The Lubrizol Corp. High molecular weight alkenyl-N-para amino-phenyl succinimide. 3,194,812, 7–13–65, Cl. 260—326.5.
Norman, George R., and W. M. Le Suer, to The Lubrizol Corp. Derivatives of succinic acids and nitrogen compounds. 3,219,666, 11–23–65, Cl. 260—268.
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Norquist, Erland W., to Berkeley Pump Co. Anti gas-lock construction for turbine pump. 3,204,562, 9–7–65, Cl. 103—102.
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Norris, Fred H, and N. C. Zeter, to Caterpillar Tractor Co. Cable control system having tension controlling means including means to automatically clutch and declutch cable winch. 3,203,673, 8–31–65, Cl. 254—173.
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Norris, John W., and R. D. Miller, to Lennox Industries, Inc. Register boot heater assembly. 3,167,640, 1–26–65, Cl. 219—374.
Norris, John W., and W. F. Sieverding, to Lennox Industries Inc. Integral thermostat for indoor comfort equipment. 3,185,393, 5–25–65, Cl. 236—38.
Norris, Kenneth S., and W. N. McFarland. Aquarium. 3,179,-084, 4–20–65, Cl. 119—5.
Norris, Kenneth S., and R. C. Johnson. Apparatus for projecting animal food. 3,192,915, 7–6–65, Cl. 124—11.
Norris, Leonard, and E. M. McElhinney. Submulcher and planter in combination therewith. 3,170,421, 2–23–65, Cl. 111—1.
Norris, Leonard, and E. M. McElhinney. Subsoiler chisel. 3,195,654, 7–20–65, Cl. 172—699.
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Norris, Neil J., R. C. Marker, and R. F. Post, to High Voltage Engineering Corp. Linear accelerator waveguide structures adapted to reduce the phenomenon of pulses shortening. 3,222,563, 12–7–65, Cl. 315—5.39.
Norris, Paul E., to Procter & Gamble Co. Trifluorostannite salts of amines in oral compositions for caries prophylaxis. 3,201,316, 8–17–65, Cl. 167—93.
Norris, Robert W., Jr. Comminuting and dispersing process and apparatus. 3,199,792, 8–10–65. Cl. 241—30.
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Nowak, Leon J., Jr., to Blaw-Knox Co. Automatic receptacle filling machine. 3,219,132, 11–23–65, Cl. 177—52.
Nowak, Leon J., Jr., to Blaw-Knox Co. Power discharge for net weigher and method of weighing. 3,224,515, 12–21–65, Cl. 177—1.
Nowak, Raymond F., Jr., and T. A. Wisniewski, to Vandercook & Sons, Inc. Proof dryer. 3,216,128, 11–9–65, Cl. 34—120.
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Nozaki, Kenzie, to Shell Oil Co. Block copolymers. 3,189,-664, 6–15–65, Cl. 260—881.
Nozaki, Kenzie, to Shell Oil Co. Block copolymers. 3,189,-665, 6–15–65, Cl. 260—881.
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Nye, Dudley D., Jr., and P. M. Connaught, to Robertshaw Controls Co. Clothes drier control apparatus. 3,210,863, 10–12–65, Cl. 34—45.

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Oates, Frances B., H. E. Rahm, G. A. Kelley, and E. A. Danko, to Midland-Ross Corp. Apparatus and method for drying particulate matter. 3,214,844, 11–2–65, Cl. 34—10.
Oatley, Arthur F. Multiple skewer attachment for a broiler. 3,169,470, 2–16–65, Cl. 99—421.
Oatley, Arthur F. Grilling appliances. 3,178,558, 4–13–65, Cl. 219—461.
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Oatley, Arthur F. Incandescent gas fires. 3,187,741, 6–8–65, Cl. 126—92.
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Obenchain, Richard F., to Koppers Co., Inc. Oxygen lance with detachable barrel. 3,170,977, 2–23–65, Cl. 266—34.
Obenchain, Richard F., to Koppers Co., Inc. Apparatus for making steel. 3,182,985, 5–11–65, Cl. 266—34.
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Obenshain, David N., to West Virginia Pulp and Paper Co. Single web sheet cutter and stacker. 3,203,326, 8–31–65, Cl. 93—93.
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Durst, Julius. 3,185,059.
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O'Brien, John P. Removable supporting attachment for golf shoes. 3,218,734, 11–23–65, Cl. 36—2.5.
O'Brien, Leo J., and G. G. Bernard, to The Pure Oil Co. Fluid flow indicating method and apparatus for well bores. 3,187,567, 6–8–65, Cl. 73—155.
O'Brien, Paul R., to Reynolds Metals Co. Method of producing a bumper. 3,212,941, 10–19–65, Cl. 148—12.7.
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O'Brien, Richard C., and R. A. Proud, Jr., to Harris-Intertype Corp. Phototypesetting apparatus. 3,218,945, 11–23–65, Cl. 95—4.5.
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O'Brien, Robert F., to Mission-West Mfg. Co. Toilet bowl assembly. 3,217,337, 11–16–65, Cl. 4—79.
O'Brien, Robert F., and K. A. Milette, to Mission-West Mfg. Co. Method and means for operating a toilet in a fallout shelter. 3,183,525, 5–18–65, Cl. 4—1.
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Occhetti, Louis A., to Lidgerwood Mfg. Co. Ship stabilizer. 3,205,850, 9–14–65, Cl. 114—126.
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Ochs, Robert E., Jr., and R. K. Strong, to Honeywell Inc. Electrical apparatus. 3,172,221, 3–9–65, Cl. 40—53.
Ochs, Stefan A., to Radio Corp. of Amercica. Pickup tube target structure and method of manufacturing the same. 3,179,834, 4–20–65, Cl. 313—89.
Ochs, Stefan A., to Radio Corp. of America. Method of making targets for pickup tubes. 3,195,199, 7–20–65, Cl. 22—190.
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O'Connell, John H., to Radio Corp. of America. F.M. stereophonic multiplex receiver having automatic disabling means for the subcarrier channel. 3,170,040, 2–16–65, Cl. 179—15.
O'Connell, John J., to Monsanto Research Corp. Polymeric chelates of hydroxy-substituted anthraquinones and the process for their preparation. 3,192,236, 6–29–65, Cl. 260—366.
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O'Connell, Thomas B., R. R. Snow, and N. K. Gladieux, to Libbey-Owens-Ford Glass Co. Method and apparatus for treating sheet glass. 3,199,966, 8–10–65, Cl. 65—26.
O'Connell, Thomas B., A. E. Badger, and D. E. Shamp, to Libbey-Owens-Ford Glass Co. Compositions for sealing holes in glass. 3,215,544, 11–2–65, Cl. 106—47.
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O'Connor, Henry L., to The Indian Iron & Steel Co. Ltd. Treatment of haematite iron ore for use in the production of iron. 3,214,263, 10–26–65, Cl. 75—3.
O'Connor, James E., to Document Disintegration, Inc. Document disintegrating mechanism. 3,189,286, 6–15–65, Cl. 241—186.
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Oddie, William M. Blast cleaning machines. 3,190,042, 6–22–65, Cl. 51—15.
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Oddy, Edward P., and L. Kinal, to Borg-Warner Corp. Heat exchanger and method of its manufacture. 3,182,481, 5–11–65, Cl. 72—326.
Odell, Eugene I., to Dake Corp. Method and apparatus for orienting articles. 3,208,578, 9–28–65, Cl. 198—33.
Odell, James A., and W. C. Johnson, Jr. Game including tiltable game board and game pieces of different weights. 3,188,089, 6–8–65, Cl. 273—131.
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O'Dell, Leonard J., to American Air Filter Co., Inc. Fabric tube type dust collector and method of operating the same. 3,217,468, 11–16–65, Cl. 55—96.
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O'Donnell, James W. Overhead rail systems. 3,204,575, 9–7–65, Cl. 104—99.
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O'Donnell, John M., R. O. Platt, and C. D. Gabor, to Harbison-Walker Refractories Co. Feeding system for a brick press. 3,187,401, 6–8–65, Cl. 25—103.
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Oehlerking, Dean, and D. L. Pickens, to Ideal Industries, Inc. Wiring device mounted on the box cover and outlet box. 3,218,596, 11–16–65, Cl. 339—14.
Oehlerking, Dean, D. L. Pickens, and T. E. Trethewey, to Ideal Industries, Inc. Universal electrical outlet box. 3,218,597, 11–16–65, Cl. 339—14.
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Oehlrich, Karl-Heinz, to Siemens-Schuckertwerke Aktiengesellschaft. Apparatus for mixing and separating substances of different mass-inertia. 3,199,270, 8–10–65, Cl. 55—261.
Oehlrich, Karl-Heinz, E. Schaufler, K. Schmidt, and H. Zenneck (deceased, by S. Zenneck, sole heir), to Siemens-Schuckertwerke Aktiengesellschaft. Particle-from-gas separators. 3,199,272, 8–10–65, Cl. 55—261.
Oehlrich, Karl-Heinz, and K. R. Schmidt, to Siemens-Schuckertwerke Aktiengesellschaft. Method and apparatus for handling pulverulent material. 3,226,165, 12–28–65, Cl. 302—17.
Oehlrich, Karl-Heinz, and A. Fracke, to Siemens-Schuckertwerke Aktiengesellschaft. Fluid-cooled rotating machines, particularly electric motors and generators. 3,226,580, 12–28–65, Cl. 310—57.
Oehme, Horst: *See*—
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Oehmig, Robert G. Screen frame. 3,220,469, 11–30–65, Cl. 160—380.
Oeland, Ernest N., Jr., to United States of America, Navy. Fail-safe device for porting stored rocket motors. 3,185,036, 5–25–65, Cl. 89—1.7.
Oelderik, Jan M., E. L. Mackor, J. C. Platteeuw, and A. van der Wiel, to Shell Oil Co. Hexafluoroantimonic acid-catalyzed hydrocarbon conversions. 3,201,494, 8–17–65, Cl. 260—683.47.
Oeler, Richard C., and E. A. Salners, to Motorola, Inc. Method of assembling components on a chassis. 3,177,561, 4–13–65, Cl. 29—155.5.
Oelgoetz, Paul A., to North American Aviation, Inc. Manufacture of high-strength steel parts for use in aircraft and the like. 3,167,493, 1–26–65, Cl. 204—145.
Oelke, Erwin S., to Ingersoll-Rand Co. Rock drill. 3,164,214, 1–5–65, Cl. 173—73.
Oelke, Erwin S., E. H. Kurt, and R. W. Beaumont, to Ingersoll-Rand Co. Double head piston downhole drill. 3,198,264, 8–3–65, Cl. 173—73.
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Oerman, Orey W., to Deere & Co. Hydraulic wheel drawbar with caster wheels. 3,169,027, 2–9–65, Cl. 280—411.
Oertel, Gunter, and H. Malz, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of O,O-dialkyl-s-carbamido-methyl thio- and -thionothiol phosphoric acid esters. 3,169,982, 2–16–65, Cl. 260—461.
Oertel, Günter, H. Holtschmidt, and P. Fischer, to Farbenfabriken Bayer Aktiengesellschaft. Phosphonic acid esters and methods for their production. 3,214,456, 10–26–65, Cl. 260—461.
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Oesterheld, Karl A. Device for corrugating sheets of fibrous cement. 3,170,192, 2–23–65, Cl. 18—19.
Oesterheld, Karl A. Method of dressing crude asbestos. 3,170,834, 2–23–65, Cl. 162—3.
Oesterheld, Karl A., to Eurasbest A.G. Method for corrugating sheets of asbestos cement. 3,173,828, 3–16–65, Cl. 162—116.
Oesterlein, Fritz, and H. Riat, to Ciba Corp. Water-soluble disazo dyestuffs. 3,190,872, 6–22–65, Cl. 260—153.
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Oestrich, Hermann, L. Michard, A. L. Meunier, and J.-M. Minos, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Floorings for taking-off and landing. 3,174,411, 3–23–65, Cl. 94—4.
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Oetiker, Hans. Safety connection for hoses. 3,174,774, 3–23–65, Cl. 285—18.
Oetjen, Georg-Wilhelm, W. Nerge, K. Neumann, and J. Moll, to Laybold-Anlagen Holding A.G. Apparatus and method for vacuum freeze drying substances in a tunnel dryer having sealing locks. 3,192,645, 7–6–65, Cl. 34—5.
Oetjen, Georg-Wilhelm, W. Nerge, H. Eilenberg, and F. Fauser, to Laybold-Anlagen Holding A.G. Drying process and apparatus therefor for removing solids from liquid mixtures. 3,205,588, 9–14–65, Cl. 34—5.
Oetjens, Robert W., to Clayton Mark & Co. Ball valve. 3,199,528, 8–10–65, Cl. 137—329.01.
Oettle, Walter, to Geratebau Eberspacher OhG. Turbine superchargers. 3,180,568, 4–27–65, Cl. 230—207.
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Offensend, Glenn W., C. E. Swing, and G. L. Barringer, to Eastman Kodak Co. Card shingling device. 3,183,816, 5–18–65, Cl. 95—85.
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Offner, Franklin F. Direct-writing oscillograph. 3,188,651, 6–8–65, Cl. 346—117.
Offner, Franklin F. Transistor power amplifier employing complementary symmetry and negative feedback. 3,195,064, 7–13–65, Cl. 330—13.
Offner, Franklin F. Negative feed-back amplifier. 3,214,703, 10–26–65, Cl. 330—9.
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Offutt, Elmer B., J. A. and J. F. Lotspeich, ½ to The Vendo Co., and ½ to Coin Acceptors, Inc. Coin changing equipment having payback escapement mechanism. 3,175,670, 3–30–65, Cl. 194—10.
Offutt, Elmer B., and L. Bieri, to The Vendo Co. Coin changer having double escrow unit. 3,200,828, 8–17–65, Cl. 133—4.
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Ogait, Alfred, to Aschaffenburger Zellstoffwerke Aktiengesellschaft. Method for pretreating wood for the production of cellulose. 3,177,112, 4–6–65, Cl. 162—86.
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Ogawa, Abiko, and Y. Kuratomi. Low pressure liquid vaporizer which is electrically heated. 3,192,167, 6–29–65, Cl. 252—359.
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Ogawa, Hiroshi, and T. Ito, to Meiji Seika Kaisha, Ltd. 6-deoxy-6-mercapto-D-glucosamine and a process for the preparation of this compound. 3,176,004, 3–30–65, Cl. 260—211.
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Ogden, Leila H. Clasp for strung beads. 3,224,060, 12–21–65, Cl. 24—116.
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Ogilvie, Allan R., to Secode Corp. Binary signalling device including a code wheel and end-of-code-sequence detection. 3,200,376, 8–10–65, Cl. 340—164.
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Ogland, Jon W., to Westinghouse Electric Corp. Optical communications transmitter. 3,189,744, 6–15–65, Cl. 250—199.
Ogland, Jon W., to Westinghouse Electric Corp. Communications apparatus. 3,206,548, 9–14–65, Cl. 178—7.88.
Ogle, Claude B., Jr. Roll-over mechanism. 3,196,955, 7–27–65, Cl. 172—225.
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Ogle, Frank T., to Phillips Petroleum Co. Polymerization control. 3.174.953, 3–23–65, Cl. 260—83.7.
Ogle, Frank T., E. D. Tolin, and E. K. Clardy, to Phillips Petroleum Co. Method of controlling a dehydrogenation process. 3,196,189, 7–20–65, Cl. 260—683.3.
Ogle, James A., to Burroughs Corp. Electrostatic printing tube. 3,213,309, 10–19–65, Cl. 313—73.
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Oglethorpe, Edward W., D. A. Chantler, E. Horritt, and S. W. Ayres, to The Duramin Engineering Co. Ltd. Construction of water-tight doors and the like. 3,207,272, 9–21–65, Cl. 189—46.
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Simmons, Lovel R., Travis, Monk, and Ogletree. 3,225,851.
Simmons, Lovel R., Travis, Monk, and Ogletree. 3,225,852.
Ogletree, Harold A., to Carrier Corp. Filter control system and method. 3,217,882, 11–16–65, Cl. 210—77.
Ogne, David, to R. G. Koger, d.b.a. Cliffko Mfg. Co. Neuter coupling with poppet valves. 3,176,717, 4–6–65, Cl. 137—614.02.
Ogne, David, to R. G. Koger, d.b.a. Cliffko Mfg. Co. Neuter coupling. 3,177,011, 4–6–65, Cl. 285—70.
O'Gorman, William F., to R & R Printing Corp. Combined letterhead and reply insert. Re. 25,872, 10–5–65, Cl. 229—92.3.
Ogren, Arthur. Automatic lathe. 3,205,737, 9–14–65, Cl. 82—2.5.
Ogren, Axel E., to The Sherwin-Williams Co. Paint dispensing machine. 3,178,058, 4–13–65, Cl. 222—41.
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Oguchi, Masanobu, Y. Kuwabara, I. Iwai, and Y. Yura, to Konishiroku Photo Industry Co., Ltd., and Sankyo Co. Ltd. Photographic compositions. 3,212,900, 10–19–65, Cl. 96—109.
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O'Halloran, Rosemary, to Esso Research and Engineering Co. Lubricating oil compositions containing ester of mercapto acid and a phosphonate. 3,206,401, 9–14–65, Cl. 252—46.6.
O'Halloran, Rosemary, to Esso Research and Engineering Co. Hypoid gear lubricants for slip-lock differentials. 3,211,653, 10–12–65, Cl. 252—50.
O'Halloran, Rosemary, and L. K. Armington, to Esso Research and Engineering Co. Hypoid gear lubricants for slip-lock differentials. 3,211,647, 10–12–65, Cl. 252—32.7.
Ohanian, Stephen. Accelerator operated speed change warning switch. 3,171,914, 3–2–65, Cl. 200—61.89.
O'Hara, James B., and A. E. Schoepfer, to A. E. Staley Mfg. Co. Process for countercurrent extraction of vegetable material by sequential contacting of the material with mutually-miscible high-aquosity and low-aquosity organic solvents. 3,207,744, 9–21–65, Cl. 260—123.5.
O'Hara, Janvier F., to United States of America, Army. Support for reaction motor. 3,188,806, 6–15–65, Cl. 60—35.6.
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O'Hara, Mark J., to Universal Oil Products Co. Hydrorefining catalyst base prepared by high pH precipitation. 3,210,293, 10–5–65, Cl. 252—453.
O'Hara, Mark J., to Universal Oil Products Co. Hydrocarbon conversion catalysts and process for use of the same. 3,216,922, 11–9–65, Cl. 208—111.
Ohara, Naoyuki, to Kabushiki Kaicha Hattori Tokeiten (also known as K. Hattori & Co. Ltd.). Lens shutter. 3,165,995, 1–19–65, Cl. 95—63.
Ohara, Naoyuki. Lens shutter for single-lens reflex camera. 3,191,514, 6–29–65, Cl. 95—42.
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Ohira, Atsuo, to Aichi Kogyo Kabushiki-Kaisha. Cam controlling mechanism in a pattern stitch sewing machine. 3,188,991, 6–15–65, Cl. 112—158.
Ohishi, Sakae, to Nippon Rogaku K.K., and Cohen Co., Ltd. Device for measuring microhardness of materials. 3,191,424, 6–29–65, Cl. 73—15.4.
Ohishi, Sakae, to Cohen Co., Ltd., and Nippon Rogaku K.K. Mechanism for selectively applying loads of different magnitudes in high temperature micro-hardness testing apparatus. 3,221,535, 12–7–65, Cl. 73—15.4.
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Ohlenroth, George F. Endless saw band with lift means and collapsible framework. 3,171,313, 3–2–65, Cl. 83—201.13.
Ohlhausen, William T. Gate with automatic closer. 3,170,258, 2–23–65, Cl. 39—5.
Ohligs, Wolfgang, to Mannesmann-Meer Aktiengesellschaft. Fluid drive means. 3,194,171, 7–13–65, Cl. 103—161.
Ohlin, Romaine M. Garment marking device. 3,210,849, 10–12–65. Cl. 33—9.1.
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Ohlsson, Olof W., to Svenska Tandsticks Aktiebolaget. Apparatus for the measurement of physical quantities. 3,224,101, 12–21–65, Cl. 33—143.
Ohlsson & Rice, Inc.: *See*—
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Rice, Henry T. M. 3,214,150.
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Ohnacker, Gerhard, to Boehringer Ingelheim G.m.b.H. Hydroxy-benzoic acid ethers and salts thereof. 3,198,827, 8–3–65, Cl. 260—521.
Ohnaka, Alubinus J. Means for swinging and tilting the film face as well as the focus mat screen face of reflex camera. 3,182,577, 5–11–65, Cl. 95—50.
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Ohnoda, Katsuyuki, and M. Fujisaki, to Shin-Mitsubishi Jukogyo Kabushiki Kaisha. Heat exchanger. 3,208,510, 9–28–65, Cl. 165—51.
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Ohntrup, Frederick F., to Burroughs Corp. Method of making semiconductor circuit elements. 3,187,403, 6–8–65, Cl. 29—25.3.
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Ohtsu, Koichi, ½ to Akai Electric Co., Ltd. and Rheem Mfg. Co. Automatic control for tape recorders. 3,167,264, 1–26–65, Cl. 242—55.12.
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Oishei, John R., and A. C. Scinta, to Trico Products Corp. Windshield washer system. 3,199,787, 8–10–65, Cl. 239—284.

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Oishi, Isao, to Murata Kikai Kabushiki Kaisha and Toyo Boseki Kabushiki Kaisha. Automatic cop feeder. 3,224,694, 12–21–65, Cl. 242—35.5.

Oita, Katashi, to Weyerhaeuser Co. Method of patching wood veneer and manufacturing veneer-paper laminates. 3,200,030, 8–10–65, Cl. 161—113.

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Ojelid, Goran A. R., to Husqvarna Vapenfabriks Aktiebolag. Safety device for microwave ovens. 3,188,441, 6–8–65, Cl. 219—10.55.

Öjelid, Göran A. R., to Husqvarna Vapenfabriks Aktiebolag. Automat for heat treatment and delivery of food-stuffs. 3,224,361, 12–21–65, Cl. 99—332.

Öjelid, Göran A. R., to Husqvarna Vapenfabriks Aktiebolag. Timed electric heating apparatus. 3,225,267, 12–21–65, Cl. 317—142.

Öjelid, Göran A. R., to Husqvarna Vapenfabriks Aktiebolag. Magnetrons for dielectric heating. 3,225,302, 12–21–65, Cl. 328—270.

Okabe, Misao. Hydraulic valve device switching automatically over multiple distributing pipes. 3,181,550, 5–4–65, Cl. 137—119.

Okabe, Sigeru, to Osakafuchiji Gisen Sato. Secondary emission electron beam monitor. 3,165,629, 1–12–65, Cl. 250—49.5.

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Okada, Hiroshi, K. Takinami, H. Tsuri, I. Shiio, and T. Tsunoda, to Ajinomoto Co., Inc., and Sanraku-Ocean Co., Inc. Process for preparing L-glutamic acid. 3,164,531, 1–5–65, Cl. 195—47.

Okada, Kenji: *See*—
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Okamoto, Eiichi, S. Suzuki, T. Kurihara, and Y. Sasaki, to Nippon Electric Co., Ltd. Solid electrolytic condenser. 3,189,797, 6–15–65, Cl. 317—230.

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Okamoto, Takashi, and A. Ishii, to Fuji Tsushinki Seizo Kabushiki Kaisha. Miniature symmetrical contact polarized relay. 3,168,628, 2–2–65, Cl. 200—93.

Okamura, Kazuo, Y. Kometani, and M. Tatemoto, to Thiokol Chemical Corp. Isolation of tetrafluoroethylene and hexafluoropropene from the pyrolyzates of chlorodofluoromethane. 3,221,070, 11–30–65, Cl. 260—653.3.

Okamura Mfg. Co., Ltd.: *See*—
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Okamura, Michihiko, and M. Matsukane, to Kunoshima Kagaku Kogyo Kabushiki Kaisha. Molding material and molded articles. 3,218,372, 11–16–65, Cl. 260—860.

Okamura, Shiro. Signal delaying apparatus. 3,168,705, 2–2–65, Cl. 330—10.

Okamura, Shiro. Recording system with provision for fast or slow reproduction. 3,170,031, 2–16–65, Cl. 178—6.6.

Okamura, Shiro. Magnetic tape recorder. 3,213,204, 10–19–65, Cl. 179—100.2.

Okanishi, Masanori: *See*—
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Okaniwa, Keiji, I. Takatama, S. Maehara, and I. Igarashi, to Yawata Iron & Steel Co., Ltd., and Yokoyama Engineering Co., Ltd. Method of preventing explosions in waste gas recovery systems for oxygen top-blowing converters. 3,173,489, 3–16–65, Cl. 169—1.

Okaniwa, Keiji, I. Takatama, S. Maehara, and I. Igarashi, to Yawata Iron & Steel Co. Ltd., and Yokoyama Engineering Co. Ltd. Method and apparatus for recovering waste gas from oxygen top blowing converter in unburned state. 3,177,065, 4–6–65, Cl. 75—60.

Okaniwa, Keiji, I. Takatama, S. Maehara, and I. Igarashi, 50% to Yawata Iron & Steel Co., Ltd., and 50% to Yokoyama Engineering Co., Ltd. Method and apparatus for recovering waste gas from oxygen top blowing converter in unburned state. 3,220,826, 11–30–65, Cl. 75—60.

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Okazaki, Shigeyuki. Filling substance for producing chromium-molybdenum steel. 3,194,649, 7–13–65, Cl. 75—27.

O'Keefe, David F.: *See*—
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O'Keefe, John M.: *See*—
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O'Keefe, Michael F., to AMP Inc. Coaxial connector construction. 3,219,963, 11–23–65, Cl. 339—157.

O'Keeffe, Andrew E., to Keuffel & Esser Co. Method and apparatus for producing a copy of an original. 3,204,543, 9–7–65, Cl. 95—75.

O'Kelly, Brendan M.: *See*—
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Oken, Stanley, S. Rook, I. Munt, and R. Rabin, to Sperry Rand Corp., Ford Instrument Co. Division. Electronic digital to synchro converter. 3,196,430, 7–20–65, Cl. 340—347.

Oklejas, Eli. Valve system. 3,208,647, 9–28–65, Cl. 222—447.

Okenfuss, Richard H., to The Procter & Gamble Co. Milled detergent bar. 3,178,370, 4–13–65, Cl. 252—137.

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Okolischan, Anton, to National Rejectors, Inc. Coin separators. 3,197,009, 7–27–65, Cl. 194—97.

Okolischan, Anton, and J. M. Schaab, to National Rejectors, Inc. Money-handling devices. 3,193,075, 7–6–65, Cl. 194—100.

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Okonski, Jan. Toy boat propulsion means. 3,193,967, 7–13–65, Cl. 46—95.

Okubo, Masashi, to Matsushita Electric Works, Ltd. Electric dry shaver head having trimmer edge. 3,201,178, 8–17–65, Cl. 30—34.1.

Okuda, Jiro, to Nippon Electric Co. Ltd. Signal level discriminator circuit with Zener diode interrogated by bipolar pulses and biased by ternary input. 3,213,294, 10–19–65, Cl. 307—88.5.

Okuda, Jiro, and S. Tanaka, to Nippon Electric Co. Ltd. Pulse controlled timing circuit for monostable multivibrator. 3,217,179, 11–9–65, Cl. 307—88.5.

Okuda, Toru: *See*—
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Okuhara, Motoharu. Therapeutic instrument for application of heat and cold. 3,168,895, 2–9–65, Cl. 128—399.

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Okwit, Seymour, to Cutler-Hammer, Inc. Backward wave parametric amplifier with fixed idler frequency and phase propagation constant. 3,169,225, 2–9–65, Cl. 330—4.6.

Okwit, Seymour, to Cutler-Hammer, Inc. Microwave structure utilizing ferrite coupling means. 3,200,353, 8–10–65, Cl. 333—24.1.

Okwit, Seymour, and M. I. Grace, to Cutler-Hammer, Inc. Backward-wave parametric amplifiers with wide-band tuning. 3,169,196, 2–9–65, Cl. 307—88.

Olagnier, Jean F., and P. F. M. J. Jolivet, to Pneumatiques, Caoutchouc Manufacture et Plastiques Kleber Colombes, Societe Anonyme dite. Anti-splash tires for fast rolling aircraft. 3,204,681, 9–7–65, Cl. 152—154.

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Olah, George A., to The Dow Chemical Co. Thiolfluoroformates and method for their preparation. 3,219,680, 11–23–65, Cl. 260—455.

Olaj, Oskar, and A. Maeder, to Ciba Ltd. Water-soluble acrylic copolymers containing quaternary ammonium groups and including N-vinyl pyrrolidone type comonomer. 3,178,397, 4–13–65, Cl. 260—80.5.

Ölander, Bertil W., and S. G. Jonsson, to H. Fischer, KG. Push cart for self-serving stores 3,190,673, 6–22–65, Cl. 280—33.99.

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Olander, Roland J., to W. H. Miner, Inc. Door locking and stabilizing mechanism. 3,212,805, 10–19–65, Cl. 292—218.

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Oldberg, Sidney. Temperature-responsive fluid clutch. 3,174,600, 3–23–65, Cl. 192—58.

Oldberg, Sidney, to Eaton Mfg. Co. Suspension system and apparatus for supporting a structure. 3,206,185, 9–14–65, Cl. 267—64.

Olden, Roger G., to Radio Corp. of America. Simultaneous identical electrostatic image recording on multiple recording elements. 3,210,185, 10–5–65, Cl. 96—1.

Oldenburg, Gerald F., to Bailey Meter Co. Interrupter control including a pulse which inhibits error signal to mitigate overshoot. 3,222,532, 12–7–65, Cl. 290—40.

Oldenburg, Kenneth F., B. F. Kuhne, and D. Fazio, to Addmaster Corp. Method of forming a pin carriage. 3,170,233, 2–23–65, Cl. 29—418.

Oldenburg, Kenneth F., and R. E. Busch, to Clary Corp. Hammer timing means in a high speed belt printer. 3,216,348, 11–9–65, Cl. 101—93.

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Oldenkamp, Henry A., and W. J. Adams, Jr., to FMC Corp. Apparatus for sectionizing citrus fruit. 3,172,440, 3–9–65, Cl. 146—3.

Oldenkamp, Henry A., and R. F. Small, to FMC Corp. Freeze drying apparatus with inflatable platen contact heating. 3,199,217, 8–10–65, Cl. 34—92.

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Oldershaw, Charles G., and J. A. Frane, to General Foods Corp. Extrusion apparatus and process. 3,215,094, 11–2–65, Cl. 107—54.

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O'Leary, Paul C., to Shaft Machines Ltd. Mucking machines and excavators of the telescopic boom-type. 3,187,916, 6–8–65, Cl. 214—657.

O'Leary, Robert E., to Olos Corp. Batting practice device comprising a tethered ball driven by a motor through a friction clutch. 3,166,316, 1–19–65, Cl. 273—26.

O'Leary, Robert L. Cleaning device. 3,208,092, 9–28–65, Cl. 15—257.

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Oles, John S. Fabricated hub construction and method of manufacture. 3,178,952, 4–20–65, Cl. 74—230.3.

Oleson, Delbert A. Self-hinging laminated plastic folders. 3,206,225, 9–14–65, Cl. 281—29.

Oleson, James F. Cable threading apparatus. 3,190,616, 6–22–65, Cl. 254—134.3.

Oleson, William M. Digital readout system. 3,166,637, 1–19–65, Cl. 178—26.

Olewine, William E., 33⅓% to Four High Enterprises, Inc. Self-contained electrical blinker light having lamp and control circuit subassembly units. 3,193,817, 7–6–65, Cl. 340—321.

Olexson, Andrew S. and E. P. Piggyback pocket level. 3,180,035, 4–27–65, Cl. 33—207.

Olexson, Andrew S. and E. P. Piggyback pocket level. 3,225,451, 12–28–65, Cl. 33—207.

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Olin, John F., to Pennsalt Chemical Corp. Method of controlling plant growth. 3,189,429, 6–15–65, Cl. 71—2.5.

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Olson, Eugene E., and H. A. Mickelson, to King-Seeley Thermos Co. Apparatus and method for treating coated electrodes and the like. 3,214,871, 11–2–65, Cl. 51—316.
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Olson, George E., to International Business Machines Corp. Magnetic core ring circuit. 3,202,831, 8–24–65, Cl. 307—88.5.
Olson, Glenn V. Power rivet gun. 3,164,283, 1–5–65, Cl. 218—47.
Olson, Gordon J. Pelt stretching device. 3,204,435, 9–7–65, Cl. 69—19.1.
Olson, Harold C. Detachable tray and tray holder. 3,186,673, 6–1–65, Cl. 248—226.
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Olson, Henry L., and P. E. Willman, to McGraw-Edison Co. Adjustable fry pan handle. 3,215,063, 11–2–65, Cl. 99—425.
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Olson, James R., and E. S. Perry, to Eastman Kodak Co. Process for the manufacture of biaxially oriented polypropylene film. 3,217,073, 11–9–65, Cl. 264—178.
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Olson, John W., J. M. Pechan, and J. B. O'Mara, to Anaconda Wire and Cable Co. Pothead closure sealed with bismuth-tin alloy. 3,198,877, 8–3–65, Cl. 174—74.
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Olson, Ole N.; 33.93% to J. J. Salinas, 33.93% to A. J. Passmas, 17.86% to Central Indiana Real Estate & Development Corp., 7.14% to Johnston Container Corp., and 7.14% to H. B. Livengood. Revolver cartridge clip. 3,197,907, 8–3–65, Cl. 42—89.
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Olsson, Erik Allan. Process for treating continuously cast material. 3,191,251, 6–29–65, Cl. 22—200.1.
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Bodanszky, Miklos, Ondetti, and Sheehan. 3,216,994.
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Opfermann, Adolf. Rail section for toy and model railroads. 3,223,327, 12–14–65, Cl. 238—10.
Opie, Joseph W., and J. L. Keen, to General Mills, Inc. Forming paper containing periodate oxidized polygalactomannan gum and paper thereof. 3,205,125, 9–7–65, Cl. 162—178.
Opitz, Wolfgang, to United Aircraft Corp. Method and means for control of a pulsed beam of charge carriers. 3,193,722, 7–6–65, Cl. 315—30.
Opolka, John C. Guide map holder. 3,180,044, 4–27–65, Cl. 40—42.
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Oppenheimer, Henry N., to General Precision, Inc. Equal-area simultaneous display of remotely located television cameras, signals on a single monitor screen and synchronization of same. 3,180,932, 4–27–65, Cl. 178—6.8.
Oppenheimer, John A. Pegs for clipping clothes, photographs and like flexible sheet articles to a line. 3,171,181, 3–2–65, Cl. 24—137.
Oppliger, Paul E., to Dow Corning Corp. Process for treating hair with ionic oil-in-water emulsions of polyorganosiloxanes. 3,208,911, 9–28–65, Cl. 167—87.
Opratko, Val, and L. S. Price, to Rio Algom Mines Ltd. Purification of yellow cake. 3,174,821, 3–23–65, Cl. 23—14.5.
Oprecht, Ulrich, to Adolph Saurer, Ltd. Gas lubricated sleeve bearing for gas turbines. 3,194,616, 7–13–65, Cl. 308—121.
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Opsahl, Eugene G., to Amsted Industries Inc. Multi-gauge brake beam. 3,169,609, 2–16–65, Cl. 188—219.6.
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Oram, John A., to Hall, Pollock and Vande Sande. Dispensing package. 3,195,785, 7–20–65, Cl. 222—183.
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Oren, Donald G. Cargo restraining means. 3,177,007, 4–6–65, Cl. 280—179.
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Orloff, Harold D., to Ethyl Corp. Piperazine derivatives. 3,218,322, 11–16–65, Cl. 260—268.
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Bleiweiss, Arthur F., Colombo, Dickson, and Orlov. 3,225,166.
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De Ruggieri, Pietro, Gandolfi, and Guzzi. 3,185,684.
De Ruggieri, Pietro, Gandolfi, and Guzzi. 3,198,790.
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Orr, Charles B., Jr. 2-wire-4-wire telephone converter for use on unstable 4-wire circuits. 3,174,100, 3–16–65, Cl. 325—5.
Orr, Clifford M., to Chicago Bridge & Iron Co. Gas tight seal. 3,224,620, 12–21–65, Cl. 220—5.
Orr, Donald, to Electrol Equipment, Inc. Dynamoelectric machine with odd multiple harmonic excited field. 3,175,111, 3–23–65, Cl. 310—126.
Orr, Fay. Cutter tip holder for roof scratching construction. 3,223,451, 12–14–65, Cl. 299—85.

Orr, Francis L. Lawn edger. 3,217,480, 11–16–65, Cl. 56—256.
Orr, Gerald H., L. McGuire, and J. W. Tynan, to Continental Oil Co. Stuffing box assembly. 3,209,830, 10–5–65, Cl. 166—84.
Orr, Harley J., to Basic Products Corp. Baseboard heater. 3,221,139, 11–30–65, Cl. 219—367.
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Orr, Herbert. Ladder with load conveying means. 3,206,-003, 9–14–65, Cl. 198—126.
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Orr, James E., to Litton Precision Products, Inc. Traveling wave crossed-field electron tube with specific grid construction. 3,210,602, 10–5–65, Cl. 315—39.3.
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Orr, Sydney C., Jr., to Buckeye Mfg. Co. Egg hatching system. 3,225,740, 12–28–65, Cl. 119—35.
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Orthner, Ludwig, K. Horst, H. Wellens, and H. Lebenich, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing hardenable condensation products from bis-triazinones. 3,173,895, 3–16–65, Cl. 260—67.5.
Orthner, Ludwig, H. Klug, H. G. Kolm, and H. Herzberg, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Varnish resins consisting of chlorinated polypropylene or chlorinated copolymers of ethylene and propylene and process for their manufacture. 3,192,188, 6–29–65, Cl. 260—88.2.
Orthner, Ludwig, K. Horst, and H. Wellens, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing hardenable condensation products. 3,211,730, 10–12–65, Cl. 260—248.
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Ortloff, John E., and R. J. Howe, to Esso Production Research Co. Bit loading apparatus. 3,225,843, 12–28–65, Cl. 175—93.
Ortman, Charles H., ⅓ to I. J. Warner. Toggle operated pliers. 3,190,155, 6–22–65, Cl. 81—379.
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Osafune, Hiroe, and I. Sasaki, to Nippon Electric Co. Ltd. Compound semiconductor element and manufacturing process therefor. 3,193,738, 7–6–65, Cl. 317—234.
Osafune, Hiroe, and I. Sasaki, to Nippon Electric Co. Ltd. Semiconductor device. 3,193,740, 7–6–65, Cl. 317—235.
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Osban, William R., and J. W. Lane, to American Cyanamid Co. Method of treating wet moving tow bands of filamentary material. 3,199,214, 8–10–65, Cl. 34—23.
Osbond, John M., and J. C. Wickens, to Hoffmann-La Roche Inc. 1-(phenyl)-or 1-(alkyl-substituted-phenyl)-5-(substituted-phenyl)-3-aza penta(1)ols and salts thereof. 3,211,792, 10–12–65, Cl. 260—570.6.
Osbond, John M., and J. C. Wickens, to Hoffmann-La Roche Inc. N-(substituted-phenethyl)-1-hydroxy-1-cycloalkylethylamine. 3,215,738, 11–2–65, Cl. 260—570.8.
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Osborn, Charles W., to Phillips Petroleum Co. Laminates of olefin polymer films. 3,218,224, 11–16–65, Cl. 161—247.
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Osborn, Oliver, and J. C. Robertson, to The Dow Chemical Co. Method for treating ferrous metals. 3,197,306, 7–27–65, Cl. 75—130.
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Osborn, Paul V., Jr., to National Distillers and Chemical Corp. Garment bag roll perforating and sealing machine. 3,205,117, 9–7–65, Cl. 156—513.
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Osborn, Stephen W., and E. Broderick, to Thiokol Chemical Corp. Process for making ethylene sulfide and intermediate product for use therein. 3,213,108, 10–19–65, Cl. 260—327.
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Osborne, Leonard A., and V. G. Rivers, to Bristol Siddeley Engines Ltd. Methods of making resin reinforced articles. 3,185,605, 5–25–65, Cl. 156—289.
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O'Shea, Francis X., and F. B. Root, to United States Rubber Co. Method of preparing hydroxybenzylamines. 3,219,700, 11–23–65, Cl. 260—569.

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Oshima, Shintaro, H. Enomoto, K. Eutami, T. Kobayashi, and T. Kamibayashi, to Kokusai Denshin Denwa Kabushiki Kaisha. Thin film memory apparatus. 3,213,430, 10–19–65. Cl. 340—174.

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Oster, Thomas H., to Ford Motor Co. Casting cleaning. 3,205,105, 9–7–65, Cl. 156—18.

Oster, Thomas H., to Ford Motor Co. Warning signal circuit for an alternator. 3,215,923, 11–2–65, Cl. 320—48.

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Palmer, John M., to Shell Oil Co. Method for determining permeability alignment in a formation. 3,181,608, 5–4–65, Cl. 166—4.
Palmer, Keith W., and M. A. E. Hodgson, to Imperial Chemical Industries Ltd. Processes for the separation of hydrocarbons. 3,219,721, 11–23–65, Cl. 260—669.
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Palmer, Lawrence F., Sr. Universal joint. 3,224,222, 12–21–65, Cl. 64—9.
Palmer, Leon B., to Congoleum-Nairn Inc. Method of producing decorative surface covering. 3,194,856, 7–13–65, Cl. 264—76.
Palmer, Leon B., to Congoleum-Nairn Inc. Process for producing decorative surface covering. 3,224,894, 12–21–65, Cl. 117—11.
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Palmer, Lewis E., to Union Insulating Co. Insulated wiring box made of selectively useable molded sections of thermoplastic material united by solvent welding to form a unitary box. 3,168,613, 2–2–65, Cl. 174—65.
Palmer, Lewis E., to Union Insulating Co. Insulated outlet box with grounding strap. 3,210,458, 10–5–65, Cl. 174—51.
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Palmer, William E., and L. D. Weaver, to Swift & Co. Apparatus for separating and closing weasands. 3,216,055, 11–9–65, Cl. 17—1.
Palmer, William F., to Sylvania Electric Products Inc. High conduction semiconductor diode. 3,226,609, 12–28–65, Cl. 317—234.
Palmer, Winslow, to Sperry Rand Corp. Feedback controlled single sideband generator. 3,188,581, 6–8–65, Cl. 332—45.
Palmer, Winslow, to Sperry Rand Corp. Analogue-to-digital-converter. 3,188,626, 6–8–65, Cl. 340—347.
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Palmisano, Rocco R., and J. A. Drager, to United States of America, Army. Vortex device for obtaining both hot and cold air from a single air supply input. 3,214,923, 11–2–65, Cl. 62—5.
Palmisano, Rosso R., to United States of America, Army. Vortex flow control valve. 3,219,048, 11–23–65, Cl. 137—81.5.
Palmleaf, Herbert, to A. J. Gerrard Mfg. Co. Strap chopper. 3,186,278, 6–1–65, Cl. 83—355.
Palmleaf, Herbert, and A. Tako, to A. J. Gerrard Mfg. Co. Strap buckle. 3,222,745, 12–14–65, Cl. 24—269.
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Palopoli, Frank P., A. A. Carr, V. J. Feil, G. L. Krueger, and W. L. Kuhn, to Richardson-Merrell Inc. Amino-2-hydroxy-1-propoxy bengal derivatives of fluorene and xanthene. 3,178,420, 4–13–65, Cl. 260—240.
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Panhard, Paul, to Societe Anonyme des Anciens Etablissements Panhard & Levassor. Synchronizing devices for twin-cylinder heat engines having two opposed pistons in each cylinder. 3,182,895, 5–11–65, Cl. 230—56.
Panhard, Paul, to Societe Anonyme des Anciens Etablissements Panhard & Levassor. Steering linkage arrangement for independently suspended wheels. 3,204,978, 9–7–65, Cl. 280—95.
Panicci, Elio W., and L. F. Geremia, to Maxson Electronics Corp. Open blade snap action switch. 3,178,528, 4–13–65, Cl. 200—67.
Panick, Karl, to Webasto Werke G.m.b.H. Heating devices, more especially for motor vehicles. 3,175,551, 3–30–65, Cl. 126—116.
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Pannell, Calvin E., and P. D. Oja, to The Dow Chemical Co. Fuel comprising a hydrazinoalkane and hydrazines. 3,219,500, 11–23–65, Cl. 149—36.
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Pannier, Ralph A., and Stoltenberg. 3,181,456.

Pannier, Ralph A., and L. A. Stoltenberg, to The Pannier Corp. Flexographic rotary printing cylinder with retractable dies. 3,181,456, 5–4–65, Cl. 101—91.
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Pannozzo, Michael L. Handicap golf score punch. 3,189,269, 6–15–65, Cl. 234—45.
Pano, Peter V., and W. A. Faucette, to Linen Supply Assn. of America. Process for depositing a water insoluble bacteriocide on a fabric. 3,172,777, 3–9–65, Cl. 117—138.5.
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Panzarella, Frank P., to Doak Pharmacal Co., Inc. Pregnenolone hemisuccinate compositions and therapy. 3,197,367, 7–27–65, Cl. 167—58.
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Panzer, Max L., A. M. Hudson, G. H. Lockwood, and S. C. Crane, to Del Monte Technical Associates. Measuring engine. 3,166,361, 1–19–65, Cl. 308—4.
Panzer, Max L., A. M. Hudson, G. H. Lockwood, and S. C. Crane, to Del Monte Technical Associates. Film reader. 3,204,521, 9–7–65, Cl. 88—24.
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Pape, Hans-Martin, to Gustav F. Gerdts, K.G. Discharger for condensation water. 3,200,834, 8–17–65, Cl. 137—183.
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Papelian, Roger G., to Computer Control Co., Inc. Encoding apparatus. 3,196,431, 7–20–65, Cl. 340—347.
Papell, Solomon S., to United States of America, National Aeronautics and Space Administration. Low viscosity magnetic fluid obtained by the colloidal suspension of magnetic particles. 3,215,572, 11–2–65, Cl. 149—2.
Papenguth, Richard P., to Parker-Hannifin Corp. Fluid seal. 3,215,442, 11–2–65, Cl. 277—180.
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Nystrand, Ernst D. 3,195,882.
Nystrand, Ernst D. 3,213,734.
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Papke, Friedrich, to Voigtlander A.G. Albada viewfinders with molded lens and plane mirror for viewing indicator element. 3,174,391, 3–23–65, Cl. 88—1.5.
Papke, Friedrich, W. Reiche, and P. Greger, to Voigtlander A.G. Albada viewfinder with integral reflector and lens means for viewing external pointer. 3,175,457, 3–30–65, Cl. 88—1.5.
Papke, Friedrich, to Voigtlander A.G. Air gap Albada viewfinder with lateral mirror and lens on front element for viewing external indicator. 3,182,545, 5–11–65, Cl. 88—1.5.
Papke, Friedrich, to Voigtlander A.G. Albada viewfinder for photographic cameras with optical means including reflector on rear element for viewing external indicator. 3,182,546, 5–11–65, Cl. 88—1.5.
Papke, Friedrich, to Voigtlander A.G. Reflex camera viewfinder including composite setting disk with Fresnel lens surfaces and focusing wedges. 3,182,576, 5–11–65, Cl. 95—42.
Papke, Friedrich, to Voigtlander A.G. Block type albada viewfinder with indicator viewing mirror and lens carried by front element. 3,192,826, 7–6–65, Cl. 88—1.5.
Papke, Friedrich, to Voigtlander A.G. Slide projector with adjustable built-in filter means for changing the reproduction of colors. 3,220,306, 11–30–65, Cl. 88—24.
Papp, Grace P., and S. A. Buckler, to American Cyanamid Co. Phosphino-s-triazines. 3,213,093, 10–19–65, Cl. 260—249.8.
Papp, Grace P., and S. A. Buckler, to American Cyanamid Co. Carbamoyl phosphines and preparation thereof. 3,214,457, 10–26–65, Cl. 260—465.4.
Papp, Stephen J. Magnetically attached engine heater. 3,194,944, 7–13–65, Cl. 219—205.
Pappas, Anthony J.; 10% to J. W. Densch. Carpenter's level. 3,172,212, 3–9–65, Cl. 33—206.
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Pappas, James J., and F. H. Kant, to Esso Research and Engineering Co. Aromatic lubricants and their method of preparation. 3,173,965, 3–16–65, Cl. 260—667.
Pappas, James J., and A. Schriesheim, to Esso Research and Engineering Co. Synthetic fluids as multifunctional lubricants. 3.189,660, 6–15–65, Cl. 260—671.
Pappas, John, to Weyerhaeuser Co. Veneer jointer machine. 3,213,907, 10–26–65, Cl. 143—47.
Pappas, Louis: *See*—
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Pappas, Mike J. Thermometer-altitude unit and method. 3,212,332, 10–19–65, Cl. 73—362.4.
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Pappo, Raphael, and L. N. Nysted, to G. D. Searle & Co. Process and 5-oxygenated intermediates for the manufacture of 19-norsteroids of the androstane series. 3,176,014, 3–30–65, Cl. 260—239.55.
Papst, Hermann. Combined fuel injection and ignition system for internal combustion engines. 3,186,386, 6–1–65, Cl. 123—32.
Papst, Hermann. Driving system for motor cars. 3,211,249, 10–12–65, Cl. 180—65.
Papst, Hermann. Internal combustion engine with fuel injection. 3,212,482, 10–19–65, Cl. 123—32.
Paquette, Elmer G., to United States of America, Air Force. Package comprising radar chaff. 3,221,875, 12–7–65, Cl. 206—65.
Paquette, Leo A., to The Upjohn Co. Hydrazones of cyclichalovinylaldehydes. 3,164,585, 1–5–65, Cl. 260—240.

Paquette, Leo A., to The Upjohn Co. 2-azabicyclo[3.2.0]-hept-6-enes and derivatives thereof. 3,169,972, 2–16–65, Cl. 260—313.
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Irwin, Jere F., and A. D. and F. G. Paxton. 3,163,969.
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Pearl, Curtis F., to Pentapco, Inc. Tool adaptable to aid in the making of pleats and the like. 3,188,742, 6–15–65, Cl. 33—143.

Pearl, Curtis F., and J. W. Kalbfeld, to R. M. Bloom. Fluid dispensing device. 3,197,070, 7–27–65, Cl. 222—79.

Pearl, David R.: *See*—
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Pearl, David R., to United Aircraft Corp. Shock wave position controller. 3,181,818, 5–4–65, Cl. 244—53.

Pearl, David R., and F. E. Scheidler, to United Aircraft Corp. Hydraulic amplification with hydraulic feedback. 3,219,060, 11–23–65, Cl. 137—625.6.

Pearl, David S. Fluid pressure regulator having means to reduce hum. 3,168,903, 2–9–65, Cl. 137—505.42.

Pearl, David S. Fluid pressure regulator with fixedly and positvely held spring. 3,169,547, 2–16–65, Cl. 137—505.42.

Pearl, David S., to Uniweld Products, Inc. Fluid pressure regulator with fixedly and positively held spring having means to reduce hum. 3,195,568, 7–20–65, Cl. 137—505.42.

Pearl, James C., to Gardner-Denver Co. Torque responsive clutch. 3,205,985, 9–14–65, Cl. 192—56.

Pearl, Judea, to Radio Corp. of America. Apparatus, without moving parts, for moving a storage area along a storage medium. 3,201,765, 8–17–65, Cl. 340—173.1.

Pearlman, Donald, to Eastman Kodak Co. Direct positive photoconductography. 3,165,457, 1–12–65, Cl. 204—18.

Pearlstein, Fred, to United States of America, Army. Stabilized electroless copper solution. 3,222,195, 12–7–65, Cl. 106—1.

Pearman, James R. G., to Eastman Kodak Co. Vaginal tampon and applicator. 3,177,872, 4–13–65, Cl. 128—263.

Pearne, Florentin J., to Pearne and Lacy Machine Co., Inc. Flow control valve with stop means movable at a controlled rate. 3,213,886, 10–26–65, Cl. 137—625.69.

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Pearse, Harvey A. Automatic sediment removal means for portways of gate valves and the like. 3,209,776, 10–5–65, Cl. 137—238.

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Pearson, Charles, Jr. Ball game with rotating ball projection means. 3,203,699, 8–31–65, Cl. 273—119.

Pearson, Charles E., ⅛ to L. H. Booker, and ⅛ to M. W. Salvage. Dirt discharging means for auger-drill rig. 3,190,375, 6–22–65, Cl. 175—88.

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Pearson, Frederick H., to Rose Brothers (Gainsborough) Ltd. Method and machine for wrapping. 3,208,191, 9–28–65, Cl. 53—27.
Pearson, Harry C., to Portland Iron Works. Saw apparatus. 3,202,189, 8–24–65, Cl. 143—37.
Pearson, John H., to The Black-Clawson Co. Apparatus for oscillating a traveling web in paper machinery. 3,184,374, 5–18–65, Cl. 162—257.
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Pearson, Nels E., to Rex Chainbelt Inc. Block link for chain. 3,192,785, 7–6–65, Cl. 74—255.
Pearson, Nolan E., to Fairchild Camera and Instrument Corp. Shear gauge pressure-measuring device. 3,213,681, 10–26–65, Cl. 73—141.
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Pearson, Robert G. Drilling rate recorder. 3,220,251, 11–30–65, Cl. 73—151.5.
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Gauguin, Roland, and Nury. 3,216,785.
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Pechmann, Wilhelm, to H. Strunck & Co., Maschinenfabrik. Bottle capping machine. 3,212,231, 10–19–65, Cl. 53—307.
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Peck, Bruce E., and C. Fujimoto, to The National Cash Register Co. Magnetic core memory structure. 3,181,128, 4–27–65, Cl. 340—174.
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Peckham, Arthur C. Corrective and protective knee brace. 3,194,233, 7–13–65, Cl. 128—80.
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Pedersen, Svend R., to Pedersen Electronics. Ambulatory typewriter apparatus having only one driving means. 3,190,427, 6–22–65, Cl. 197—2.
Pederson, Donald E., to Rohr Corp. Electron beam vacuum welding system with walking seal. 3,219,792, 11–23–65, Cl. 219—117.
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Peebles, David M. Supporting means for suspension files and the like. 3,208,456, 9–28–65, Cl. 129—16.
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Peek, Henry L., G. W. Gibb, and H. M. Pflanz, to Allis-Chalmers Mfg. Co. Motor and spring operated vacuum switch. 3,209,101, 9–28–65, Cl. 200—92.
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Berry, David L., and Peil. 3,205,376.
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Peirce, Thomas H. Damper. 3,196,710, 7–27–65, Cl. 74—574.
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Pelavin, Milton H., to Technicon Instruments Corp. Digital read-out apparatus. 3,167,377, 1–26–65, Cl. 346—14.
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Pelcin, Albert L., to The Eastern Co. Door control mechanism. 3,209,564, 10–5–65, Cl. 70—148.
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Pelisson, Claude G. D. J., to Societe d'Exploitation des Materiels Hispano-Suiza. Hydraulic control systems including double action receiver apparatus. 3,225,663, 12–28–65, Cl. 91—305.
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Pera, John D., and J. M. Sharpley, to Buckman Laboratories, Inc. Process for the control of sulfate-reducing bacteria. 3,198,733, 8–3–65, Cl. 252—8.55.
Pera, William. Phase-splitter circuit for use with an audio amplifier. 3,171,088, 2–23–65, Cl. 330—117.
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Peralta, Bernal, to Union Oil Co. of California. Catalytic hydrocracking process employing water as a promoter. 3,173,853, 3–16–65, Cl. 208—89.
Peras, Lucien, to Regie Nationale des Usines Renault. Device for maintaining the doors of automobile vehicles in a given position of opening. 3,165,777, 1–19–65, Cl. 16—85.
Peras, Lucien, to Regie Nationale des Usines Renault. Control devices with coaxial throttle and pressure reducer for hydraulic braking systems of vehicles. 3,165,980, 1–19–65, Cl. 91—370.
Peras, Lucien, to Regie Nationale des Usines Renault. Articulation for the bonnet of an automobile. 3,171,156, 3–2–65, Cl. 16—135.
Péras, Lucien, to Regie Nationale des Usines Renault. Locks for sliding windows, notably of automobiles. 3,171,678, 3–2–65, Cl. 292—175.
Péras, Lucien, to Regie Nationale des Usines Renault. Mounting of wheel suspension arms. 3,173,707, 3–16–65, Cl. 280—124.
Péras, Lucien, to Regie Nationale des Usines Renault. Bumpers of vehicles. 3,173,717, 3–16–65, Cl. 293—73.
Peras, Lucien, to Regie Nationale des Usines Renault. Synchromeshing devices. 3,175,412, 3–30–65, Cl. 74—339.
Peras, Lucien, to Regie Nationale des Usines Renault. Synchromesh devices for sliding gears. 3,175,413, 3–30–65, Cl. 74—339.
Peras, Lucien, to Regie Nationale des Usines Renault. Segmentary sealing blades for rotary engines. 3,175,503, 3–30–65, Cl. 103—130.
Peras, Lucien, to Regie Nationale des Usines Renault. Scrap conveyors for metal working workshops. 3,175,677, 3–30–65, Cl. 198—224.
Peras, Lucien, to Regie Nationale des Usines Renault. Accelerator pedals of automobile vehicles. 3,178,962, 4–20–65, Cl. 74—561.
Peras, Lucien, to Regie Nationale des Usines Renault. Engine propulsion units. 3,178,964, 4–20–65, Cl. 74—645.
Peras, Lucien, to Regie Nationale des Usines Renault. Cooling system of rear-engined vehicles. 3,179,197, 4–20–65, Cl. 180—54.
Peras, Lucien, to Regie Nationale des Usines Renault. Disc brakes. 3,181,654, 5–4–65, Cl. 188—73.
Peras, Lucien, to Regie Nationale des Usines Renault. Means for converting a tail-gate estate car into a light delivery van or a passenger car. 3,181,911, 5–4–65, Cl. 296—37.
Peras, Lucien, to Regie Nationale des Usines Renault. Poppet valves of internal combustion engines. 3,185,142, 5–25–65, Cl. 123—188.
Peras, Lucien, to Regie Nationale des Usines Renault. Packing devices comprising fixed and movable elements for rotary engines. 3,185,386, 5–25–65, Cl. 230—145.
Péras, Lucien, to Regie Nationale des Usines Renault. Two-position supporting pegs made of flexible material, more particularly for use in motor vehcles. 3,185,427, 5–25–65, Cl. 248—309.
Peras, Lucien, to Regie Nationale des Usines Renault. Collapsible supports for spare wheel of vehicles. 3,187,914, 6–8–65, Cl. 214—451.
Peras, Lucien, to Regie Nationale des Usines Renault. Devices for preserving the fluid-tightness of hydraulic cooling circuits of automobile engines. 3,193,041, 7–6–65, Cl. 180—68.
Peras, Lucien, to Regie Nationale des Usines Renault. Packings for rotary engines. 3,193,186, 7–6–65, Cl. 230—145.
Peras, Lucien, to Regie Nationale des Usines Renault. Trim correcting devices for vehicles equipped with a hydraulic-correction suspension system. 3,194,579, 7–13–65, Cl. 280—104.
Péras, Lucien, to Regie Nationale des Usines Renault. Automatic chain tensioning devices. 3,198,025, 8–3–65, Cl. 74—242.11.
Péras, Lucien, to Regie Nationale des Usines Renault. Timing devices for rotary engines. 3,199,495, 8–10–65, Cl. 123—8.
Péras, Lucien, to Regie Nationale des Usines Renault. Bodies of automotive vehicles. 3,199,912, 8–10–65, Cl. 296—28.
Peras, Lucien, to Regie Nationale des Usines Renault. Rotary engines. 3,200,794, 8–17–65, Cl. 123—8.
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Peras, Lucien, to Regie Nationale des Usines Renault. Process of incorporation of correctives in the manufacture of iron by the method of fusion with a consumable electrode. 3,203,783, 8–31–65, Cl. 75—11.
Peras, Lucien, to Regie Nationale des Usines Renault. Air-conditioning systems for automobile vehicles. 3,208,368, 9–28–65, Cl. 98—2.
Peras, Lucien, to Regie Nationale des Usines Renault. Lock control devices, notably of automobile doors. 3,208,783, 9–28–65, Cl. 292—336.3.
Peras, Lucien, to Regie Nationale des Usines Renault. Bogey secondary suspensions. 3,212,460, 10–19–65, Cl. 105—453.
Peras, Lucien, to Regie Nationale des Usines Renault. Refractory and cohesive materials having metallic phase and ceramic phase, method of producing same and method of coating using same. 3,214,250, 10–26–65, Cl. 29—182.5.
Peras, Lucien, to Regie Nationale des Usines Renault. Rotary diesel engines. 3,216,404, 11–9–65, Cl. 123—8.

Peras, Lucien, to Regie Nationale des Usines Renault. Mounting of wheel suspension arms of vehicles. 3,216,740, 11–9–65, Cl. 280—124.

Peras, Lucien, to Regie Nationale des Usines Renault. Railway car truck with elastic torsion blocks. 3,220,358, 11–30–65, Cl. 105—224.1.

Peras, Lucien, to Regie Nationale des Usines Renault. Rotary engines with rotating distributors. 3,224,421, 12–21–65, Cl. 123—8.

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Percival, Douglas F., and W. A. Sweeney, to California Research Corp. Detergent briquette. 3,172,859, 3–9–65, Cl. 252—137.

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Perdue, Jack, and A. C. Aitchison, to Electro-Hydraulics Ltd. Retractable undercarriages. 3,188,026, 6–8–65, Cl. 244—102.

Perdue, James B., and L. E. Tate. Silage distributor. 3,184,081, 5–18–65, Cl. 214—17.

Pereda, Celedonio V. Power transmission system. 3,205,653, 9–14–65, Cl. 60—19.

Perelman, Melvin, to Eli Lilly and Co. Stable amino-substituted lactams. 3,194,801, 7–13–65, Cl. 260—239.

Perelman, Melvin, to Eli Lilly and Co. Diaryl-acetonitriles and 2.2,3-triarylpropionitriles. 3,222,388, 12–7–65, Cl. 260—465.

Peretick, Edward C., to United States Steel Corp. Apparatus for spray quenching. 3,208,742, 9–28–65, Cl. 266—4.

Peretti, Leonard G., to Arvey Corporation. Display device. 3,163,948, 1–5–65, Cl. 40—30.

Peretz, Richard, to Ateliers de Constructions Electriques de Charleroi (ACEC). Non-linear functional operator. 3,173,-024, 3–9–65, Cl. 307—88.5.

Peretz, Richard, to Ateliers de Constructions Electriques de Charleroi (ACEC). Series-parallel transistor amplifier. 3,173,098, 3–9–65, Cl. 330—24.

Peretz, Richard, to Ateliers de Constructions Electriques de Charleroi (ACEC). D.C. transistor amplifier including a Zener diode. 3,199,041, 8–3–65, Cl. 330—19.

Pereue, Joseph H., B. F. Abbott, E. M. Bacon, and C. W. MacMillan, to Bear Mfg. Co. Wheel alinement indicator. 3,222,794, 12–14–65, Cl. 33—203.18.

Perez, Gabriel. Centrifugal air compressor. 3,215,342, 11–2–65, Cl. 230—211.

Perez, Guillermo, and L. Gryk, to Royal McBee Corp. Record sensing and feeding apparatus. 3,201,570, 8–17–65, Cl. 235—61.11.

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Perham, James A., to Albertson & Co., Inc. Safety wheel assembly. 3,210,892, 10–12–65, Cl. 51—168.

Perhink, Fred. Weed puller. 3,180,429, 4–27–65, Cl. 172—456.

Peri, Cesare A., to Montecatini Societa Generale per l'Industria Minerari e Chimica. Process for preparing the N-monomethyl-amide of O,O-dimethyldithiophosphorylacetic acid. 3,201,442, 8–17–65, Cl. 260—461.

Peri, John B., to California Research Corp. Stable metal sols and method for producing the same. 3,180,835, 4–27–65, Cl. 252—309.

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Perkins, Beauregard, Jr., and W. F. Jackson, to United States of America, Army. Horizontal displacement meter. 3,164,-983, 1–12–65, Cl. 73—71.

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Perkins, Charles H., and E. N. Caldwell, to Robertshaw Controls Co. Transparent instrument case closure. 3,187,582, 6–8–65, Cl. 73—431.

Perkins, Charles M., and T. V. McNamara, to Eaton Mfg. Co. Control for a main and auxiliary transmission system. 3,171,300, 3–2–65, Cl. 74—745.

Perkins, Corles M., to Minneapolis-Honeywell Regulator Co. Aircraft control apparatus. 3,171,279, 3–2–65, Cl. 73—178.

Perkins, Corles M., to Honeywell, Inc. Automatic pilots for aircraft. 3,222,013, 12–7–65, Cl. 244—77.

Perkins, Donald W., and J. A. Wainwright, to General Electric Co. True three-dimension display system. 3,202,985, 8–24–65, Cl. 343—7.9.

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Perkins, Gordon O.: *See*—
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Perkins, James M., and R. J. Twiford, to United States of America, Navy. Space vehicle reentry sensor. 3,169,724, 2–16–65, Cl. 244—1.

Perkins, James M., P. F. Graf, and F. R. Braum, to United States of America, Navy. Method of making an expendable electrical connector. 3,184,832, 5–25–65, Cl. 29—155.5.

Perkins, Joe. Internal combustion engine. 3,177,856, 4–13–65, Cl. 123—68.

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Perkins, Norwood K., to International Business Machines Corp. Molded core plane. 3,184,719, 5–18–65, Cl. 340—174.

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Perkins, Wallace W., to General Motors Corp. Measurement of inaccuracies in a surface of revolution. 3,207,979, 9–21–65, Cl. 324—61.

Perkins, Warren E., to Union Carbide Corp. Thermally insulated bulk storage container. 3,168,362, 2–2–65, Cl. 312—214.

Perkins, Warren E., to Perkins Pipe Linings Inc. Trowel for pipe lining material. 3,188,710, 6–15–65, Cl. 25—38.

Perkins, Warren E., to Union Carbide Corp. Protective handle for thermally insulated bulk storage container. 3,191,-794, 6–29–65, Cl. 220—14.

Perkins, William E., to United States of America, Army. Piezoelectric-powered gun firing mechanism. 3,198,074, 8–3–65, Cl. 89—12.

Perkut, Branko R. Water skiing apparatus. 3,181,493, 5–4–65, Cl. 115—6.1.

Perl, Emile, to G. M. Pfaff, AG. Sewing machine for overcasting. 3,192,887, 7–6–65, Cl. 112—162.

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Perlov, Raymond. One cup coffee maker. 3,215,060, 11–2–65, Cl. 99—306.
Perls, Thomas A., E. Rule, J. R. Field, and F. J. Suellentrop, to Lockheed Aircraft Corp. Method and apparatus for field calibrating pressure and acceleration measuring instrumentation systems. 3,165,913, 1–19–65, Cl. 73—1.
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Perret, Samuel L. Projector of radiations. 3,191,026, 6–22–65, Cl. 240—103.
Perreton, Arnold, to Formbloc, Inc. Composite insulated building block and wall structure. 3,204,381, 9–7–65, Cl. 52—309.
Perrett, Henri and C., to Societe d'Applications Logiques de l'Electronique (Socap Electronique). Matrix system. 3,215,898, 11–2–65, Cl. 317—101.
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Perron, Robert R., to Arthur D. Little, Inc. Infrared scanning apparatus for flow detection using duplicate parallel detectors. 3,210,546, 10–5–65, Cl. 250—83.3.
Perron, Robert R., to Arthur D. Little, Inc. Apparatus for atomizing a liquid. 3,214,101, 10–26–65, Cl. 239—102.
Perron, Yvon G., to Bristol-Myers Co. 6-[α-hydroxy- and α-amino-α-pyrrolylacetamido]penicillanic acids and salts thereof. 3,202,654, 8–24–65, Cl. 260—239.1.
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Perry, David G., F. O. Beatty, and E. D. Pheasant, to Garner and Perry. Liquid soap dispenser. 3,214,783, 11–2–65, Cl. 15—543.
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Perry, Elijah R., to Allis-Chalmers Mfg. Co. Explosive actuated switch. 3,190,990, 6–22–65, Cl. 200—142.
Perry, Forbes G. de B., to National Research Development Corp. Infinitely variable change speed gears. 3,203,267, 8–31–65, Cl. 74—200.
Perry, Francis B. Towing apparatus for wheeled vehicles. 3,216,596, 11–9–65, Cl. 214—85.1.
Perry, Gerald E.: *See*—
Cramer, Robert G., and Perry. 3,202,337.
Perry, Gerald H., and E. W. Shallow, to National Research Development Corp. Electronic information storage circuit utilizing negative resistance elements. 3,193,804, 7–6–65, Cl. 340—173.
Perry, Henry A., Jr., to United States of America, Navy. Thrust control apparatus. 3,210,937, 10–12–65, Cl. 60—35.55.
Perry, James G. Adjustable mounting for sash slide rail. 3,206,804, 9–21–65, Cl. 20—52.2.
Perry, James T.: *See*—
Krylow, Konstanty E., and Perry. 3,206,736.
Perry, Joseph A., Jr., to Cherry-Burrell Corp. Liquid level control system. 3,181,549, 5–4–65, Cl. 137—118.
Perry, Kenneth P.: *See*—
Jackson, Winston J., Jr., Perry, and Caldwell. 3,213,060.
Perry, Leo F.: *See*—
Anderson, Albert G., Perry, and Congdon. 3,177,899.
Perry, Mark J. Low pressure tire indicating system. 3,181,118, 4–27–65, Cl. 340—58.
Perry, Michael A., to E. S. Perry Ltd. Fountain pen. 3,182,636, 5–11–65, Cl. 120—50.
Perry, Peter A., Jr.: *See*—
Cantu, John M., and Perry. 3,206,064.
Perry, Reeves B.: *See*—
Mitch, Francis J., and Perry. 3,189,090.
Perry, Richmond E. Method of agglomerating iron ore fines. 3,185,564, 5–25–65, Cl. 75—3.

Perry, Robert H., Jr., to Esso Research and Engineering Co. Reduction of 1,5,9-cyclododecatriene to cyclododecene with lithium metal in ethyl amine. 3,173,964, 3–16–65, Cl. 260—666.
Perry, Robert H., Jr., to Esso Research and Engineering Co. Process for the silver oxide catalyzed oxidation of unsaturated cyclic ozonides. 3,202,704, 8–24–65, Cl. 260—533.
Perry, Robert O.: *See*—
Boyd, John L., and Perry. 3,199,589.
Holbert, Don R., and Perry. 3,210,310.
Holbert, Don R., and Perry. 3,212,577.
Holbert, Don R., Perry, and Boyd. 3,175,612.
Perry, Russell W., to The Firestone Tire & Rubber Co. Process for the polymerization of ethylenically unsaturated compound in the presence of a pentahydrocarbon ammonium compound and a heavy metal compound. 3,205,209, 9–7–65, Cl. 260—93.7.
Perry, Stephen F.: *See*—
Sparks, Robert E., and Perry. 3,192,125.
Perry, Walter J. Body massaging and scrubbing appliance. 3,196,867, 7–27–65, Cl. 128—56.
Perry, Walter M., to Johns-Manville Corp. Vacuum corrugator. 3,179,726, 4–20–65, Cl. 264—90.
Perry, Walter M., to Johns-Manville Corp. Apparatus for generating a hot gaseous blast. 3,212,557, 10–19–65, Cl. 158—99.
Perry, William H., Jr., to Cardinal Scale Mfg. Co. Warning range attachment for scale indicators. 3,174,566, 3–23–65, Cl. 177—166.
Perry, William M., to General Aniline & Film Corp. Copolymers of N-vinyl-2-pyrrolidones and vinyl esters as emulsions or latices. 3,166,525, 1–19–65, Cl. 260—29.6.
Perry, Winthrop L., to Abbott Machine Co., Inc. Winding machine. 3,168,257, 2–2–65, Cl. 242—35.5.
Perry, Winthrop L., to Abbott Machine Co., Inc. Automatic winding machine. 3,204,884, 9–7–65, Cl. 242—35.5.
Perry, Winthrop L., to Abbott Machine Co., Inc. Automatic winding machine. 3,210,022, 10–5–65, Cl. 242—35.5.
Persak, George, Jr., to Henry P. C. Keuls. Building blocks. 3,180,059, 4–27–65, Cl. 50—405.
Persak George, Jr., to Henry P. C. Keuls. Building blocks. 3,180,060, 4–27–65, Cl. 50—450.
Perschke, Louis. Hand guard for gymnasts and others. 3,178,724, 4–20–65, Cl. 2—16.
Persechino, Mario A., and H. V. Schlemmer, to United States of America, Navy. Augmentor and sabot stripper for hypervelocity light gas gun. 3,212,208, 10–19–65, Cl. 42—76.
Persell, Burton E.: *See*—
Costello, Robert B., and Persell. 3,187,705.
Persiaux, Jean, to Tractel S.A. Self-tightening clamps. 3,222,742, 12–14–65, Cl. 24—134.
Persidsky, Maxim D. Photographic apparatus. 3,214,233, 10–26–65, Cl. 352—184.
Person, Ernest H.: *See*—
Edwards, Albert S., and Person. 3,191,615.
Person, Ernest H., and W. J. Walsh, to Allied Thermal Corp. Air distribution unti. 3,166,001, 1–19–65, Cl. 98—40.
Person, Herman R., to Dale Electronics Inc. Capacitor resistance unit. 3,219,915, 11–23–65, Cl. 323—74.
Persson, Erik, to Allmanna Svenska Elektriska Aktiebolaget. Device for indicating the ceasing of superconductivity. 3,214,637, 10–26–65, Cl. 317—9.
Persson, Erik O., to Torsten Neldas. Rock drilling device. 3,181,434, 5–4–65, Cl. 92—107.
Persson, John A.: *See*—
Morrison, James P., and Persson. 3,180,917.
Persson, Karl G. A.: *See*—
Forsström, Bo G., and Persson. 3,207,398.
Persson, Karl R., to Ahlen & Akerlund Forpackning, AB. Cardboard box. 3,182,886, 5–11–65, Cl. 229—34.
Persson, Karl R., to Sprinter-Pak AB. Paperboard platform for packaging fragile items. 3,220,632, 11–30–65, Cl. 229—14.
Persson, Knut A. W., to Broderna Hedlund, AB. Guide device for tubes during welding operation. 3,181,762, 5–4–65, Cl. 228—49.
Persson, Knut A. W., to Broderna Hedlund, AB. Tube welding machine. 3,182,171, 5–4–65, Cl. 219—60.
Persson, Per O. R.: *See*—
Nordstrom, Oskar E. R., and Persson. 3,165,597.
Nordström, Oskar E. R., and Persson. 3,176,062.
Persson, Per-Oskar, to Frigoscandia Ltd. Fluidized freezer. 3,169,381, 2–16–65, Cl. 62—57.
Persson, Per-Oskar, to Frigoscandia Ltd. Eliminator for separation of liquid from gas. 3,208,204, 9–28–65, Cl. 55—443.
Persson, Sven E. Hinge device for windows. 3,197,807, 8–3–65, Cl. 16—172.
Persson, Sven E. Apparatus for machining elongated sections of material. 3,198,052, 8–3–65, Cl. 83—516.
Persson, Sven E. Frame for building openings. 3,213,980, 10–26–65, Cl. 189—75.
Persyn, David C. Tonsorial instrument. 3,225,442, 12–28–65, Cl. 30—233.5.
Pertien, Johannes. Building-element, particularly a paving-element. 3,221,614, 12–7–65, Cl. 94—13.
Pertrix-Union G.m.b.H.: *See*—
Schneider, Gerhard. 3,198,668.
Perucca, James R., to Bell Telephone Laboratories, Inc. Magnetostrictive apparatus. 3,173,131, 3–9–65, Cl. 340—174.
Perusse, Eugene T.: *See*—
Theodore, Charles, and Perusse. 3,207,994.
Peruzzotti, George P.: *See*—
Nielson, Eldon D., Hamilton, Riano, Rosi, and Peruzzotti. 3,198,809.
Perwas, Ludwig F. Height gages. 3,180,029, 4–27–65, Cl. 33—170.
Pescatore, Antoine, to Sulzer Brothers Ltd. Cooling parts of a steam generator by feedwater. 3,205,869, 9–14–65, Cl. 122—451.
Pesch, Albert, to W. Reiners. Yarn knotter with yarn portion eliminating means. 3,188,125, 6–8–65, Cl. 289—2.
Peschel, William F., and C. A. Tudbury, to The Ohio Crankshaft Co. Bar end heating apparatus. 3,185,810, 5–25–65, Cl. 219—10.69.
Peschke, Wilhelm: *See*—
Haack, Erich, Peschke, Heerdt, Aumueller, and Korger. 3,214,467.
Pesiri, James B.: *See*—
Casner, James P., and Pesiri. 3,197,097.
Pesman, Gerard J.: *See*—
Geier, Douglas J., Pesman, Johnston, and Radnofsky. 3,165,356.
Pesold, William F.: *See*—
Brothers, James A., and Pesold. 3,216,822.
Pesson, Marcel, to Laboratoire Roger Bellon, Societe anonyme dite. 3-hydroxy-4-hydrocarbon-5-tertiary amino triazoles and process for their preparation. 3,189,614, 6–15–65, Cl. 260—308.
Pestel, Guenter, to Crucible Steel Co. of America. Electrode clamp. 3,187,079, 6–1–65, Cl. 13—15.
Pester, William B.: *See*—
Hillegonds, Clarence G., and Pester. 3,180,212.
Pestka, John A., and B. R. Kuhl, to Warwick Mfg. Corp. Knob. 3,188,124, 6–8–65, Cl. 287—53.
Pet Milk Co.: *See*—
Cooper, Noel R., Flanigan, Jones, Mavis, and Wegner. 3,203,368.
Hazelton, Burton W. 3,185,340.
Magnino, Peter J. 3,226,237.
Searer, Harold J. 3,182,841.
Petch, James H. T., and P. A. Fisher, to Magnesium Elektron Ltd. Method of producing a magnesium base alloy. 3,167,-425, 1–26–65, Cl. 75—135.
Petchuk, Joseph. Material handling apparatus. 3,184,038, 5–18–65, Cl. 198—97.
Peter, Fritz, to West Virginia Pulp and Paper Co. Ice cream carton. 3,197,115, 7–27–65, Cl. 229—51.
Peter, Hans-Joachim: *See*—
Zimmermann, Dieter, and Peter. 3,226,054.
Peter, Hugo H., and M. C. Hoff, to Standard Oil Co. Trichloromethyl polymethyl benzenes. 3,187,057, 6–1–65, Cl. 260—651.
Peter, Joseph F. Lampshades and lampbases. 3,222,517, 12–7–65, Cl. 240—108.
Peter, Juanita G.: *See*—
Peter, Robert G. 3,183,044.
Peter, Julius: *See*—
Neumann, Wolfram, Holtschmidt, Peter, and Fischer. 3,193,522.
Wagner, Kuno, and Peter. 3,217,043.
Peter, Lothar: *See*—
Peter, Oskar E. and L. 3,191,923.
Peter, Martin: *See*—
Jaccarino, Vincent, and Peter. 3,185,900.
Peter, Oskar E. and L. Annular spring with closed inner and outer rings. 3,191,923, 6–29–65, Cl. 267—9.
Peter, Otto, and H. Reckhard, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Fabrication of carbon bodies. 3,171,816, 3–2–65, Cl. 252—510.
Peter, Philip W. Process for leaching uranium-bearing ores. 3,183,058, 5–11–65, Cl. 23—14.5.
Peter, Robert G., to Halliburton Co. Formation fluid sampler. 3,217,804, 11–16–65, Cl. 166—63.
Peter, Robert G., and J. G., executrix of R. G. Peter (deceased). Drill bit. 3,183,044. 5–11–65, Cl. 308—8.2.
Peter, Siegfried, to Gewerkschaft Elwerath. Method for the prevention of sulfur deposit in the riser pipes in the extraction of natural gases laden with hydrogen sulfide when elementary sulfur is present in the deposit. 3,223,156, 12–14–65, Cl. 166—6.
Peterhans, Ernst: *See*—
Matile, Pascal, Peterhans, and Zollinger. 3,193,353.
Petering, Wilbur H., to Dextrex Chemical Industries, Inc. Stabilization of trichlorethylene. 3,188,355, 6–8–65. Cl. 260—652.5.
Peterka, Albert C. Disposable brush and sanitary handle. 3,222,705, 12–14–65, Cl. 15—176.
Peterkin, Melvin E.: *See*—
Kurtz, Stewart S., Jr., and Peterkin. 3,216,926.
Peterli, Hans J., to J. R. Geigy A.-G. Polyamine stabilizers for oxidizable organic materials. 3,198,763, 8–3–65, Cl. 260—45.8.
Petermann, Johannes, to Olympia Werke A.G. Circuit network for electromagnetic transducer heads. 3,173,134, 3–9–65, Cl. 340—174.1.
Petermann, Lucien A., to Gulton Industries, Inc. Piezoelectric transducer. 3,168,623, 2–2–65, Cl. 179—100.4.
Peterpaul, Joseph: *See*—
Kobler, Richard, Smith, Whitlock, and Peterpaul. 3,174,-233.
Peters, Albert: *See*—
Steenken, Gerhard, Peters, and Pochert. 3,203,819.

Peters, Alexander, Jr. Apparatus for separating immiscible fluid phases. 3,198,337, 8–3–65, Cl. 210—533.
Peters, Allan: *See*—
Dennison, Denny. 3,185,478.
Peters, Allen: *See*—
Lovell, Homer C., and Peters. 3,171,430.
Peters, Arthur C., to United-Carr Inc. Filler neck and closure. 3,211,320, 10–12–65, Cl. 220—40.
Peters, Beldon A., E. Rich, and L. A. Carlton, to Jersey Production Research Co. Subsurface flowmeter. 3,176,304, 3–30–65, Cl. 346—33.
Peters, Byron M. Lawn edger. 3,168,147, 2–2–65, Cl. 172—15.
Peters, Charles J., to Sylvania Electric Products Inc. Rapid response tape transport. 3,197,105, 7–27–65, Cl. 226—176.
Peters, Charles J., to Sylvania Electric Products Inc. Method of making a magnetic recording head structure. 3,224,074, 12–21–65, Cl. 29—155.5.
Peters, Christian J. A., to E. I. du Pont de Nemours and Co. Coating compositions containing an amine and a metallic drier. 3,196,118, 7–20–65, Cl. 260—22.
Peters, Gerald L. Remote control article handling tool. 3,219,376, 11–23–65, Cl. 294—16.
Peters, Gordon A.: *See*—
Williams, Stanley J., Krueger, and Peters. 3,210,653.
Peters, Elwyn H., to Curtiss-Wright Corp. Precision potentiometer. 3,187,288, 6–1–65, Cl. 338—174.
Peters, Eugene G.: *See* —
Muscante, Anthony J., and Peters. 3,194,918.
Peters, Freimut, to Varta Aktiengesellschaft. Permanently sealed storage battery. 3,174,878, 3–23–65, Cl. 136—6.
Peters, Grace A., and F. C. Schaefer, to American Cyanamid Co. 2,4,6-trisubstituted-s-triazines and process for preparing same. 3,169,963, 2–16–65, Cl. 260—248.
Peters, George T.: *See*—
Arnoldi, Walter E., De Roze, Jennings, and Peters. 3,221,477.
Peters, Harry L., to Weston Instruments, Inc. Comparator mechanism. 3,176,205, 3–30–65, Cl. 318—28.
Peters, Henry J., to Bell Telephone Laboratories, Inc. Nonslip base structure. 3180,946, 4–27–65, Cl. 179—147.
Peters, Harold P.: *See*—
Beckett, Leo G., and Peters. 3,212,835.
Peters, Irving H.: *See*—
Wicker, Dan B., and Peters. 3,214,330.
Peters, James G. Check book system. 3,172,688, 3–9–65, Cl. 283—58.
Peters, Johannes, to Bolkow-Entwicklungen Kommanditgesellschaft. Automatically positioned sun mask for sighting devices. 3,198,953, 8–3–65, Cl. 250—237.
Peters, John. Safety wheel. 3,208,798, 9–28–65, Cl. 301—38.
Peters, John, Jr. Safety container for toxic materials. 3,185,534, 5–25–65, Cl. 312—209.
Peters, Josef. Tubular oil-heating furnace for vehicles not running on rails. 3,186,399, 6–1–65, Cl. 126—94.
Peters, Joseph. Drum operating mechanism. 3,195,391, 7–20–65, Cl. 84—422.
Peters, Leo. Patty package in combination with serving means. 3,183,101, 5–11–65, Cl. 99—171.
Peters, Louis H., H. S. Cloyd, R. W. Welch, and R. T. Mangold, to Union Carbide Corp. Molding process. 3,176,057, 3–30–65, Cl. 264—266.
Peters, Lowell E. Receptacle for window sash pivot lock. 3,184,784, 5–25–65, Cl. 16—171.
Peters Machinery Co.: *See*—
Talbot, Richard C., and Rieg. 3,207,288.
Talbot, Richard C., and Rieg. 3,224,551.
Peters Metal Fabricating Co.: *See*—
Peters, Raymond S. 3,200,775.
Peters, Philip H., and D. A. Wilbur, to General Electric Co. Tunable magnetron apparatus. 3,201,712, 8–17–65, Cl. 331—90.
Peters, Philip H., Jr., to General Electric Co. Reactive metal diffusion pump. 3,214,245, 10–26–65, Cl. 23—252.
Peters, Ralph: *See*—
Burleigh, Richard J., and Peters. 3,213,379.
Peters, Ray J., and P. J. Campbell. Surveyor's clamp. 3,216,116, 11–9–65, Cl. 33—137.
Peters, Raymond S., to Peters Metal Fabricating Co. Knockdown shelving unit. 3,200,775, 8–17–65, Cl. 108—108.
Peters, René: *See*—
Julius, Anatole, Peters, and De Lichtenberg. 3,215,650.
Peters, Robert L., to General Precision, Inc. Averaging pulse synchronizing apparatus. 3,218,560, 11–16–65, Cl. 328—39.
Peters & Russell, Inc.: *See*—
Russell, Linus E. 3,183,875.
Peters, Stanley P. Toy crank propelled truck. 3,209,490, 10–5–65, Cl. 46—210.
Peters, Theodore F., to General Motors Corp. Remote control mirror. 3,170,332, 2–23–65, Cl. 74—54.
Peters, Theodore F., to General Motors Corp. Latch actuating means. 3,200,623, 8–17–65, Cl. 70—279.
Peters, Theodore F., to General Motors Corp. Retractable seat belt. 3,219,387, 11–23–65, Cl. 297—388.
Peters, Timothy V., Jr.: *See*—
Schneider, A. David, and Peters. 3,180,854.
Peters, Timothy V., Jr., to E. I. du Pont de Nemours and Co. Polyurethane prepolymer chain-extended with an N-lower alkyl amino-bis-lower alkyl amine. 3,180,853, 4–27–65, Cl. 260—77.5.
Peters, William F. Collapsible ice fishing shelter. 3,173,436, 3–16–65, Cl. 135—5.
Petersen, Alfred A.: *See*—
Williams, Stewart, Petersen, and Pegg. 3,219,324.
Petersen, Anita E.: *See*—
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Goode, Robert W. 3,211,394.
Servis, James F. 3,202,450.
Troeppl, William M. 3,225,467.
Troeppl, William M., and Petersen. 3,190,379.
Petersen, Arnold C.: *See*—
Baudhuin, George J., and Petersen. 3,176,853.
Petersen, Berthus, to Instrument Fabriek en-Handel voorheen P. J. Kipp & Zonen, N.V. Device for converting an analogue datum into a digital datum. 3,218,632, 11–16–65, Cl. 340—347.
Petersen, Carl E. Scaffold. 3,207,261, 9–21–65, Cl. 182—129.
Peterson, Charles N., to Ex-Cell-O Corp. Electromagnetic transducer head actuators. 3,218,873, 11–23–65, Cl. 74—99.
Petersen, Christian, W. L. Becker, and E. A. Allemeier, to Petersen Mfg. Co., Inc. Chain clamps. 3,192,804, 7–6–65, Cl. 81—66.
Petersen, Earl J., to United States of America, Army. Pulse-generating counter with successive stages comprising blocking oscillator and "AND" gate forming closed and open loops. 3,184,612. 5–18–65, Cl. 307—88.5.
Petersen, Earl J., to United States of America, Army. Synthetic video generator. 3,188,628, 6–8–65, Cl. 343—5.
Petersen, Egon N.: *See*—
Konig, Josef, and Petersen. 3,165,424.
Petersen, Erich: *See*—
Schrodt, Rudolf, and Petersen. 3,200,666.
Petersen, Georg V., to Fisker & Nielsen, Aktieselskabet. Suction unit, particularly for cleaning apparatus. 3,220,638, 11–30–65, Cl. 230—117.
Petersen, Gerald A.: *See*—
Bennetti, John G. 3,225,468.
Goode, Robert W. 3,211,394.
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Troeppl, William M., and Petersen. 3,190,379.
Troeppl, William M. 3,225,467.
Petersen, Gerd: *See*—
Ziegler, Albert, and Petersen. 3,168,445.
Petersen, Gilbert J., to General Motors Corp. Quick connecting means for shafts. 3,211,485, 10–12–65, Cl. 287—126.
Petersen, Harold E.: *See*—
McDermid, William L., Petersen, and Shelton. 3,167,743.
Smith, William V., and Petersen. 3,215,819.
Petersen, Harold E., W. L. McDermid, and J. R. Kiseda, to International Business Machines Corp. Memory system. 3,221,308, 11–30–65, Cl. 340—172.5.
Petersen, Harro: *See*—
Brandeis, Hans, Petersen, and Fikentscher. 3,190,741.
Brandeis, Hans, Petersen, and Fikentscher. 3,190,742.
Petersen, James M.: *See*—
Reed, David D., Petersen, and Kluge. 3,164,624.
Reed, David D., Petersen, and Kluge. 3,201,440.
Petersen, James M., D. D. Reed, and H. D. Kluge, deceased (H. E. Kluge, administratrix), to Texaco Inc. Dialkyl hydrocarbonthiophosphonoxyalkoxyhydroxyhexahydrophthalates and process for making same. 3,201,439, 8–17–65, Cl. 260—461.
Petersen, James M., H. D. Kluge, deceased (H. E. Kluge, administratrix), and D. D. Reed, to Texaco Inc. Mono-(and bis-)hydrocarbonthiophosphonoxyhydroxyalkyl hydrocarbylamines. 3,201,441, 8–17–65, Cl. 260—461.
Petersen, James M., D. D. Reed, and H. D. Kluge, deceased (by H. E. Kluge, administratrix), to Texaco Inc. Hydrocarbonthiophosphonoxydihydroxyalkoxyalkyl hydrocarbylamine. 3,213,123, 10–19–65, Cl. 260—461.
Petersen, John F., to Honeywell Inc. Control apparatus. 3,225,222, 12–21–65, Cl. 307—101.
Petersen, Karl-Heinz: *See*—
Frobeen, Heinz, and Petersen. 3,205,838.
Petersen, Kenneth M., to Rexall Drug and Chemical Co. Metering valve for fluids under pressure. 3,190,508, 6–22–65, Cl. 222—394.
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Petersen, Christian, Becker, and Allemeier. 3,192,804.
Petersen, Marvin E., to Honeywell Inc. High speed turnoff gate driven by a bistable multivibrator. 3,204,128, 8–31–65, Cl. 307—88.5.
Petersen, Niel R.: *See*—
Meline, Harry R., and Petersen. 3,202,372.
Petersen, Ove E.: *See*—
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Petersen, Paul I.: *See*—
Woolfenden, Brian K., and Petersen. 3,206,106.
Petersen, Raymond C.: *See*—
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Ross, Sidney D., Petersen, and Finkelstein. 3,214,650.
Petersen, Robert E. A., and W. J. Frey, to E. I. du Pont de Nemours and Co. Process for isolating chloroprene polymers from aqueous dispersions thereof. 3,207,828, 9–21–65, Cl. 264—175.
Petersen, Siegfried: *See*—
Muller, Erwin, Bayer, and Petersen. 3,184,502.
Petersen, Thorvald K., to Douglas Aircraft Co., Inc. Pneumatic support. 3,191,706, 6–29–65, Cl. 180—7.

Petersen, Thorvald K., and P. L. Smith, to Douglas Aircraft Co., Inc. Air operated cargo loading system. 3,209,929, 10–5–65, Cl. 214—83.28.
Petersen, Warren E.: *See*—
Kirchmeyer, Richard C., and Petersen. 3,195,832.
Petersik, Peter, to C. Freudenberg. Needling apparatus. 3,199,166, 8–10–65, Cl. 28—4.
Peterson, Adolphe C. Air and fuel charging means for four-cycle engines of mono-valve type. 3,183,661, 5–18–65, Cl. 60—13.
Peterson, Adolphe C. Automotive propulsion system for vehicles. 3,1911,707, 6–29–65, Cl. 180—7.
Peterson, Adolphe C. Alternative sustentation system for aircraft. 3,223,355, 12–14–65, Cl. 244—12.
Peterson, Allen R., to Welduction Corp. Crystal diode heat dissipating mounting. 3,204,157, 8–31–65, Cl. 317—234.
Peterson, Anders A.: *See*—
Parsons, Hubert J., Kolmer, Peterson, and Connors. 3,165,769.
Parsons, Hubert J., and Peterson. 3,221,578.
Peterson, Arnold E. Auxiliary seat for child. 3,170,727, 2–23–65, Cl. 297—253.
Peterson, Arthur W. Paperboard carton. 3,184,140, 5–18–65, Cl. 229—23.
Peterson, Axel H. Vibrator. 3,177,953, 4–13–65, Cl. 173—12.
Peterson, Axel H. Vibrator or like apparatus operating on elastic fluid. 3,216,328, 11–9–65, Cl. 91—52.
Peterson, Axel H. Force-applying apparatus. 3,216,329, 11–9–65, Cl. 91—52.
Peterson, Bulow A.: *See*—
Malmrose, John P., and Peterson. 3,196,497.
Peterson, Charles A.: *See*—
Meng, Eberhard W., and Peterson. 3,171,945.
Peterson, Charles L.: *See*—
Pine, Robert M., and Peterson. 3,185,007.
Peterson, Chester H. Adjustable pipe nipple. 3,188,120, 6–8–65, Cl. 285—175.
Peterson, Dana. Culinary scraper. 3,178,747, 4–20–65, Cl. 15—236.
Peterson, Dana. Open-end wrench with magnetized moveable tongue. 3,215,009, 11–2–65, Cl. 81—125.
Peterson, Dean M., to Eastman Kodak Co. Cover plate assembly. 3,205,800, 9–14–65, Cl. 95—11.000.
Peterson, Dean M., to Eastman Kodak Co. Camera for flash photography. 3,205,801, 9–14–65, Cl. 95—11.5.
Peterson, Dean M., and C. W. Michatek, to Eastman Kodak Co. Lamp socket for photoflash units. 3,173,615, 3–16–65, Cl. 240—1.3.
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Peterson, Edward C., and W. H. Boblitz, to Birdsboro Corp. Mill layout. 3,187,541, 6–8–65, Cl. 72—230.
Peterson, Edwin F. Air cooled vibrator. 3,177,731, 4–13–65, Cl. 74—87.
Peterson, Edwin F. Resilient wear resistant blow tube. 3,180,365, 4–27–65, Cl. 138—134.
Peterson, Edwin F. Shaker apparatus. 3,185,323, 5–25–65, Cl. 214—83.3.
Peterson, Edwin F. Method of making a sand retaining blow tube. 3,200,479, 8–17–65, Cl. 260—635.
Peterson Electronic Die Co., Inc.: *See*—
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Peterson, Elvin D., and R. P. Valenti, to Motorola, Inc. Time interval measuring system employing vernier digital means and coarse count ambiguity resolver. 3,218,553, 11–16–65, Cl. 324—68.
Peterson, Eric R. Support means for a plurality of horizontal bars. 3,204,904, 9–7–65, Cl. 248—125.
Peterson, Eric R. Multiple sheet handling device. 3,206,042, 9–14–65, Cl. 214—8.5.
Peterson, Everett A. and H. W., to Peterson Electronic Die Co., Inc. Casings for books. 3,190,678, 6–22–65, Cl. 281—29.
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Peterson, Fred D., to Peterson Products of San Mateo, Inc. Dispensing head for foam system. 3,222,134, 12–7–65, Cl. 23—252.
Peterson, Frederick J., to General Motors Corp. Accelerometer. 3,167,965, 2–2–65, Cl. 73—492.
Peterson, Frederick R. Internal combustion engine. 3,190,270, 6–22–65, Cl. 123—18.
Peterson, Gayle O. Inflatable signal balloon. 3,174,455, 3–23–65, Cl. 116—124.
Peterson, Harold C., to Carlson Tool & Machine Co. Bristle branching blade. 3,191,478, 6–29–65, Cl. 83—663.
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Peterson, Harry L. Fluid presure actuating system for use in power steering of outboard motors and the like. 3,180,096, 4–27–65, Cl. 60—62.
Peterson, Henry J., to Sun Oil Co. Preparation of fluorene derivatives. 3,209,041, 9–28–65, Cl. 260—668.
Peterson, Herbert T., to Weyerhaeuser Co. Sewer sampling system. 3,200,649, 8–17–65, Cl. 73—422.
Peterson, Herbert T., to Weyerhaeuser Co. Dilution zone density detector. 3,221,538, 12–7–65, Cl. 73—32.
Peterson, Howard B., to American Can Co. Conveyor. 3,182,998, 5–11–65, Cl. 271—74.
Peterson, Jack A., and J. L. Deibel, to Magnaflux Corp. Rapid transverse unloading mechanism. 3,200,966, 8–17–65, Cl. 214—1.
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Peterson, Max R. Manual carrier truck. 3,170,705, 2–23–65, Cl. 280—43.1.
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Peterson, Merle H., to Massey-Ferguson Inc. Die cell construction for hay wafering apparatus. 3,183,859, 5–18–65, Cl. 107—14.
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Peterson, Philip A., and N. M. Reitzel, to Rice Barton Corp. Coating machinery. 3,187,716, 6–8–65, Cl. 118—63.
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Peterson, Richard H. Electronic musical instrument. 3,197,541, 7–27–65, Cl. 84—1.14.
Peterson, Richard H., and W. H. Hass. Electronic musical instruments with twin detuning circuits to maintain consant vibrato. 3,197,544, 7–27–65, Cl. 84—1.25.
Peterson, Robert A., to Caterpillar Tractor Co. Adjustable cable hopper door actuating mechanism. 3,185,528, 5–25–65, Cl. 298—35.
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Peterson, Ronald P., to Radio Corp. of America. Dampened suspension systems for sterophonic phonograph pickups. 3,226,124, 12–28–65, Cl. 274—24.
Peterson, Ronald T. Control mechanism. 3,222,949, 12–14–65, Cl. 74—471.
Peterson, Roswald M.; 50% to K. M. Peterson. Micrometer workpiece guide means for die presses. 3,188,078, 6–8–65, Cl. 269—305.
Peterson, Ruben V. Internal combustion engine. 3,181,516, 5–4–65, Cl. 123—41.82.
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Peterson, Seymour, to Storm Industries, Inc. Egg collection system. 3,166,046, 1–19–65, Cl. 119—48.
Peterson, Seymour, to Storm Industries, Inc. Egg tray. 3,167,174, 1–26–65, Cl. 198—131.

Peterson, Seymour, to Storm Industries, Inc. Power transmission mechanism. 3,170,563, 2–23–65, Cl. 198—137.
Peterson, Soren E. Apparatus for producing seed potato cuttings. 3,195,596, 7–20–65, Cl. 146—162.
Peterson, Soren E. Machine for cutting potatoes into potato seed. 3,195,597, 7–20–65, Cl. 146—164.
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Peterson, Thomas F., deceased, by J. D. Drinko and Central National Bank of Cleveland, co-executors. Preformed helical appliance for linear bodies. 3,183,658, 5–18–65, Cl. 57—145.
Peterson, Thomas F. Carpet underlay. 3,196,315, 7–20–65, Cl. 317—2.
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Peterson, William H., to Pullman Inc. Deck structure for cushioned railway car. 3,195,475, 7–20–65, Cl. 105—368.
Peterson, William H., to Pullman Inc. Railway car. 3,205,-835, 9–14–65, Cl. 105—368.
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Peterson, William H., to Pullman Inc. Cushioned sliding center sill construction. 3,223,051, 12–14–65, Cl. 105—454.
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Peterson, William H., and K. J. Austgen, to Pullman Inc. Dual sill shock absorber mounting. 3,208,599, 9–28–65, Cl. 213—40.
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Peticolas, Warner L., to E. I. du Pont de Nemours and Co. Blend of polyethylene and ethylene copolymers. 3,176,052, 3–30–65, Cl. 260—897.
Peticolas, Warner L., to E. I. du Pont de Nemours and Co. Manufacture of polyethylene film. 3,221,084, 11–30–65, Cl. 264—25.
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Petion, Louis J. Shoe polishing device. 3,178,757, 4–20–65, Cl. 15—534.
Petion, Louis J. Rolling contact measuring instrument with adjustable scale. 3,203,102, 8–31–65, Cl. 33—141.
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Pettigrew, William S., and W. D. Hill., to General Motors Corp. Precharging device for electrostatic painting apparatus. 3,219,013, 11–23–65, Cl. 118—627.
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Pike, Daniel E., to Chemical Construction Corp. Method of recovering off-gas and gas probe apparatus therefor. 3,186,831, 6–1–65, Cl. 75—60.

Pike, Edward W., and D. S. Little. Airborne glide slope director system. 3,165,745, 1–12–65, Cl. 343—108.

Pike, Howard: *See*—
Short, Joe T., Gaulding, and Pike. 3,220,371.

Pike, John E.: *See*—
Beal, Philip F. III, and Pike. 3,189,604.
Beal, Philip F., III, and Pike. 3,216,998.

Pike, John E., P. F. Wiley, and L. Slechta, to The Upjohn Co. Derivatives of 7-d-ribo-furanosyl-pyrrolopyrimidines. 3,167,540, 1–26–65, Cl. 260—211.5.

Pike, Ronald M., to Union Carbide Corp. Zeolite catalyzed condensation of hydroxyl and/or alkoxy containing silicon compositions. 3,169,942, 2,16–65, Cl. 260—46.5.

Pike, John E., to The Upjohn Co. 1′,4′-dihydroandrostano-[17-16-c]-pyridines and derivatives thereof. 3,178,409, 4–13–65, Cl. 260—239.5.

Pike, John E., to The Upjohn Co. Novel androstano-[16,17-1′,2′]benzenes. 3,178,459, 4–13–65, Cl. 260—397.4.

Pike, John E., to The Upjohn Co. Pregnane-17α-01-16α-acetaldehyde 16β,17-cyclic enol ethers and process for the production thereof. 3,201,392, 8–17–65, Cl. 260—239.55.

Pike, John E., to The Upjohn Co. 3-keto-5′6′-dihydro androstane-[17,16α-c]-pyrans and compounds produced therefrom. 3,201,393, 8–17–65, Cl. 260—239.55.

Pike, John E., to The Upjohn Co. Lactol derivatives of 16-(2-oxo ethyl)-17-hydroxy pregnane steroids. 3,201,394, 8–17–65, Cl. 260—239.55.

Pike, Lorren R. Convertible shoe. 3,199,232, 8–10–65, Cl. 36—2.5.

Pike, Rufus F., and W. W. Thompson, to Luminous Processes, Inc. Dotting device. 3,198,169, 8–3–65, Cl. 118—263.

Piker, Herbert M., to The Hamilton-Skotch Corp. Method of making an insulated container. 3,214,830, 11–2–65, Cl. 29—416.

Pikl, Otto G. Obstacle-climbing wheel chairs. 3,179,431, 4–20–65, Cl. 280—5.2.

Pilat, George J., to Velsicol Chemical Corp. Flask holder. 3,193,107, 7–6–65, Cl. 211—74.

Pilch, John S. Backhoe mounting. 3,220,487, 11–30–65, Cl. 172—274.

Pilch, John S. Bucket control for backhoe. 3,220,578, 11–30–65, Cl. 214—138.

Pilch, John S. Backhoe. 3,220,579, 11–30–65, Cl. 214—138.

Pilch, John S. Tractor mounted counterweight. 3,220,582, 11–30–65, Cl. 214—142.

Pilgrim, Arthur J.: *See*—
Chapman, David D., Christensen, Pilgrim, Stern, and Zommers. 3,197,309.

Pilgrim, Lawrence G., and D. J. Hamrock, to I-T-E Circuit Breaker Co. Multi-phase switch arrangement mounted on a single pole. 3,210,489, 10–5–65, Cl. 200—48.

Pilgrim, William S.: *See*—
Moore, William C., and Pilgrim. 3,209,138.
Moore, William C., and Pilgrim. 3,220,888.

Pilia, Frank J., and J. H. Brems, to Union Carbide Corp. Oscillator unit. 3,224,283, 12–21–65, Cl. 74—53.

Piliego, Mario, to Bofil S.r.l. Holder for cigars and cigarettes incorporating an ejector and filter. 3,181,538, 5–4–65, Cl. 131—182.

Pilkington Brothers Ltd.: *See*—
Baker, Henry W. 3,214,256.
Barradell-Smith, Richard, and Silverwood. 3,223,503.
Barradell-Smith, Richard, and Silverwood. 3,223,509.
Beattie, John R. 3,197,185.
Beattie, John R., and Wolfe. 3,226,215.
Burton, Carl D. S., and Reid. 3,188,216.
Forber, Albert, and Reid. 3,214,241.
Harper, Harold F., Lee, and Davies. 3,222,155.
Hopwood, Walter. 3,194,879.
Lightfoot, William A. 3,186,811.
Oxley, George H., and Littler. 3,226,216.
Oxley, George H., and Littler. 3,226,217.
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Pilkington, Lionel A. B. 3,215,516.
Pilkington, Lionel A. B. 3,220,816.
Pilkington, Lionel A. B. 3,222,154.
Pilkington, Lionel A. B., and Bickerstaff. 3,206,292.
Wilcock, John E. 3,185,558.
Wilcock, John E. 3,185,560.

Pilkington, Frank L. Liquid spreading device. 3,208,094, 9–28–65, Cl. 15—546.

Pilkington, Lionel A. B., and K. Bickerstaff, to Pilkington Bros. Ltd. Method and apparatus for the manufacture of flat glass. 3,206,292, 9–14–65, Cl. 65—65.

Pilkington, Lionel A. B., to Pilkington Brothers Ltd. Manufacture of flat glass. 3,215,516, 11–2–65, Cl. 65—93.

Pilkington, Lionel A. B., to Pilkington Bros. Ltd. Manufacture of flat glass. 3,220,816, 11–30–65, Cl. 65—99.

Pilkington, Lionel A. B., to Pilkington Brothers Ltd. Manufacture of flat glass. 3,222,154, 12–7–65, Cl. 65—91.

Pilkinton, Donald C., to Bell Telephone Laboratories, Inc. Trunk make busy circuit. 3,178,518, 4–13–65, Cl. 179—42.

Pilkinton, Donald C., to Bell Telephone Laboratories, Inc. Signaling circuit. 3,223,786, 12–14–65, Cl. 179—18.

Piller, Friedolin. Apparatus for displaying stackable articles. 3,165,846, 1–19–65, Cl. 40—104.

Piller, Horst, to C. Zeiss. Device for adjusting beamsplitter of interference microscope. 3,182,551, 5–11–65, Cl. 88—39.

Pilliod Cabinet Co., The: *See*—
Pilliod, George L., and Ernst. 3,176,353.

Pilliod, George L., and H. E. Ernst, to The Pilliod Cabinet Co. Table top construction. 3,176,353, 4–6–65, Cl. 20—15.

Pillmore, Charles L., and R. H. Morris, to United States of America, Interior. Universal tracing table. 3,164,905, 1–12–65, Cl. 33—1.

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Whitlock, Robert A., and Pillote. 3,183,933.

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Cole, Morton S. 3,219,464.
Davis, Charles L. 3,222,190.
Easter, Ross A., and Davis. 3,164,251.
Forkner, John H. 3,221,675.
Fritzberg, Edward L. 3,212,461.
Gidlow, Rolf G. 3,220,054.
Halleck, Frank E. 3,214,866.
Kosa, Tibor, and Agasie. 3,221,560.
Leezer, James R. 3,214,078.
Perrozzi, Joseph R. 3,222,189.
Rozsa, Tibor A., Gracza, Manning, and Harrel. 3,222,-183.
Schultz, Robert S., and Easter. 3,191,809.
Turpin, Charles H. 3,215,335.
Turpin, Charles H. 3,215,336.
Weiss, Robert M., Sinner, and Bloch. 3,222,184.
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Zoeller, Richard J., and Hunter. 3,221,975.

Piloni, Robert A., and G. P. Rowland, Jr., to The Firestone Tire & Rubber Co. Polymer composed of vinylchloride, a diester and a monoethylenically unsaturated dicarboxylic acid and an ester of acrylic or methacrylic acids. 3,196,-133, 7–20–65, Cl. 260—78.5.

Pilot Inc.: *See*—
Hellenga, Ernest G. 3,170,717.

Pilot Radio Corp.: *See*—
Shottenfeld, Richard, and Abilock. 3,175,041.

Pilz, Werner, O. Schweckendiek, O. Armbruster, and H. Garbe, to Farbenfabriken Bayer Aktiengesellschaft. Process for cultivating foot and mouth disease virus on adult pig skin epithelium. 3,196,077, 7–20–65, Cl. 167—78.

Pilz, Werner, D. Hummel, and G. Steidle, to Kienzle Apparate G.m.b.H. Clearing arrangement for dispensing and metering apparatus. 3,197,065, 7–27–65, Cl. 222—33.

Pimenov, Alexei I.: *See*—
Garkin, Nikolai N., Pimenov, and Sharovsky. 3,217,560.

Pimentel, Frank A. Multipurpose cosmetic case. 3,171,416, 3–2–65, Cl. 132—79.

Pinamonti, Franco, and S. Maccone, to Montecatini Societa Generale per l'Industria Mineraria e Chimica. Pesticidal liquid formulations stable at low temperatures. 3,197,362, 7–27–65, Cl. 167—22.

Pinard, Clarence F. Cigarette holder and dispenser. 3,189,-216, 6–15–65, Cl. 221—24.

Pinard, Roger P. J., to Societe de Meccnographie Japy, Digital printing system. 3,202,350, 8–24–65, Cl. 235—59.
Pinaud, Jean G., to Compagnie des Ateliers et Forges de La Loire, Apparatus for handling sheets. 3,219,216, 11–23–65, Cl. 214—152.
Pinches, Elwyn, to Richard Thomas & Baldwins Ltd. Production of steel. 3,207,596, 9–21–65, Cl. 75—11.
Pinckaers, Balthasar H., to Honeywell Inc. Motor control apparatus employing a balanceable switching device. 3,165,681, 1–12–65, Cl. 318—29.
Pincon, Arthur J. J. B., and R. M. J. Bugeon, to Societe Salviam. Pavements and method of making the same. 3,171,335, 3–2–65, Cl. 94—3.
Pincus, Martin S. Electronic apparatus useful in simulated gunfire and simulated rifle ranges. 3,220,732, 11–30–65, Cl. 273—101.1.
Pincus, Ralph M., to General Precision, Inc. Signal amplitude discriminator. 3,192,481, 6–29–65, Cl. 328—151.
Pincus, Seymour, to Rustrak Instrument Co., Inc. Adjustment of recording devices. 3,170,754, 2–23–65, Cl. 346—25.
Pincus, Seymour, and E. G. Krakauer, to Kay Mfg. Corp. Making foamed articles. 3,187,069, 6–1–65, Cl. 264—45.
Pinder, Brian J.: *See*—
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Pinder, Raymond G., to Eastman Kodak Co. Protective colloidal silica lacquer for developed photographic prints. 3,190,197, 6–22–65, Cl. 95—1.
Pine, Gilbert H. Aerial projectile game apparatus. 3,178,183, 4–13–65, Cl. 273—95.
Pine, Orie E.: *See*—
Manetti, Fred P., and Pine. 3,176,200.
Pine, Robert M.: *See*—
Meter, Raymond S., and Pine. 3,185,009.
Pine, Robert M., and C. L. Peterson, to Uarco Inc. Paper control for business machines. 3,185,007, 5–25–65, Cl. 83—163.
Pine State Knitwear Co., Inc.: *See*—
Loflen, Howard L. 3,163,912.
Loflen, Howard L. 3,166,261.
Pinero, Emilio P. Three dimensional reticular structure. 3,185,164, 5–25–65, Cl. 135—4.
Pines, Arthur N., to Union Carbide Corp. Wear- and stain-resistant coated articles. 3,220,878, 11–30–65, Cl. 117—123.
Pines, Arthur N., and E. A. Zientek, to Union Carbide Corp. Silicone-silicate polymers. 3,198,820, 8–3–65, Cl. 260—448.2.
Pines, Arthur N., and E. A. Zientek, to Union Carbide Corp. Amino silicone-silicate polymers. 3,203,969, 8–31–65, Cl. 260—448.2.
Pines Engineering Co., Inc.: *See*—
Beckwell, George F. 3,218,838.
Everett, Buford R. 3,207,401.
Everett, Buford R. 3,218,899.
Moore, Carl N. 3,197,008.
Unterbrink, Victor and L. 3,170,271.
Pines, Robert M.: *See*—
Dexter, Martin, Hayes, and Pines. 3,205,193.
Pingry, Carl O., III, to International Business Machines Corp. Magnetic information recording and reproduction without precise synchronization requirements. 3,192,515, 6–29–65, Cl. 340—174.1.
Pingry, Carl O., III, to International Business Machines Corp. Record positioning apparatus. 3,209,340, 9–28–65, Cl. 340—174.1.
Pingry, Carl O., III, and G. W. Hobgood, to International Business Machines Corp. Frequency discriminating circuit. 3,202,834, 8–24–65, Cl. 307—88.5.
Pink, Andrew E., now by change of name to, A. E. Pierce, to The Borden Co. Polyvinyl acetate and polyvinyl alcohol adhesives. 3,213,051, 10–19–65, Cl. 260—29.6.
Pinkalla, Hamilton A., G. L. Neuser, L. R. Cook, and R. F. Korfhage, to W. R. Grace & Co. Emulsions for food use. 3,223,532, 12–14–65, Cl. 99—123.
Pinkard, Jerry L., to Rector Well Equipment Co., Inc. Metallic seal assembly. 3,166,345, 1–19–65, Cl. 285—332.3.
Pinkerton, Harry: *See*—
Brogden, Michael E., Milnes, and Pinkerton. 3,221,064.
Pinkerton, Harry E. Positive displacement piston pump. 3,168,872, 2–9–65, Cl. 103—157.
Pinkerton, Richard C., to Ethyl Corp. Preparation of complex metal alkylboron compounds. 3,187,014, 6–1–65, Cl. 260—346.1.
Pinkertons Inc.: *See*—
Bojko, George. 3,210,752.
Pinkham, Jesse R., to American Machine & Foundry Co. Cigarette making machine. 3,196,880, 7–27–65, Cl. 131—84.
Pinnell, Verdie E., to Shaffer Tool Works. Flow bean. 3,187,775, 6–8–65, Cl. 137—625.3.
Pinney, William J., to United States of America, Navy. Sonar system. 3,212,053, 10–12–65, Cl. 340—3.
Pino, Charles A. Bicycle brake switch. 3,188,418, 6–8–65, Cl. 200—61.12.
Pino, Piero: *See*—
Natta, Giulio, Pino, and Lorenzi. 3,193,544.
Natta, Giulio, Pino, and Mazzanti. 3,197,452.
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Angilello, Joseph, Magaletto, and Pinori. 3,225,387.
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Bishop, Frederic L., and Pinotti. 3,216,808.
Pinsenschaum, Edwin C., to American Brake Shoe Co. Hydraulic press. 3,176,466, 4–6–65, Cl. 60—51.
Pinsenschaum, Edwin C., to American Brake Shoe Co. Hydraulic press. 3,191,502, 6–29–65, Cl. 91—40.
Pinson, Ellis R., Jr., to Chas. Pfizer & Co., Inc. 6-fluoro-16β-methyl corticosteroids. 3,207,751, 9–21–65, Cl. 260—239.55.
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Ahlich, Harold G., Rady, and Pinson. 3,205,533.
Pintarelli, Ralph. Pierced earring. 3,208,239, 9–28–65, Cl. 63—12.
Pintell, Robert H., to Intron International, Inc. Controlled current source. 3,175,160, 3–23–65, Cl. 328—167.
Pintell, Robert H., to Intron International, Inc. Electromagnetic system. 3,178,625, 4–13–65, Cl. 318—138.
Pintell, Robert H., to Intron International, Inc. Voltage or current regulator. 3,183,432, 5–11–65, Cl. 323—66.
Pintell, Robert H., to Intron International, Inc. Controllable alternating-current converter. 3,207,931, 9–21–65, Cl. 307—106.
Pintell, Robert H., to Intron International, Inc. Circuit employing electronic or semiconductor switch regulating an output voltage. 3,207,975, 9–21–65, Cl. 323—22.
Pintell, Robert H., to Intron International, Inc. Alternating-current source. 3,209,231, 9–28–65, Cl. 321—36.
Pintell, Robert H., to Intron International, Inc. Stable high frequency amplifier. 3,217,266, 11–9–65, Cl. 330—77.
Pintell, Robert H., to Intron International, Inc. Induced-quadrature field synchronous motor. 3,226,584, 12–28–65, Cl. 310—162.
Pinter, Ann V.: *See*—
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Deanin, Rudolph D., and Pinter. 3,203,926.
Pinter, George S. Concrete structure and process for making same. 3,216,157, 11–9–65, Cl. 52—122.
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Kehse, Wolfgang. 3,172,922.
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Kramer, Helmut. 3,201,108.
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Riemenschneider, Wilhelm, Pintschovius, and Probst. 3,221,049.
Riemenschneider, Wilhelm, Pintschovius, and Probst. 3,226,337.
Pioch, Richard P., to Eli Lilly and Co. Derivatives of cyclopropanecarboxamide. 3,184,509, 5–18–65, Cl. 260—558.
Pioneer Kabushiki Kaisha: *See*—
Okatani, Masanao. 3,211,834.
Pioneer Mfg. Co.: *See*—
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Pioneer Products, Inc.: *See*—
Chapman, Fred M., and Sweeney. 3,179,104.
Pioneer Trust & Savings Bank: *See*—
Kostur, J Edward. 3,192,800.
Kostur, J Edward. 3,193,881.
Piorunneck, Heinz: *See*—
Greco, Peter F., and Piorunneck. 3,176,261.
Piot, Andre J.: *See*—
Gianelli, Lucien. 3,172,438.
Piot, Marius, to Ateliers Diedericks. Pneumatic control for the main reciprocatory movements of a loom. 3,191,633, 6–29–65, Cl. 139—11.
Piotrowski, Edward C., to Ex-Cell-O Corp. Ellipse generating turning machine. 3,194,092, 7–13–65, Cl. 82—14.
Piovesan, Arnaldo. Electromechanical device for recording and reproducing telephone messages received in the absence of the subscriber. 3,168,620, 2–2–65, Cl. 179—6.
Pipe, John, to Steelcase, Inc. Identification card holding means for tray or drawer. 3,187,453, 6–8–65, Cl. 40—325.
Pipe Linings, Inc.: *See*—
Matheny, Francis M. 3,167,837.
Matheny, Francis M. 3,196,802.
Pipe Machinery Co., The: *See*—
Appleby, Donald O. 3,176,331.
Herbkersman, Earle C. 3,165,768.
Herbkersman, Earle C. 3,224,535.
Jennings, Edward E. 3,176,330.
Scott James A., and Appleby. 3,177,508.
Scott, James A., and Satava. 3,193,939.
Theuerkauf, Fred, and Satava. 3,184,856.
Piper, Davis, and J. M. Babb, to FMC Corp. Automatic livestock feeder. 3,211,339, 10–12–65, Cl. 222—76.
Piper, Jack R., to International Telephone and Telegraph Corp. Tank-loading and de-aeration of viscous materials. 3,196,597, 7–27–65, Cl. 55—194.
Piper, Kenneth H., to Whitin Machine Works. Anti-ballooning device. 3,172,248, 3–9–65, Cl. 57—73.
Pipersky, Emil: *See*—
Pipersky, Paul, and E. 3,195,774.
Pipersky, Paul, and E. Device for monitoring the volume of liquid dispensed through a valve. 3,195,774, 7–20–65, Cl. 222—26.
Pipes, George R., to Eaton Mfg. Co. Multiple part fastener assembly machine. 3,212,114, 10–19–65, Cl. 10—155.

Pipes, George R., to Eaton Mfg. Co. Nut and insert assembly machine. 3,225,370, 12–28–65, Cl. 10—155.

Pippin, Reginald F., Jr., and F. E. Rowe, Jr., to Deering Milliken Research Corp. Textile drafting apparatus. 3,178,774, 4–20–65, Cl. 19—245.

Pira, Olof, to String Design AB. Shelf structure. 3,190,243, 6–22–65, Cl. 108—152.

Pirelli General Cable Works Ltd.: *See*—
Ball, Edmund H. 3,187,080.
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Pirelli S.p.A.: *See*—
Angioletti, Attilio. 3,181,531.
Barassi, Carlo, and Cappa. 3,224,482.
Boschi, Antonio. 3,195,712.
Boschi, Antonio. 3,222,729.
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Earl, Paul. 3,217,786.
Lugli, Giuseppe. 3,224,481.
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Priaroggia, Paolo G. 3,223,773.
Vanzo, Marcello. 3,191,229.
Vanzo, Marcello. 3,212,947.
Vanzo, Marcello, and Colombo. 3,207,019.

Piret, Jean, to Societe Anonyme Simca Automobiles. Hydraulic anti-shock device. 3,225,541, 12–28–65, Cl. 60—52.

Pirincin, Joseph. Heating apparatus. 3,190,280, 6–22–65, Cl. 126—116.

Pirko, Phyllis R. Game board with playing cards and dice. 3,170,695, 2–23–65, Cl. 273—134.

Pirlot, Edmond A., to American-Saint Gobain Corp. Apparatus for supporting glass sheets. 3,184,070, 5–18–65, Cl. 211—41.

Pirman, Anton E.: *See*—
Jones, Alvin J., and Pirman. 3,180,076.

Piros, John J., to Sinclair Research, Inc. Vapor pressure measuring apparatus. 3,191,428, 6–29–65, Cl. 73—53.

Pirotte, Eugene, to UCB (Union Chimique-Chemische Bedrijven), S.A. Pickling inhibiting compositions. 3,188,292, 6–8–65, Cl. 252—149.

Pirsh, Edward A.: *See*—
Boll, Richard H., and Pirsh. 3,185,457.

Pirson, Ewald: *See*—
Nitzsche, Siegfried, and Pirson. 3,187,033.

Pisano, Frank T., to United States of America, Army. Aircraft canopy actuator. 3,190,588, 6–2–65, Cl. 244—121.

Pisano, Michael A., and W. S. Oleniacz. Process of producing fibrinolytic material from cephalosporium. 3,207,674, 9–21–65, Cl. 195—66.

Pischel, Hans, and F.-J. Zilges, to Schloemann Aktiengesellschaft. Press for extruding easily oxidising metal billets. 3,216,233, 11–9–65, Cl. 72—270.

Pischinger, Franz: *See*—
Busch, Siegfried, Hatschek, and Pischinger. 3,168,646.
Busch, Siegfried, Hatschek, and Pischinger. 3,220,720.

Piscitello, Robert A., and A. Petit, to General Dynamics Corp. Multiple wire control cable connector. 3,184,703, 5–18–65, Cl. 339—88.

Pisk, Frank F. Gun-mounted water fowl retrievers. 3,208,175, 9–28–65, Cl. 42—1.

Pistey, John M., to General Electric Co. Panel type illumination device and connector therefor. 3,198,943, 8–3–65, Cl. 240—51.11.

Pistoles, Lambert R. Dial indicator. 3,216,118, 11–9–65, Cl. 33—172.

Pit, Hugo F.: *See*—
Huijer, Pieter, and Pit. 3,218,616.

Pitcher, John N. Means for obtaining samples from placer formation. 3,208,538. 9–28–65, Cl. 175—135.

Pitcher, Kenneth R.: *See*—
Kline, Richard M., and Pitcher. 3,207,143.

Pitcher, Ralph W.: *See*—
Maras, Thomas, and Pitcher. 3,186,119.

Pitchford, Armin C., to Phillips Petroleum Co. Treatment of asphaltic crude oils. 3,206,388, 9–14–65, Cl. 208—45.

Pitchford, Armin C., and H. J. McSpadden, to Phillips Petroleum Co. Means and method for restricting a solid propellant. 3,215,028, 11–2–65, Cl. 86—1.

Pitchford, Arthur H. Method and apparatus for grinding and/or blending. 3,167,259, 1–26–65, Cl. 241—19.

Pitchford, Arthur H. Particle separating apparatus. 3,167,503, 1–26–65, Cl. 209—242.

Pitchford, Irvin M.: *See*—
Jones, Walter O., and Pitchford. 3,176,564.

Pitchforth, Lehi L., Jr., to The Dow Chemical Co. Products prepared from the reaction of halomethylated diphenyl oxide and amines. 3,182,085, 5–4–65, Cl. 260—570.9.

Pitel, Paul J., and J. M. Pepper. Abrasive wheel dressing device. 3,221,727, 12–7–65, Cl. 125—11.

Piteo, Benjamin A., Jr.: *See*—
Beaudoin, Norman R., and Piteo. 3,193,647.

Piteo, Benjamin A., Jr., to General Electric Co. Multiple circuit breaker assembly. 3,198,898, 8–3–65, Cl. 200—50.

Pither, Leslie F.: *See*—
Allman, Orin H., Brumm, and Pither. 3,224,857.

Pitifer, Michael J.; ¼, each, to T. H. Arnold, L. R. Miller, and O. K. Olsen. Drilling bits. 3,182,736, 5–11–65, Cl. 175—413.

Pitkethly, Robert C., and P. D. Holmes, to The British Petroleum Co. Ltd. Hydrogenation process. 3,215,640, 11–2–65, Cl. 252—466.

Pitlik, Hillel: *See*—
Pearce, James G., Pitlik, and Sager. 3,164,809.

Pitman, William B., to Dallas Sports Knitting Co., Inc. Protective helmet having a padded outer surface. 3,174,155, 3–23–65, Cl. 2—3.

Pitner, Alfred, ½ to Nadella S.A. Method and apparatus for forming cages for roller bearings. 3,221,390, 12–7–65, Cl. 29—148.4.

Pitner, Alfred, to Nadella Societe Anonyme. Presentation or packing of roller, needle and ball bearings and the like. 3,221,874, 12–7–65, Cl. 206—65.

Pitner, Alfred O., ½ to Societe Anonyme des Roulements a Aiguilles. Segmented cage for roller or needle bearings. 3,199,935, 8–10–65, Cl. 308—217.

Pitney-Bowes, Inc.: *See*—
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Poole, Gean, and J. R. Hoff, to Ballantyne Instruments and pounds. 3,222,378, 12–7–65, Cl. 260—326.
Poole, Kenneth M., to Bell Telephone Laboratories, Inc. Collector voltage control circuit for traveling wave tube employed in a radio repeater. 3,165,696, 1–12–65, Cl. 325—4.
Poole, Lloyd C. Electrical control system for welding apparatus. 3,222,589, 12–7–65, Cl. 321—7.
Poole, Robert F., and C. C. Ward, to Chisholm, Boyd & White Co. Method of forming high density masses of pulverulent material. 3,164,649, 1–5–65, Cl. 264—121.
Poole, Ronald E., to International Telephone & Telegraph Corp. System for pulse amplitude measurement. 3,173,089, 3–9–65, Cl 324—102
Poole, Ronald R., to General Motors Corp. Clothes washing machine. 3,216,224, 11–9–65, Cl. 68—23.
Poole, William D., to Bethlehem Steel Corp. Method of producing rimmed steel. 3,219,438, 11–23–65, Cl. 75—56.
Poole, William H., and J. H. Shands. Container with dispensing spout. 3,204,250, 8–31–65, Cl. 229—17.
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Pooley, Robert W., to United States Rubber Co. Laminated heat-formable sheet material having a protective skin comprising polyvinyl chloride resin and cured butadiene-acrylonitrile rubber. 3,206,354, 9–14–65, Cl. 161—161.
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Pope, Edker. Tray rack. 3,209,711, 10–5–65, Cl. 108—152.
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Pope, Joseph A., to Mirrlees National Ltd. Pistons for internal combustion engines. 3,187,643, 6–8–65, Cl. 92—176.
Pope, Kenneth E., to Globe Industries, Inc. Linear acceleration responsive switch. 3,197,587, 7–27–65, Cl. 200—61.53.
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Poppelsdorf, Fedor, to Union Carbide Corp. Production of 1-substituted homopiperazines. 3,210,336, 10–5–65, Cl. 260—239.
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Wehl, Glenn E. 3,223,809.
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Porter, Ailan W. H., to Hobourn-F.N.F. Ltd. Feed means for flat warp knitting machines. 3,201,955, 8–24–65, Cl. 66—86.
Porter, Alvin J., to Product Design & Engineering, Inc. Closure and dispensing cap for the neck of a container. 3,175,741, 3–30–65, Cl. 222—521.
Porter, Alvin J., and A. W. Merchlewitz, to Product Design & Engineering, Inc. Dispensing and closure cap for containers. 3,201,013, 8–17–65, Cl. 222—525.
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Porter, Clyde R., to P. L. Porter & Associates. Remote control mechanism. 3,173,263, 3–16–65, Cl. 60—54.5.
Porter, Clyde R., to P. L. Porter & Associates. Hydraulic locking device. 3,177,981, 4–13–65, Cl. 188—96.
Porter, David B., and R. A. Paine, to Millipore Filter Corp. Method of applying a microporous plastic membrane filter on a support. 3,198,865, 8–3–65, Cl. 264—271.
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Franklin, Burton P. 3,221,192.
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Porter, Joseph W., to General Electric Co. Vacuum-type circuit interrupter with improved arc splitting means. 3,185,797, 5–25–65, Cl. 200—144.

Porter, Joseph W., to General Electric Co. Electrode structure for an electric circuit interrupter. 3,210,505, 10–5–65, Cl. 200—144.

Porter, Kenneth W., Jr., and D. L. Pringle, to Motorola, Inc. Digital communication system. 3,201,778, 8–17–65, Cl. 340—347.

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Porter, Neil W. W., to Whiffen & Sons Ltd. Oxidation of hydrazoamides to azoamides. 3,190,873, 6–22–65, Cl. 260—192.

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Porter, Thomas, Jr., to Porter-Lancastrian Ltd. Beverage dispensing system. 3,220,608, 11–30–65, Cl. 222—63.

Porter, Virgle E., to International Telephone and Telegraph Corp. Electronic switching telephone system. 3,177,291, 4–6–65, Cl. 179—18.

Porter, Virgle E., to International Telephone and Telegraph Corp. Electronic switching telephone system. 3,204,044, 8–31–65, Cl. 179—18.

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Posh, Raymond C., to American Metal Products. Folding seat. 3,206,248, 9–14–65, Cl. 297—374.

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Post, Arthur H., Jr., and M. H. Streeter, to Arthur D. Little, Inc. Cryogenic transport tube incorporating liquefaction apparatus. 3,201,947, 8–24–65, Cl. 62—55.

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Post, Richard L., and T. A. Oravetz, to Edwin L. Wiegand Co. Electric heater assembly. 3,192,361, 6–29–65, Cl. 219—458.

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Weiss, Franz. 3,221,649.
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Postlewaite, William R., to California Research Corp. Tube bundle extractor for heat exchangers. 3,180,498, 4–27–65, Cl. 214—1.
Postlewaite, William R., to J. H. Kemp, Jr. Load handling apparatus. 3,190,461, 6–22–65, Cl. 214—1.
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Potgieter, Hendrik S. Earth moving scraper. 3,163,946, 1–5–65, Cl. 37—129.
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Potter, Carl R., and L. V. Reaume, to Sperry Rand Corp. Power transmission. 3,206,218, 9–14–65, Cl. 277—75.
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Potter, Frederick M., and D. H. Hopkins, to The Bendix Corp. Heatsinks and rectifier assembly for a dynamoelectric machine. 3,196,317, 7–20–65, Cl. 317—100.
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Potter, Harvey W. Combination bench and table set. 3,189,379, 6–15–65, Cl. 297—157.
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Schoeneman, Robert E. 3,176,894.
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Potter, James M., to Banker's Life & Casualty Co. Pulp molding machine with molds forming an endless chain. 3,190,791, 6–22–65, Cl. 162—219.
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Potter, John T., G. E. Comstock, 3d, and A. Gabor, to Potter Instrument Co., Inc. Digital recording systems utilizing ternary, N bit binary and other self-clocking forms. 3,226,685, 12–28–65, Cl. 340—172.5.
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Potter, Nicholas B., to Union Carbide Corp. Package. 3,185,300, 5–25–65, Cl. 206—80.
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Potter, William G., to Edwin L. Wiegand Co. Heating-ventilating device. 3,165,625, 1–12–65, Cl. 219—369.
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Poundstone, William N., to Consolidation Coal Co. Belt conveyor. 3,200,939, 8–17–65, Cl. 198—192.
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Poupitch, Ougljesa J., to Illinois Tool Works, Inc. Nonlinear gearing and apparatus utilizing nonlinear gearing for indexing. 3,187,420, 6–8–65, Cl. 29—208.
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Poupitch, Ougljesa J., to Illinois Tool Works Inc. Lockwasher. 3,199,565, 8–10–65, Cl. 151—35.
Poupitch, Ougljesa J., to Illinois Tool Works Inc. Container carrier and package. 3,199,908, 8–10–65, Cl. 294—87.2.
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Poupitch, Ougljesa J., to Illinois Tool Works Inc. Lockwasher and fastener assembly. 3,221,792, 12–7–65, Cl. 151—38.
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Poutot, Georges R., to North American Philips Co. Inc. Electrodynamic transducer. 3,207,857, 9–21–65, Cl. 179—100.41.
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Powell, Daryl E., and B. W. Spear, to Owens-Illinois Glass Co. Cathode-ray and other vacuumized tubes resistant to fracture and capable of controlled devacuation. 3,220,593, 11–30–65, Cl. 220—2.1.
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Powell, Gordon F. W., to Molins Machine Co. Ltd. Tobacco-manipulating machines. 3,174,486, 3–23–65, Cl. 131—84.
Powell, Gordon F. W., to Molins Machine Co. Ltd. Cigarette-making machines. 3,194,244, 7–13–65, Cl. 131—21.
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Powell, Kenneth D., to Westinghouse Electric Corp. Cavity resonator tuned by variable recessing, instead of variable projecting, tuning screw. 3,170,129, 2–16–65, Cl. 333—83.
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Powell, Walter F., Jr., to General Electric Co. Apparatus for operating electric discharge lamps including an impedance simulator. 3,193,726, 7–6–65, Cl. 315—199.
Powell, Walter F., Jr., to General Electric Co. Apparatus for operating electric discharge devices. 3,222,572, 12–7–65, Cl. 315—151.
Powell, Walter N. and A. F., and H. Anderton. Agricultural machinery, particularly pick-up balers. 3,177,641, 4–13–65, Cl. 56—341.
Powell, Warren H., to E. I. du Pont de Nemours and Co. Production of per (chlorofluoro) benzenes. 3,222,405, 12–7–65, 260—650.
Powell, William J., to Westinghouse Electric Corp. Circuit breaker with improved trip means. 3,213,220, 10–19–65, Cl. 200—50.
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Moore, Fred W., and Pressley. 3,181,921.
Pressman, Abraham I., to Radio Corporation of America. Memory. 3,201,598, 8–17–65, Cl. 307—88.5.
Pressman, Gerald L., P. M. Newgard, and J. J. Eige, to Stanford Research Institute. Blood pressure measuring transducer. 3,219,035, 11–23–65, Cl. 128—2.05.
Pressman, Sidney S., to Ebert Electronics Corp. Time delay mercury plunger relay. 3,177,410, 4–6–65, Cl. 317—147.
Pressure Castings, Inc.: *See*—
Brown, Joseph W. 3,173,190.
Brown, Joseph W. 3,173,695.
Pressure Products Industries, Inc.: *See*—
Bowen, John C., and Wolf. 3,195,806.
Wolf, Robert C., and Bowen. 3,192,953.
Presswood, John K., to Ethyl Corp. Process of oxidation of organoboranes. 3,194,834, 7–13–65, Cl. 260—540.
Prest, Robert J., to Technical Operations, Inc. Method for manipulating radioactive material. 3,170,065, 2–16–65, Cl. 250—106.
Prestel, Val H., to General Motors Corp. Electrically conductive particle indicator for electrically non-conductive fluids. 3,193,815, 7–6–65, Cl. 340—236.
Prestige Furniture Corp.: *See*—
Baermann, Walter P. 3,193,328.
Prestige, Harry T., to J & S Engineers Ltd. Methods of inserting inserts through solid bodies. 3,195,227, 7–20–65, Cl. 29—423.
Prestige, Harry T., to J & S Engineers Ltd. Methods of inserting inserts through solid bodies. 3,217,398, 11–16–65, Cl. 29—432.
Prestige Products, Inc.: *See*—
Goodman, Jack J., and Stillman. 3,200,554.
Presto Lock Co., Inc.: *See*—
Feinberg, Irving. 3,212,304.
Gehrie, Charles S. 3,183,029.
Gehrie, Charles S. 3,183,691.
Gehrie, Charles S. 3,186,197.
Gehrie, Charles S. 3,212,744.
Preston, Clare A. Self-lowering automotive floats. 3,215,296, 11–2–65, Cl. 214—506.
Preston, Dan C., Jr., to Baker Oil Tools, Inc. Subsurface apparatus for inducing flow of fluids in well formations. 3,189,316, 6–15–65, Cl. 251—74.
Preston, Dan C., Jr., to Baker Oil Tools, Inc. Well bore casing releasing apparatus. 3,205,948, 9–14–65, Cl. 166—225.
Preston, Don F.: *See*—
Garrett, Douglas R., and Preston. 3,199,553.
Preston, Elliott: *See*—
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Preston, Frank S.: *See*—
Ernst, Frederick J., Jr., and Preston. 3,171,324.
Preston, George L., to Unarco Industries, Inc. Live roller conveyor. 3,180,480, 4–27–65, Cl. 198—127.
Preston, Harry, to Copydex Ltd. Fastening devices. 3,214,784, 11–2–65, Cl. 16—8.
Preston, Jack, W. A. H. Huffman, and R. W. Smith, to Monsanto Co. Polycarbonamides from organic dicarboxylic acids and bis(aminopropoxyaryl)alkanes and process for producing the same. 3,197,434, 7–27–65, Cl. 260—47.
Preston, Jack, and W. A. H. Huffman, to Monsanto Co. Polymers from bis-phenolamides. 3,205,199, 9–7–65, Cl. 260—47.
Preston, Jack, and R. W. Smith, to Monsanto Co. Process for preparing poly-para-aminobenzoic acid. 3,225,011, 12–21–65, Cl. 260—78.
Preston, John: *See*—
Olson, Harry F., and Preston. 3,185,767.
Preston, John, to Radio Corp. of America. Personal microphone line transformer. 3,194,887, 7–13–65, Cl. 179—1.
Preston, John M. Liquid fertilizer. 3,183,073, 5–11–65, Cl. 71—1.
Preston, Merrill W., to Caloric Corp. Combined phone cabinet and writing desk. 3,193,341, 7–6–65, Cl. 312—245.
Preston, Mitchell T.: *See*—
Hendershot, Charles E., and Preston. 3,177,855.
Preston, Oliver: *See*—
Grant, Nicholas J., and Preston. 3,179,515.
Preston, Peter J., to American Cyanamid Co. Method for cooling a gaseous suspension of titanium dioxide. 3,217,787, 11–16–65, Cl. 165—1.
Preston, Richard J., to United Aircraft Corp. Electromagnetic artificial heart having control means responsive to changes in blood pressure and body respiration rate. 3,206,768, 9–21–65, Cl. 3—1.
Preston, Richard J., to United Aircraft Corp. Molecular physiological monitoring system. 3,212,496, 10–19–65, Cl. 128—2.1.
Preston, Richard J., and V. S. Peterson, to United Aircraft Corp. Velocity control system for following irregular patterns. 3,207,407, 9–21–65, Cl. 228—7.
Preston, Troy C., and J. J. Wetzler, to F. W. Means & Co. Non-trip non-skid floor mat assembly and a mat holder therefor. 3,168,757, 2–9–65, Cl. 15—217.
Preston, Wallace M.: *See*—
Wallace, Edward M., and Preston. 3,187,430.
Preston, Walter G., to Tulareloft, Inc. Testing machine for safety seat belts. 3,224,258, 12–21–65, Cl. 73—95.
Preston, William C.: *See*—
Taylor, Richard P., and Preston. 3,167,003.
Prestowitz, Clyde V., to Arocos Corp. Eddy current testing method of distinguishing similar welding electrodes having dissimilar coatings. 3,222,594, 12–7–65, Cl. 324—40.
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Prestwood, Franklin H., to United States of America, Air Force. Target-carrier aircraft protective system. 3,209,349, 9–28–65, Cl. 343—65.
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Presunka, Peter. 3,198,544.
Presunka, Peter, to M. Presunka. Impact energy absorber. 3,198,288, 8–3–65, Cl. 188—1.
Presunka, Peter, to S. Presunka. Vehicle passenger's protection device. 3,198,543, 8–3–65, Cl. 280—150.
Presunka, Peter, 15% to M. Presunka, for W. and S. Presunka. Protection barrier for vehicle passengers. 3,198,544, 8–3–65, Cl. 280—150.
Presunka, Peter. Crossed lattice wall structure. 3,222,832, 12–14–65, Cl. 52—207.
Presunka, Peter, and J. F. Liston, ⅓ to S. Presunka. Safety crash tray for vehicles. 3,203,709, 8–31–65, Cl. 280—150.
Presunka, Steve: *See*—
Presunka, Peter. 3,198,543.
Presunka, Peter. 3,198,544.
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Presunka, Wesley: *See*—
Presunka, Peter. 3,198,544.
Prete, Ernest, Jr., to Brown-Line Corp. Ratchet buckle. 3,175,806, 3–30–65, Cl. 254—164.
Pretka, John E., to E. I. du Pont de Nemours and Co. Aqueous epoxy resin composition yielding antistatic soil resistant finish on textiles. 3,175,987, 3–30–65, Cl. 260—29.6.
Pretot, Armand V., Jr., to Rapistan-Keystone, Inc. Detection device for conveyors. 3,203,531, 8–31–65, Cl. 198—40.
Preu, Hans L.: *See*—
Penote, Vincent S., and Preu. 3,203,119.
Penote, Vincent S., and Preu. 3,206,876.
Preud'homme, Jean, B. Vuillemin, and Y. Charpentie, to Rhone Poulenc S.A. Recovery of 6-amino-pencillanic acid. 3,219,669, 11–23–65, Cl. 260—306.7.
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Bauer, La Verne N., and Preuss. 3,218,258.
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Preusser, Henry M., and E. B. Denton, to Weyerhaeuser Co. Heater for pavement markers. 3,185,455, 5–25–65, Cl. 263—11.
Prevallet, Val A., Jr., to Sperry Rand Corp. Control systems utilizing tuning forks. 3,197,714, 7–27–65, Cl. 331—1.
Previc, Edward P., to Consolidation Coal Co. Preparation of thiocyanophenols. 3,202,690, 8–24–65, Cl. 260—454.
Previte, Dominick L., to Eaton Mfg. Co. Closure device. 3,186,580, 6–1–65, Cl. 220—44.
Previte, Dominick L., to Eaton Mfg. Co. Closure device. 3,203,578, 8–31–65, Cl. 220—44.
Previti, Frank R., and O. Shames, to United States of America, Navy. Frequency synthesizer employing plural input sources and plural switching-means producing wide range of output frequencies. 3,207,993, 9–21–65, Cl. 328—14.
Prew, Lionel R., to Shell Oil Co. Supported liquefied gas storage tank. 3,206,057, 9–14–65, Cl. 220—15.
Preway Inc.: *See*—
Claywell, Jack W., and Peterson. 3,167,183.
Jenson, Kenneth S. 3,176,605.
Jenson, Kenneth S. 3,194,146.
Jenson, Kenneth S. 3,199,435.
Nelson, Averd G. 3,200,913.
Prewitt, David. Leaf curing machinery. 3,224,603, 12–21–65, Cl. 214—5.5.
Prewitt, Thomas A., to General Motors Corp. Headlight reminder circuit. 3,214,730, 10–26–65, Cl. 340—52.
Preziosi, Joseph R., to Elastic Stop Nut Corp. of America. Rotary fastener. 3,220,078, 11–30–65, Cl. 24—221.
Priapi, Joseph J., to United Aircraft Corp. Ignition device. 3,172,255, 3–9–65, Cl. 60—35.6.
Priaroggia, Paolo G., to Pirelli Societa per Azioni. Process and apparatus for the manufacture of high tension cables. 3,196,060, 7–20–65, Cl. 156—56.
Priaroggia, Paolo G., to Pirelli Societa per Azioni. High-tension cable insulated with synthetic tape and oil. 3,223,773, 12–14–65, Cl. 174—25.
Pribyl, Edward J., and C. F. Turk, to Olin Mathieson Chemical Corp. Cycloocteno-pyrimidines. 3,185,691, 5–25–65, Cl. 260—256.4.
Pribyl, Edward J., and C. F. Turk, to Olin Mathieson Chemical Corp. 3-substituted-5,6,7,8,9,10-hexahydrocycloocta [c] pyridazines. 3,205,230, 9–7–65, Cl. 260—250.
Pribyl, John P. Fountain displays. 3,165,966, 1–19–65, Cl. 84—464.
Pribyl, Robert, to Vereinigte Osterreichische Eisen- und Stahlwerke Aktiengesellschaft. Process of hardening alloy steels. 3,222,229, 12–7–65, Cl. 148—143.
Price, Albert E., to General American Transportation Corp. Railway hopper cars. 3,191,785, 6–29–65, Cl. 214—83.28.

Price, Albert R., to Community Industries, Ltd. Device for tilling. 3,180,428, 4–27–65, Cl. 172—42.
Price, Albert R., to Community Industries, Ltd. Cap. 3,199,716, 8–10–65, Cl. 220—44.
Price Brothers Co.: *See*—
Keyser, Lewis R., and Osweiler. 3,206,821.
Osweiler, Paul L. 3,177,019.
Osweiler, Paul L. 3,201,843.
Osweiler, Paul L. 3,212,797.
Smith, Warner B. 3,206,851.
Price, Charles R.: *See*—
Gronholz, Le Roy F., Owens, and Price. 3,177,558.
Price, Daniel D., and E. E. Presby, to Rainbow Plastic. Spot sander for swimming pools. 3,175,334, 3–30–65, Cl. 51—393.
Price, David B., to Westinghouse Electric Corp. Detachable thermoresponsive switch control means. 3,209,105, 9–28–65, Cl. 200—136.5.
Price, David B., to Westinghouse Electric Corp. Beverage maker. 3,217,923, 11–16–65, Cl. 220—82.
Price, David S., to E. I. du Pont de Nemours and Co. Mixed fertilizers having a urea source of nitrogen in excess of a nitrate source. 3,186,825, 6–1–65, Cl. 71—28.
Price, Donald G.: *See*—
Spiri, Willy H., Haby, and Price. 3,210,821.
Price, Earl R., to The Bendix Corp. Automatic shoe retractor. 3,189,131, 6–15–65, Cl. 188—78.
Price, Edwin A. Tool for sealing an aperture in a wall. 3,198,039, 8–3–65, Cl. 81—15.6.
Price, Eldon N., to Douglas Aircraft Co., Inc. Trailing static source for airspeed calibration. 3,214,115, 10–26–65, Cl. 244—1.
Price, Eugene W., to Allis-Chalmers Mfg. Co. Pellet of iron ore and flux, and method for making same. 3,169,852, 2–16–65, Cl. 75—3.
Price, Eugene W., to Allis-Chalmers Mfg. Co. Pellet of iron ore and flux, and method for making same. 3,188,195, 6–8–65, Cl. 75—5.
Price, Everett R., B. F. Butler, J. L. Whitcomb, and J. F. Prescott, to Kinetics Corp. Switch having two pairs of contacts, one pair being formed of material having higher resistivity characteristic than the other pair. 3,205,332, 9–7–65, Cl. 200—166.
Price, Forest W., and H. F. Koopmann, to Fibreboard Paper Products Corp. Fire resistant asphalt roofing and method of manufacture. 3,193,439, 7–6–65, Cl. 161—93.
Price, Frank B.: *See*—
Steele, Clarence R., and Price. 3,226,257.
Price, Frederick J., Jr., to Doryce Appleton. Agitator for foods of a liquid form containing solids. 3,172,645, 3–9–65, Cl. 259—107.
Price, Frederick J., Jr., to D. Appleton. Liquid food dispensing device. 3,200,999, 8–17–65, Cl. 222—185.
Price, George S.: *See*—
Tally, Sidney K., Price, and Gordon. 3,177,103.
Price, H. C., Co.: *See*—
Bell, Billy E., and Elliott. 3,193,656.
Sikes, Edwin H. 3,177,669.
Price, Herbert P., and D. F. McWhorter, to Devoe & Raynolds Co., Inc. Continuous process for the preparation of glycidyl polyethers. 3,221,032, 11–30–65, Cl. 260—348.6.
Price, Hollas K. Safety automobile door locking device. 3,166,144, 1–19–65, Cl. 180—82.
Price, Hollas K. Combined rattle and whistle. 3,177,614, 4–13–65, Cl. 46—177.
Price, Hollas K. Rocket-propelled vehicle with ground anchoring means. 3,186,302, 6–1–65, Cl. 89—1.7.
Price, Hollas K. Electrical illuminating and sounding toy. 3,214,862, 11–2–65, Cl. 46—227.
Price, Hollas K. Space craft propulsion means. 3,215,372, 11–2–65, Cl. 244—74.
Price, Hollas K. Rocket propulsion means for space craft. 3,215,373, 11–2–65, Cl. 244—74.
Price, Howard E., to The Coe Mfg. Co. Apparatus for handing logs. 3,195,593, 7–20–65, Cl. 144—209.
Price, James C. Storage reel. 3,208,121, 9–28–65, Cl. 24—71.2.
Price, Jerry L.: *See*—
Carter, William A., Keathley, and Price. 3,197,855.
Price, John A., to Avisun Corp. Propylene polymerization in the presence of an aluminum alkyl dihalide, titanium trichloride and an alkyl phosphonate. 3,216,987, 11–9–65, Cl. 260—93.7.
Price, John E.: *See*—
Murphy, Bernard T., and Price. 3,209,214.
Price, John E., to Fairchild Camera and Instrument Corp. Programmable circuit. 3,191,151, 6–22–65, Cl. 340—166.
Price, Lewis C., Jr., to Control Print Machinery Manufactures Corp. Printing apparatus. 3,220,341, 11–30–65, Cl. 101—35.
Price, Lowell T.: *See*—
Hawkins, Harold M., Scoggin, and Price. 3,178,360.
Price, Lynn S.: *See*—
Opratko, Val, and Price. 3,174,821.
Price, Michael S. T., to United Kingdom Atomic Energy Authority. Process of forming a carbon article from furfural alcohol and carbon particles. 3,201,330, 8–17–65, Cl. 202—26.
Price, Nathan C. Turbo-jet powerplant. 3,203,180, 8–31–65, Cl. 60—39.29.
Price, Nathaniel W. Flush tank attachment for lever operation of atomizer deodorant cans. 3,182,337, 5–11–65, Cl. 4—222.
Price, Norman W., to United Kingdom Atomic Energy Authority. Cable strapping tools. 3,179,128, 4–20–65, Cl. 140—93.2.
Price, Paul S., and F. C. Greene, to Shepherd Casters, Inc. Tilted axle caster. 3,177,516, 4–13–65, Cl. 16—18.
Price-Pfister Brass Mfg. Co.: *See*—
Hinderer, Gottlob. 3,225,581.
Hinderer, Gottlob, and Thorp. 3,166,097.
Price, Ralph E.: *See*—
Fries, John R., and Price. 3,192,675.
Price, Ralph E., to Landis Tool Co. Traverse control valve for machine tools. 3,207,045, 9–21–65, Cl. 91—448.
Price, Ralph E., and C. E. Tolbert, to Landis Tool Co. Precision feed for machine tools. 3,183,631, 5–18–65, Cl. 51—165.
Price, Raymond: *See*—
Arbuckle, Alexander W., Clark, and Price. 3,205,218.
Chapman, Alan, Marrable, Mills, and Price. 3,171,710.
Mills, Walter P., O'Neill, and Price. 3,186,788.
Mills, Walter P., O'Neill, and Price. 3,203,752.
Price, Robert S. Tracing converter. 3,182,399, 5–11–65, Cl. 33—23.
Price, Ronald C.: *See*—
Kershner, Osborn A., and Price. 3,194,349.
Price, Russell W. Reinforced conductive yarn. 3,206,923, 9–21–65, Cl. 57—140.
Price, Staten B.: *See*—
Hall, John B., Jr., Brady, and Price. 3,208,272.
Price-Stephens, Douglas, and H. E. Jackson; said Price-Stephens assor. to Ford Motor Co. and said Jackson assor. to Imperial-Eastman Corp. Connecting means. 3,224,801, 12–21–65, Cl. 287—90.
Price, Thomas C.: *See*—
Sacks, Norman M., Frank, and Price. 3,183,476.
Price, Thomas J., to United States of America, Army. Digital servo and incremental positioner. 3,219,895, 11–23–65, Cl. 318—28.
Price, Vernon L. Vibrationless air hammer assembly. 3,223,181, 12–14–65, Cl. 173—18.
Price, Warren H., and J. S. Hayek, to Jacobsen Mfg Co. Mounting for a rotatable chute. 3,214,223, 10–26–65, Cl. 302—61.
Price, William: *See*—
Zwiebel, Norman, Newman, and Price. 3,220,615.
Price, William B. Surface treating apparatus. 3,172,138, 3–9–65, Cl. 15—98.
Price, William B. Method of and apparatus for pumping. 3,182,602, 5–11–65, Cl. 103—152.
Price, William G., to ACF Industries, Inc. Railroad draft gear. 3,164,265, 1–5–65, Cl. 213—64.
Price, William G., and H. J. May, to ACF Industries, Inc. Long stroke draft gear with full draft hydraulic action. 3,164,262, 1–5–65, Cl. 213—8.
Price, William G., and H. J. May, to ACF Industries, Inc. Car construction. 3,164,264, 1–5–65, Cl. 213—43.
Price, William G., and G. E. Frederick, Jr., to ACF Industries, Inc. Hydraulic draft gear. 3,175,699, 3–30–65, Cl. 213—43.
Price, William R.: *See*—
Fleming, Harold W., and Price. 3,205,281.
Price, William R. Wick-type heater device. 3,185,144, 5–25–65, Cl. 126—350.
Price, William R., to Ford Motor Co. Hydraulic unloading valves. 3,194,260, 7–13–65, Cl. 137—469.
Price, William R., and W. J. Foxwell, to Ford Motor Co. Tractor hydraulic systems. 3,168,146, 2–2–65, Cl. 172—7.
Price, Wilson T.: *See*—
Andrews, Zenas B., Brown, and Price. 3,167,294.
Price, Wilson T., and S. Aisawa, to United States of America, Navy. Stowage adapter. 3,166,978, 1–26–65, Cl. 89—1.7.
Price, Wilson T., and C. R. Brown, to United States of America, Navy. Vibration and noise control in liquid springs. 3,182,987, 5–11–65, Cl. 267—64.
Price, Wilson T., and C. R. Brown, to United States of America, Navy. Liquid spring mounting means for a launching tube. 3,221,602, 12–7–65, Cl. 89—1.7.
Priceman, Seymour: *See*—
Kling, Harry P., Sama, Priceman, Nijs, and Bahbout. 3,202,584.
Priceman, Seymour, and L. Sama, to United States of America, Atomic Energy Commision. Protective coatings for columbium and its alloys. 3,219,474, 11–23–65, Cl. 117—71.
Pricenski, Theodore J.: *See*—
Matheson, Wilfred G., Clune, and Pricenski. 3,178,665.
Matheson, Wilfrid G., and Pricenski. 3,193,064.
Pricer, Wilbur D., to International Business Machine Corp. Negative resistance memory circuit. 3,189,878, 6–15–65, Cl. 340—173.
Pricer, Wilbur D., and H. P. Wolff, to International Business Machines Corp. Transformer-coupled bistable semiconductor device memory. 3,189,876, 6–15–65, Cl. 340—173.
Pricer, Wilbur D., and H. P. Wolff, to International Business Machines Corp. Electronic memory without compensated read signal. 3,189,877, 6–15–65, Cl. 340—173.
Prichard, Arthur C.: *See*—
Hamsher, Donald H., Parmer, and Prichard. 3,197,563.
Prichard, Arthur W.: *See*—
Clarke, Terence J. L., and Prichard. 3,171,317.
Prichard, Evan S.: *See*—
Brennan, George A., and Prichard. 3,191,961.
Prichard, Evan S., to Challenge-Cook Bros., Inc. Retractable axle for vehicle load distribution. 3,191,963, 6–29–65, Cl. 280—81.

Prichard, John H.: *See*—
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Prichard, John H., to Celanese Corp. of America. Stabilization of oxymethylene copolymers by 2-hydroxy benzophenones. 3,219,621, 11–23–65, Cl. 260—45.95.
Prichard, Roy, to International Telephone and Telegraph Corp. Pulse dividing circuit. 3,175,130, 3–23–65, Cl. 317—140.
Prichard, William W., to E. I. de Pont de Nemours and Co. Thio and oxy substituted aromatic hydrazones of carbonyl cyanide. 3,202,698, 8–24–65, Cl. 260—465.
Prickett, Alexander W., to Westland Aircraft Ltd. Ground effect machines with flexible jet nozzle systems. 3,216,-519, 11–9–65, Cl. 180—7.
Prickett, Paul: *See*—
Barton, Raymond W., Heckel, Prickett, and Swenson. 3,193,993.
Barton, Raymond W., Heckel, Prickett, and Swenson. 3,208,710.
Prickett, Tom, Jr.: *See*—
Woods, John P., Neitzel, and Prickett. 3,185,994.
Woods, John P., Neitzel, and Prickett. 3,222,546.
Woods, John P., and Prickett. 3,207,964.
Woods, John P., Prickett, and Neitzel. 3,210,770.
Prickett, Tom, Jr., and J. P. Woods, to The Atlantic Refining Co. Method and means for reducing strong, early arrival waves in continuous wave operations. 3,209,855, 10–5–65, Cl. 181—.5.
Pridgen, Herman S.: *See*—
Brannock, Kent C., and Pridgen. 3,184,457.
Pridham, Donald C., Jr.: *See*—
Rice, Harold W., Pridham, Beck, and Scott. 3,216,326.
Priebe, Edward T., to General Motors Corp. Rear view mirror. 3,191,498, 6–29–65, Cl. 88—98.
Priese, Werner K.: *See*—
Anderson, John H., and Priese. 3,168,279.
Priese, Werner K., to Hills-McCanna Co. Ball valve having heat destructible seal. 3,177,887, 4–13–65, Cl. 137—74.
Priesmeyer, Charles, to Meyer & Wenthe, Inc. Seal press. 3,177,801, 4–13–65, Cl. 101—3.
Priest, Jerry A.: *See*—
Beyer, Stanley J., and Priest. 3,191,401.
Priest, Norman F., and M. D. Levinrad. Safety devices for vehicles. 3,203,733, 8–31–65, Cl. 297—389.
Priestley, Philip T.: *See*—
Pitts, Eric, and Priestley. 3,177,719.
Priestman, Bewley D., to General Motors Corp. Latch actuating means. 3,203,721, 8–31–65, Cl. 292—336.3.
Priestman Bros. Ltd.: *See*—
Brocklebank, Norman, and Scott. 3,169,649.
Brocklebank, Norman, and Scott. 3,173,561.
Brocklebank, Norman, Wardill, and Scott. 3,189,203.
Prietzel, Horst, to Suddeutsche Kalkstickstoff-Werke Aktiengesellschaft. Preparation of formamide, guanidine and salts thereof. 3,221,053, 11–30–65, Cl. 260—561.
Prifogle, John S., to Belden Mfg. Co. Connector. 3,185,953, 5–25–65, Cl. 339—59.
Prigg, John B.: *See*—
Carlson, Floyd E., Prigg, and Levin. 3,212,128.
Carlson, Floyd E., Prigg, and Swedberg. 3,215,581.
Prigotsky, Michael J., to R-N Corp. Rotary kilns. 3,199,851, 8–10–65, Cl. 263—33.
Prijatel, Edward A., to Borg-Warner Corp. Hydraulic systems and pumps. 3,182,596, 5–11–65, Cl. 103—2.
Prijatel, Edward A., to Borg-Warner Corp. Combination pump and separator. 3,209,995, 10–5–65, Cl. 233—3.
Prill, Erhard J.: *See*—
Baizer, Manuel M., and Prill. 3,218,246.
Basdekis, Costas H., Prill, and Walker. 3,192,178.
Eby, Charles J., and Prill. 3,184,475.
Eby, Charles J., and Prill. 3,225,085.
Wygant, James C., and Prill. 3,198,810.
Prill, Erhard J., and J. C. Wygant, to Monsanto Co. Resinous compositions plasticized with poly (ester-lactones). 3,213,-054, 10–19–65, Cl. 260—30.4.
Prill, Erhard J., and C. J. Eby, to Monsanto Co. Pesticidal maleimides, maleamides and fumaramides. 3,224,936, 12–21–65, Cl. 167—30.
Prill, Walter M.: *See*—
Matthies, William, Prill, and Pulver. 3,214,007.
Primas, Alex L., to Thermal Research & Engineering Corp. Snow melting apparatus and method. 3,197,743, 6–8–65, Cl. 126—343.5.
Primas, Johann J., to Trüb, Taüber & Co. AG. Apparatus for producing magnetic fields. 3,197,678, 7–27–65, Cl. 317—158.
Prime Movers (Wiltshire) Ltd.: *See*—
Sherwen, Theo. 3,225,855.
Primore Sales, Inc.: *See*—
Morse, Stanley H. 3,198,480.
Prince, Edward J.: *See*—
Bertram, John M., Prince, and Stone. 3,223,398.
Prince, F. H., & Co., Inc.: *See*—
Hemery, Jack L., and Farrell. 3,171,265.
Prince, Fred J., to Hupp Corp. Apparatus for indicating the distribution of radiant energy and the like. 3,212,706, 10–19–65, Cl. 235—89.
Prince, Fred J., and C. Szell, to Hupp Corp. Radiant gas burner. 3,219,097, 11–23–65, Cl. 158—114.
Prince Jidosha Kogyo Kabushiki-Kaisha: *See*—
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Prince, Morris D., to Lockheed Aircraft Corp. Fluid flow indicator. 3,203,236, 8–31–65, Cl. 73—189.
Prince, Richard. Hydraulic cylinder device. 3,168,853, 2–9–65, Cl. 91—167.
Prince Sangyo Kabushiki Kaisha: *See*—
Yoshinaga, Masajiro. 3,164,001.
Prince, Seymour. Plumber's combination plug and penetration-forming device. 3,176,724, 4–6–65, Cl. 138—89.
Prince-Smith & Stells Ltd.: *See*—
Speak, John. 3,205,540.
Speak, John. 3,206,803.
Prince, Theodore G. Dual-shaded lipstick comprising concentrically arranged cosmetics. 3,192,933, 7–6–65, Cl. 132—79.
Prince, William H. Bird feeders. 3,211,130, 10–12–65, Cl. 119—51.
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Bergman, Richard I., and Frisch. 3,197,416.
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Bartz, Frank J. 3,186,409.
Freedman, Henry H. 3,203,864.
Principe, Pacifico A.: *See*—
Diassi, Patrick A., Principe, and Fried. 3,164,532.
Diassi, Patrick A., Principe, and Fried. 3,169,978.
Principle Plastics: *See*—
Hoyt, Dolph G., Jr. 3,208,164.
Prindle, Charles, to Robinson Technical Products, Inc. Method of testing tubing and apparatus therefor. 3,169,-635, 2–16–65, Cl. 205—7.
Prindle, William L., R. H. Bielfeldt, and R. J. Surdell, to Republic Steel Corp. Straddle truck support shoe. 3,184,087, 5–18–65, Cl. 214—392.
Prines, Frank J., and W. H. Beck, to Westinghouse Electric Corp. Transient suppressor circuit. 3,211,929, 10–12–65, Cl. 307—93.
Pringle, Dwight L.: *See*—
Porter, Kenneth W., Jr., and Pringle. 3,201,778.
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Martin, Philip W., and Pringle. 3,223,839.
Prins, Christian F. Motion changing mechanisms. 3,199,361, 8–10–65, Cl. 74—124.
Prins, Klaas. Coal cleaning apparatus. 3,204,764, 9–7–65, Cl. 209—18.
Prinsen, Frederik B. A., to Agfa Aktiengesellschaft. Controls for electrical instruments. 3,177,788, 4–13–65, Cl. 95—64.
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Burr, Robert P. 3,171,051.
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Printz, Warren G., D. Rubenis, and W. Lithgo, to Diamond International Corp. Slitting mechanisms for endless web material. 3,185,010, 5–25–65, Cl. 83—482.
Printz, Warren G., D. Rubenis, and W. Lithgo, to Diamond International Corporation. Web winding apparatus. 3,206,134, 9–14–65, Cl. 242—66.
Prior, Hector T., to International Standard Electric Corp. Signal transmission apparatus with means for suppressing harmonics and intermodulating products. 3,202,928, 8–24–65, Cl. 330—124.
Prior, William C., to Speed Selector, Inc. Variable speed drive mechanisms. 3,199,370, 8–10–65, Cl. 74—640.
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Pritchard, David E., to Radio Corp. of America. Optical tunnel system. 3,170,980, 2–23–65, Cl. 88—1.
Pritchard, Frank C. Golf club shaft and hosel connector. 3,170,691, 2–23–65, Cl. 273—80.5.
Pritchard, Glenn F. and B. A. Lifesaving device. 3,187,712, 6–8–65, Cl. 116—124.
Pritchard, Harold M. Electronically actuated surface projectile game. 3,208,752, 9–28–65, Cl. 273—118.
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Pritchard, James E., and A. L. Robbins, to Phillips Petroleum Co. Dispersion of carbon black in polyolefins. 3,206,419, 9–14–65, Cl. 260—23.
Pritchard, John S., to Evans Products Co. Anchoring clip for overlapping wall paneling or siding. 3,222,831, 12–14–65, Cl. 52—99.
Pritchard, Peter E., to General Electric Co. Stylus assembly for a phonograph pickup cartridge. 3,219,764, 11–23–65, Cl. 179—100.41.
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Pritikin, Nathan, and B. Feldman, to Intellux Inc. Resistance-capacitance device employing conductive and non-conductive iridized oxide films. 3,200,326, 8–10–65, Cl. 323—74.
Pritz, Peter G. Heater for metallic discs. 3,213,264, 10–19–65, Cl. 219—214.
Pritzker, David. Storage container of prefabricated curved wall segments. 3,180,057, 4–27–65, Cl. 50—162.
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Prizzia, John J., Jr. Geometric instruments. 3,172,207, 3–9–65, Cl. 33—95.
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Prober, Maurice, to General Electric Co. Organosilicon compounds containing nitrile radicals. 3,185,719, 5–25–65, Cl. 260—448.2.
Probert, Rhys P., P. Martin, and E. L. Hartley, to Minister of Supply, in Her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Combustion system. 3,182,453, 5–11–65, Cl. 60—39.66.
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Probst, Karl K., deceased; J. P. Probst executor of said deceased. Seat construction. 3,188,142, 6–8–65, Cl. 297—456.
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Prochaska, Robert J., to General Electric Co. Polymerization of aromatic cyclic carbonate monomers. 3,220,980, 11–30–65, Cl. 260—47.
Prochaska, Robert J., to General Electric Co. Aromatic carbonates. 3,221,025, 11–30–65, Cl. 260—340.2.
Prochnow, Leroy W. Articulated rear view mirrors for a tractor-trailer. 3,208,343, 9–28–65, Cl. 88—86.
Procter, Edward C., to Sperry Rand Corp. Reciprocable cutter for a row-crop harvester. 3,213,597, 10–26–65, Cl. 56—16.
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Andre, Arlee A., and Sweringen. 3,170,796.
Baumann, Norbert J. 3,224,158.
Baur, Fredric J. 3,183,098.
Baur, Fredric J. 3,211,558.
Bedenk, William T., Brunner, and Goodrich. 3,194,666.
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Berry, Jim S. 3,194,840.
Berry, Jim S. 3,196,184.
Broaddus, Charles D. 3,185,744.
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Burt, Robert V. 3,217,935.
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Colby, Edward E. 3,167,432.
Conlon, Ralph D. 3,223,664.
Cope, Paul E. 3,179,309.
Cordes, Brandon M. 3,188,146.
Diehl, Francis L. 3,213,030.
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Drew, Howard F., and Zimmerer. 3,197,509.
Duncan, Robert C., and Baker. 3,180,335.
Dunlop, Henry A., Jr., and Chaffee. 3,198,740.
Eaton, Stanley L., and Gebhardt. 3,179,599.
Ewell, James M. 3,169,652.
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Going, Louis H. 3,186,854.
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Howard, Norman B., and Koren. 3,186,851.
Howard, Norman B., and Koren. 3,208,857.
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McGrory, James A. 3,189,466.
Motzel, Werner J., and Baur. 3,224,886.
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Nunn, Frank C. 3,185,382.
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Quinn, Herbert. 3,193,453.
Schaefer, Jean E. 3,208,192.
Schweizer, Henry C. 3,193,463.
Smith, Norman R. 3,179,598.
Smith, Norman R. 3,192,166.
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Spinanger, Arthur, and Burt. 3,186,568.
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Proctor, Barton A., 33⅓ to A. C. Nolte. Recording medium drive. 3,169,720, 2–16–65, Cl. 242—55.12.
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Proctor, Herbert W., D. F. Herdeg, W. B. Spring, H. A. Robinson, and G. P. Scott, to United Shoe Machinery Corp. Electromagnetic actuators having continuously rotating field. 3,169,202, 2–9–65, Cl. 310—83.
Proctor, Laura M. Food preserver. 3,178,903, 4–20–65, Cl. 62—372.
Proctor, Navor, to W. M. Schwarz. Key ejector apparatus for ignition switch. 3,217,114, 11–9–65, Cl. 200—44.
Proctor, Ralph H., to Royal Industries, Inc. Container closure. 3,167,208, 1–26–65, Cl. 220—46.
Proctor & Schwartz, Inc.: *See*—
Franklin, John J., and Hine. 3,220,535.
Franklin, John J., and Hine. 3,224,452.
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Manship, Luther P. 3,166,809.
Proctor, Thomas: *See*—
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Product Design and Development Corp.: *See*—
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Product Design & Engineering, Inc.: *See*—
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Porter, Alvin J., and Merchlewitz. 3,201,013.
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Fitzsimmons, Lloyd R. 3,223,430.
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Jacobs, William H., Nahikian, and Armstrong. 3,225,965.
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Duncan, Edward T. 3,225,186.
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Production Machinery Corp.: *See*—
Callaghan, William I. 3,214,001.
Mann, Freeman. 3,208,577.
Ranney, Neil J. 3,187,530.
Production Metal Products Co., Inc.: *See*—
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Producto Machine Co.: *See*—
Coffin, Harland H. 3,170,735.
Coffin, Harland H. 3,195,374.
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Saslawsky, Sheldon, and Hyland. 3,222,717.
Saslawsky, Sheldon, and Hyland. 3,222,720.
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Beau, Raymond. 3,189,414.
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Proell, Wayne A.: *See*—
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O'Connor, Donald J., and Proell. 3,180,772.
Ossyra, Robert H., Ortkiese, and Proell. 3,220,898.
Proewig, Frederick W., to Spanel Foundation Inc. Method of stimultaing appetite and relieving Parkinson's symptoms. 3,172,807, 3–9–65, Cl. 167—55.
Proffitt, Ira J. Power-driven hair clipper means with positionally adjustable hair clipping head. 3,217,409, 11–16–65, Cl. 30—199.
Proffitt, William C., and W. Johnson, to General Motors Corp. Slot liner for dynamoelectric machine. 3,210,583, 10–5–65, Cl. 310—215.
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Petterson, Adolf H. 3,190,409.
Profos, Paul, to Sulzer Freres, S.A. Method and apparatus for controlling operation of forced flow critical and supercritical pressure steam generators. 3,168,075, 2–2–65, Cl. 122—451.
Profos, Paul, to Societe Anonyme Sulzer Freres. Steam power plant. 3,174,288, 3–23–65, Cl. 60—105.
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Prohofsky, Le Roy A., to Sperry Rand Corp. Electrical circuitry fabrication. 3,214,827, 11–2–65, Cl. 29—155.5.
Projahn, Emil, to Gebruder Kollisch. Gas lighter. 3,164,977, 1–12–65, Cl. 67—7.1.
Projahn, Emil, to Gebruder Köllisch. Pocket lighter. 3,186,193, 6–1–65, Cl. 67—7.1.
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Prono, Edward, H. W. Marsh, and J. R. Conyers, to North American Aviation, Inc. Pressure actuated valve. 3,216,438, 11–9–65, Cl. 137—68.
Proops, William R., to Union Carbide Corp. Epoxide composition containing a stannic salt of a carboxylic acid. 3,208,955, 9–28–65, Cl. 260—2.
Proops, William R., and G. W. Fowler, to Union Carbide Corp. Curable mixtures comprising epoxide compositions and divalent tin salts. 3,201,360, 8–17–65, Cl. 260—18.
Properzi, Ilario. Process for the melting of metals, for example copper, and an electric furnace for the performance of said process. 3,184,530, 5–18–65, Cl. 13—23.
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Uren, William J., and Propster. 3,184,734.
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Proth, Elizabeth. Stretching device for neckties and the like. 3,182,868, 5–11–65, Cl. 223—65.
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Provencher, Joseph H., to United States of America, Navy. Multifrequency dual ridge waveguide slot antenna. 3,193,830, 7–6–65, Cl. 343—771.

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Quellette, Rene J., to American Twine & Fabric Corp. Apparatus for detecting metal bodies in fabricated materials. 3,204,054, 8–31–65, Cl. 200—61.09.
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Quick, August W., and H. Lindemann, to Th. Calow & Co. Hydraulically control drive system. 3,172,264, 3–9–65, Cl. 60—54.
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Rabinow, Jacob, to Control Data Corp. Marker for machine readable documents. 3,170,139, 2–16–65, Cl. 340—146.3.

Rabinow, Jacob. Combination lock with security mechanism. 3,172,283, 3–9–65, Cl. 70—301.

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Rabinow, Jacob, to Control Data Corp. Character reading system with sub matrix. 3,182,290, 5–4–65, Cl. 340—146.3.

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Rabinow, Jacob, to Control Data Corp. Optical logic reading machine. 3,225,329, 12–21–65, Cl. 340—146.3.

Rabinow, Jacob, and J. G. Macdonald, to Control Data Corp. Sheet and card feed device. 3,166,311, 1–19–65, Cl. 271—12.

Rabinow, Jacob, and E. Blomgren, to United States of America, Army. Self-contained test device for ordnance missiles. 3,169,484, 2–16–65, Cl. 102—70.2.

Rabinow, Jacob, and W. Fischer. Vehicle guidance by optical means. 3,172,496, 3–9–65, Cl. 180—79.

Rabinow, Jacob, and A. W. Holt, to Control Data Corp. Reading machine with core matrix. 3,173,126, 3–9–65, Cl. 340—146.3.

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Rabinow, Jacob, and W. Fischer, to Control Data Corp. Line reading machine. 3,199,080, 8–3–65, Cl. 340—146.3.

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Race, William F. Truck aligner. 3,188,747, 6–15–65, Cl. 33—203.18.

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Ramstein, Erich, to H. A. Schlatter, A.G. Resistance welding machine. 3,188,444, 6–8–65, Cl. 219—56.
Ramstein, Erich, to H. A. Schlatter, A.G. Machine for rolling up reinforcing mats and similar wire grids and nets. 3,208,684, 9–28–65, Cl. 242—67.1.
Ramun, Michael. Air supply for internal combustion engines. 3,186,394, 6–1–65, Cl. 123—122.
Ramus, Yves. Process for manufacturing a humic fertilizer. 3,222,160, 12–7–65, Cl. 71—23.
Ranauto, Humbert J., to Atlas Chemical Industries, Inc. Aluminum hot rolling processes using aqueous lubricant compositions. 3,195,332, 7–20–65, Cl. 72—42.
Ranby, Peter W., D. W. Turner, and D. Y. Hobbs, to Thorn Electrical Industries Ltd. Electroluminescent image-producing device. 3,215,847, 11–2–65, Cl. 250—217.
Ranby, Peter W., and D. R. Palowkar, to Thorn Electrical Industries Ltd. Titanium and tin activated magnesium borate luminescent material. 3,226,333, 12–28–65, Cl. 252—301.4.
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Caldwell, Roland B. 3,212,524.
Lorenz, Jerome L. 3,222,481.
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Rand Associates, Inc.: *See*—
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Culver, William H., and Davis. 3,216,263.
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Rand, Morris, to Rand Associates, Inc. Display stand. 3,185,-115, 5–25–65, Cl. 108—108.

Rand, Morris, to Rand Associates, Inc. Display table. 3,197,265, 7–27–65, Cl. 312—140.1.
Rand, Paul D., to Spatz Corp. Stacked dispensing containers. 3,188,157, 6–8–65, Cl. 312—202.
Rand, William W. Subaqueous drilling apparatus. 3,177,954, 4–13–65, Cl. 175—7.
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Randall, Albert E. J.: *See*—
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Randall, Billy V.: *See*—
Lummus, James L., and Randall. 3,223,186.
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Freyermuth, Harlan B., Randall, and Buc. 3,170,914.
Freyermuth, Harlan B., Randall, and Buc. 3,193,546.
Randall, David I., and W. Schmidt-Nickels, to General Aniline & Film Corp. Dyeing with dyes having $CH_2SCH_2CH_2$-halide groups. 3,169,822, 2–16–65, Cl. 8—1.
Randall, David I., and W. Schmidt-Nickels, to General Aniline & Film Corp. Dyeing process. 3,183,053, 5–11–65, Cl. 8—54.2.
Randall, David I., and W. Schmidt-Nickels, to General Aniline & Film Corp. Copper phthalocyanine dyestuffs. 3,200,129, 8–10–65, Cl. 260—314.5.
Randall, David I., and E. Welch, to General Aniline & Film Corp. Removal of aldehydes from ethylene oxide. 3,213,113, 10–19–65, Cl. 260—348.
Randall, Dwight L., T. E. Hanley, O. K. Larison, and J. Kervitsky. Self-correcting hydrogen lamp. 3,180,990, 4–27–65, Cl. 250—83.3.
Randall, Frank E.: *See*—
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Randall, Harry. Gravity feed oven with selecting roller. 3,186,695, 6–1–65, Cl. 263—6.
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Randall, John H.: *See*—
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Randall, John W., to Baird-Ward Printing Co., Inc. Gripper control for wire stitcher head. 3,204,846, 9–7–65, Cl. 227—5.
Randall, Kenneth W., to Insley Mfg. Corp. Brake assemblies for heavy traveling machines. 3,189,130, 6–15–65, Cl. 188—77.
Randall, Kenneth W., to Insley Mfg. Corp. Clutch and brake with resilient operator. 3,198,301, 8–3–65, Cl. 192—17.
Randall, Kenneth W., and H. J. Vos, to Insley Mfg. Corp. Telescoping hoe boom. 3,184,085, 5–18–65, Cl. 214—138.
Randall, Ralph R., to Dualoc Engineering Co. Differential mechanism. 3,216,282, 11–9–65, Cl. 74—711.
Randall, Ralph S. Machine for vacuum sealing bags. 3,200,560, 8–17–65, Cl. 53—86.
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Randall, Steve. Wheeled desk with adjustable top. 3,211,113, 10–12–65, Cl. 108—9.
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Bernard, David W., and Randmer. 3,168,182.
Randol, Glenn T. Compound master cylinder for hydraulic brake systems. 3,166,907, 1–26–65, Cl. 60—54.6.
Randol, Glenn T. Hydraulic thrust-transmitting device. 3,168,812, 2–9–65, Cl. 60—54.6.
Randol, Glenn T. Detachable mounting means for flexible power-diaphragms. 3,168,855, 2–9–65, Cl. 92—99.
Randol, Glenn T. Compound master cylinder for hydraulic brake systems. 3,171,257, 3–2–65, Cl. 60—54.6.
Randol, Glenn T. Dual-cylinder hydraulic actuator for automotive brake systems. 3,172,265, 3–9–65, Cl. 60—54.6.
Randol, Glenn T. Compressed-air operated brake booster mechanism. 3,172,337, 3–9–65, Cl. 91—434.
Randol, Glenn T. Reaction-transmitting mechanism adapted for pressure differential motor use. 3,175,235, 3–30–65, Cl. 91—369.
Randol, Glenn T. Hydraulically-operated brake booster mechanism. 3,175,471, 3–30–65, Cl. 91—216.
Randol, Glenn T. Dual-cylinder hydraulic actuator for automotive clutch and brake control. 3,203,187, 8–31–65, Cl. 60—54.6.
Randol, Glenn T. Compensating valve means for master brake cylinders. 3,206,161, 9–14–65, Cl. 251—81.
Randol, Glenn T. Pressure differential operated brake booster device. 3,209,657, 10–5–65, Cl. 91—369.
Randol, Glenn T. Manually-adjustable reactive pressure control for brake booster motors. 3,209,658, 10–5–65, Cl. 91—369.
Randol, Glenn T. Pressure-differential operated brake booster mechanism. 3,212,408, 10–19–65, Cl. 91—369.
Randol, Kent B.: *See*—
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Randolph, Albert M., to United Gas Corp. Device for regulating multiple concurrent electrical pulses. 3,189,695, 6–15–65, Cl. 200—11.
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Randolph, Hollis L., to Robershaw Controls Co. Thermally responsive switch adapted to function as a high limit switch or as a fan switch with a fixed adjustable temperature differential. 3,188,433, 6–8–65, Cl. 200—138.
Randolph, Hollis L., to Robertshaw Controls Co. Dual element thermostatic control having calibration means. 3,189,713, 6–15–65, Cl. 200—138.
Randolph, Joseph P., Jr., H. B. Riblet, and J. W. Hamblen, to United States of America, Navy. Missile in flight indicator. 3,182,930, 5–11–65, Cl. 244—14.
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Kaatz, Herbert W., and Tobacman. 3,191,852.
Lindberg, Paul S. 3,193,190.
Lynch, John W. Re. 25,803.
Randolph, Nancy. Convertible hat. 3,214,769, 11–2–65, Cl. 2—171.
Randolph-Rand Corp.: *See*—
Reitzel, Georg. 3,165,225.
Randrup, Benjamin F., to John Burton Machine Corp. Spotting conveyor for bottles and the like and article for use therewith. 3,169,629, 2–16–65, Cl. 198—33.
Raney, Gerrel B., to R & R Mfg. Co. Telephone box catch. 3,209,994, 10–5–65, Cl. 232—1.
Raney, William E., to Sun Industries, Inc. Tool. 3,177,569, 4–13–65, Cl. 29—235.
Raney, William E., A. T. West, and H. C. Liebing; said West and said Liebing assors. to W. E. Raney. Optical measuring device. 3,167,869, 2–2–65, Cl. 33—201.
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Range, Alan L., to Automatic Telephone & Electric Co. Ltd. Signalling systems for the control of street traffic. 3,201,749, 8–17–65, Cl. 340—41.
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Cleaver, Albert L., Range, and McGowan. 3,210,878.
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Cook, Gordon H. 3,191,496.
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Starr, Arthur T. 3,198,976.
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Rankin, Alexander B. C., E. F. French, and H. W. Taylor, to Kelvin & Hughes Ltd. Ultrasonic testing of material. 3,183,709, 5–18–65, Cl. 73—67.5.
Rankin, Billy F., to Burton Parsons Chemicals, Inc. Contact lens treating solution. 3,171,752, 3–2–65, Cl. 106—194.
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Rankin, Edward C., deceased; M. A. Rankin, executor, to Brock and Rankin, Inc. Floating ring loose-leaf binder. 3,205,894, 9–14–65, Cl. 129—17.
Rankin, Mary A.: *See*—
Rankin, Edward C. 3,205,894.
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Jay, George, and Rankins. 3,185,074.
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Ranky, Bela, to The Singer Mfg. Co. Variable band width constant amplitude filter. 3,164,780, 1–5–65, Cl. 330—157.
Rannalli, Fred J., to J. B. Gambrell. Slot car racer. 3,195,472, 7–20–65, Cl. 104—60.
Rannenberg, George C., and J. S. Lovell, to United Aircraft Corp. Sublimator. 3,170,303, 2–23–65, Cl. 62—64.
Rannenberg, George C., and E. F. Doyle, to United Aircraft Corp. Combined insulating and cooling blanket. 3,180,111, 4–27–65, 62—467.
Rannenberg, George C., and R. R. Bawabe, to United Aircraft Corp. Refrigeration system with sublimator. 3,197,973, 8–3–65, Cl. 62—268.
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Banning, Thomas A., Jr., and Ranseen. 3,186,707.
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Ransley, Charles E., to The British Aluminum Co. Ltd. Method of producing current conducting elements. 3,186,044, 6–1–65, Cl. 22—202.

Ransley, Charles E., to The British Aluminium Co. Ltd. Current conducting element for aluminum reduction cells. 3,202,600, 8–24–65, Cl. 204—279.

Ransley, Charles E., to The British Aluminum Co. Ltd. Current conducting element for aluminum production cells. 3,215,615, 11–2–65, Cl. 204—279.

Ransom, Frank S., to Fredk A. Power & Sons Ltd. Strapping tools. 3,182,690, 5–11–65, Cl. 140—93.6.

Ransom, James R., and M. E. Olmstead, to The Bendix Corp. Pulse modulation communication system. 3,176,225, 3–30–65, Cl. 325—38.

Ransom, Maurice R.: *See*—
Musser, C Walton, and Ransom. 3,217,485.

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Ranson, Charles W. Fruit and vegetable washing device with vertical circulative flow and slanted inlet. 3,207,481, 9–21–65, Cl. 259—4.

Ranson, Charles W. Fruit and vegetable washing device with vertical circulative flow and ribbed cover. 3,207,482, 9–21–65, Cl. 259—4.

Ranson, Charles W. Fruit and vegetable washing device with vertical circulative flow and extendable body for submerged faucet connection. 3,207,483, 9–21–65, Cl. 259—4.

Ranson, Charles W. Fruit and vegetable washing device. 3,207,487, 9–21–65, Cl. 259—36.

Ranson, Charles W. Fruit and vegetable washing device with vertical circulative flow and perforated cover. 3,208,732, 9–28–65, Cl. 259—4.

Ranson, Charles W. Fruit and vegetable washing device with vertical circulative flow and lateral overflow ports. 3,212,758, 10–19–65, Cl. 259—36.

Ranson, Charles W. Fruit and vegetable washing device with vertical circulative flow and extendable body. 3,226,095, 12–28–65, Cl. 259—18.

Ranson, Charles W. Fruit and vegetable washing device with vertical circulative flow and faucet adapter. 3,226,096, 12–28–65, Cl. 259—18.

Ranson, Derek, to Imperial Chemical Industries Ltd. Polyethylene terephthalate stabilized with a condensation product of a phenol with an unsaturated aldehyde. 3,186,962, 6–1–65, Cl. 260—45.95.

Ranson, Derek, to Imperial Chemical Industries Ltd. Tris (hydroxyaryl) alkane compounds and processes for their preparation. 3,196,185, 7–20–65, Cl. 260—619.

Ranson, Richard R., to Cutler, Hammer, Inc. Remote control system. 3,204,169, 8–31–65, Cl. 318—264.

Räntsch, Kurt, to M. Hensoldt & Sohne, Optische Werke A.G. Optical device for a correct adjustment and reading of the length of a slidable displacement of the carriage on a length measuring device. 3,172,940, 3–9–65, Cl. 88—14.

Rantsch, Kurt, to M. Hensoldt & Sohne, Optische Werke Aktiengesellschaft. Noncontacting linear dimension optical measuring device. 3,174,392, 3–23–65, Cl. 88—14.

Rantsch, Kurt, and O. Ambrosius, to M. Hensoldt & Sohne, Optische Werke Aktiengesellschaft. Instrument for indicating the adjusted position of a sliding head in a machine tool. 3,164,819, 1–5–65, Cl. 340—212.

Rantsch, Kurt, and O. Trotscher, to M. Hensoldt & Sohne, Optische Werke, Aktiengesellschaft. Automatic indicating device for measuring scales in machine tools. 3,170,100, 2–16–65, Cl. 318—28.

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Ranum, Rolf I., to Whirlpool Corp. Atmosphere generating apparatus. 3,203,770, 8–31–65, Cl. 23—281.

Ranzau, Richard W. Pulverizing attachment for plows. 3,174,555, 3–23–65, Cl. 172—203.

Rao, Koppaka V., and W. S. Marsh, to Chas. Pfizer & Co., Inc. 1-(3′-indolyl)-1-[5′′- (2′′- methylimino)-4′′-keto-oxazolidinyl] ethane and acid addition salts thereof. 3,173,923, 3–16–65, Cl. 260—307.

Rao, Koppaka V., W. S. Marsh, and A. L. Garretson, to Chas. Pfizer & Co., Inc. Novel glutarimides. 3,214,431, 10–26–65, Cl. 260—281.

Rapala, Richard T., to Eli Lilly and Co. 6,16-difunctional progesterones. 3,197,489, 7–27–65, Cl. 260—397.1.

Rapaport, Gerald M., to American Toy and Furniture Co., Inc. Random play indicator for a game. 3,210,081, 10–5–65, Cl. 273—141.

Rapata, George M., to Illinois Tool Works Inc. Expandable fastener. 3,166,972, 1–26–65, Cl. 85—73.

Rapata, George M., to Illinois Tool Works, Inc. Flexible retainer with integral fastening means. 3,169,004, 2–9–65, Cl. 248—71.

Rapata, George M., to Illinois Tool Works Inc. Plastic fastener having web-like reinforcing means. 3,169,439, 2–16–65, Cl. 85—5.

Rapata, George M., to Illinois Tool Works Inc. Molding clip. 3,178,786, 4–20–65, Cl. 24—73.

Rapata, George M., to Illinois Tool Works Inc. Plastic quarter turn shelf support. 3,179,367, 4–20–65, Cl. 248—239.

Rapata, George M., to Illinois Tool Works, Inc. Coil tuner rod. 3,182,516, 5–11–65, Cl. 74—10.85.

Rapata, George M., to Illinois Tool Works Inc. Tuning core grommet. 3,182,544, 5–11–65, Cl. 85—80.

Rapata, George M., to Illinois Tool Works, Inc. Plastic fastener. 3,200,694, 8–17–65, Cl. 85—82.

Rapata, George M., to Illinois Tool Works, Inc. Container package. 3,200,944, 8–17–65, Cl. 206—65.

Rapata, George M., to Illinois Tool Works, Inc. Plastic sealing washer and fastener assembly. 3,203,304, 8–31–65, Cl. 85—83.

Rapazzini, Silvano, and A. Cipelletti. Ice cream freezer and dispenser. 3,196,633, 7–27–65, Cl. 62—342.

Raphael, Julius, to Al-Ray Meg. Co. Hanger for use in combination with showers and the like. 3,181,702, 5–4–65, Cl. 211—119.

Raphael, Sally F. Necklace with means for shortening the effective length thereof. 3,170,311, 2–23–65, Cl. 63—2.

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Sgriccia, Mario T., Brown, and McGow. 3,203,530.
Sgriccia, Mario T., and McGow. 3,164,244.

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Rapoport, Henry: *See*—
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Rapoport, Henry, to California Research Corp. Bis-nitrogen heterocyclic compounds and a method of their preparation. 3,164,599, 1–5–65, Cl. 260—288.

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Rapp, Guenther, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of caprylic lactam. 3,167,542, 1–26–65, Cl. 260—239.3.

Rapp, Hans, to Maschinenbau Rapp and Seidt. Process for breaking compressed fibrous material. 3,204,298, 9–7–65, Cl. 19—145.5.

Rapp, Harry M. Roofing method. 3,189,498, 6–15–65, Cl. 156—71.

Rapp, Vincent Q. Apparatus for cooling, drying and storing compressed gas. 3,180,072, 4–27–65, Cl. 55—269.

Rappaport, Julian: *See*—
Thomas, Joe E., and Rappaport. 3,168,187.

Rappaport, Max. Tablet counter and packaging unit. 3,206,062, 9–14–65, Cl. 221—7.

Rappaport, Paul, and E. Pasierb, Jr., to Radio Corp. of America. Multi-junction negative resistance semi-conducting devices. 3,187,193, 6–1–65, Cl. 307—88.5.

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Rappold, Armin, to International Standard Electric Corp. Contrast control arrangement for television receivers providing non-linear gray scale. 3,187,095, 6–1–65, Cl. 178—7.3.

Rappold, Hermann, & Co. G.m.b.H.: *See*—
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Rappold, Hermann, J. Uerlichs, and R. Müller, to Hermann Rappold & Co. G.m.b.H. Welded slide valve casing with sealing face supporting means. 3,202,171, 8–24–65, Cl. 137—340.

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Taylor, Thomas T., Kelly, and Rappold. 3,195,943.

Rappoldt, Menso P., to North American Philips Co., Inc. Method of producing 10α-methyl steroids. 3,219,565, 11–23–65, Cl. 204—162.

Rappolt, Werner, to G. Galic. Carburetor arrangement. 3,174,469, 3–23–65, Cl. 123—119.

Rapprich, David D., and F. J. Holewinski, to The Brush Beryllium Co. Apparatus for forming powdered metal into sintered hollow bodies. 3,189,942, 6–22–65, Cl. 18—16.

Rapsis, Michael J.: *See*—
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Rapson, Bryan, to Aluminium Laboratories Ltd. Method of improving arc stability when arcing between an electrode and a pool of molten metal. 3,169,854, 2–16–65, Cl. 75—10.

Rapson, William J., Jr., to The Scott Corp. Detection of conduit leaks. 3,191,427, 6–29–65, Cl. 73—40.5.

Raquet, Armin, to Guss- und Armaturwerk Kaiserslautern, Firma. Manhole cover construction. 3,218,942, 11–23–65, Cl. 94—34.

Rarey, Robert S., and E. L. Johnson, to General Motors Corp. Electrical connector. 3,223,963, 12–14–65, Cl. 339—259.

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Luckey, George W., and Rasch. 3,189,454.
Tregillus, Leonard W., Rasch, and Wyand. 3,179,517.

Rasch, Arthur A., to Eastman Kodak Co. Process for forming metallic nonsilver images. 3,222,175, 12–7–65, Cl. 96—36.

Raschig, Dr. F., G.m.b.H.: *See*—
Mathes, Wilhelm, and Da Vanzo. 3,198,803.

Rascov, Anthony. Compression stabilizing valve for four cycle engines. 3,180,326, 4–27–65, Cl. 123—75.

Raser, Edward J., and W. H. Thomas, to International Business Machines Corp. Data processing system. 3,197,738, 7–27–65, Cl. 340—172.5.

Raskhodoff, Nicholas M., to United States of America, Navy. Module cooling system. 3,224,221, 12–21–65, Cl. 62—414.

Raskin, Seymour H., to Railroad Machinery Development Corp. System and method of weighing coupled railroad cars in motion. 3,172,490, 3–9–65, Cl. 177—1.

Raskin, Walter, to Dean Products, Inc. Heat exchange panel and method of making same. 3,220,472, 11–30–65, Cl. 165—172.

Rasmussen, Anker. Rock-gathering machine. 3,205,949, 9–14–65, Cl. 171—63.

Rasmussen, Arnold A. and G. I. Ashtray. 3,215,146, 11–2–65, Cl. 131—235.

Rasmussen, Carlton A., and P. E. Jaquish, to General Motors Corp. Variable ratio drive. 3,206,930, 9–21–65, Cl. 60—53.

Rasmussen, Clifford L. Valving method which includes reforming the seat material. 3,195,552, 7–20–65, Cl. 137—15.

Rasmussen, Don R.: *See*—
Rasmussen, Richard E. 3,200,518.

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Reddie, William A., E. R. Werlein, and H. A. Simon, to Magnet Cove Barium Corp. Freeing stuck pipe. 3,217,802, 11–16–65, Cl. 166—44.
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Lamberton, Ralph E., Lowther, and Redding. 3,186,631.
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Redfield, John M., to Califoam Corporation of America. Cutting method. 3,199,388, 8–10–65, Cl. 83—16.
Redfield, Paul H. Cleaning attachment for mixers. 3,186,020, 6–1–65, Cl. 15—230.19.
Redford, Edward L., to Belgo International. Cigar tip. 3,204,643, 9–7–65, Cl. 131—187.
Redford, Lloyd H., and A. M. Garcia, to Earl C. Gibbs Inc. Controlled decline elevator work station apparatus for carcass splitting and the like. 3,168,937, 2–9–65, Cl. 182—14.
Redhead, Paul A., to National Research Council. Porous adsorber bodies for use in desorption spectrography. 3,174,-325, 3–23–65, Cl. 73—23.
Redhead, Paul A., to National Research Council. Ion pump. 3,176,906, 4–6–65, Cl. 230—69.
Redhead, Paul A., to National Research Council. Ion pump. 3,176,907, 4–6–65, Cl. 230—69.
Redhed, David D. Displacement measuring apparatus. 3,173,213, 3–16–65, Cl. 33—172.
Redican, Francis W., L. R. Blair, J. C. Yang, and R. J. Gorman, to Johns-Manville Corp. Manufacture of asbestos-cement products. 3,219,467, 11–23–65, Cl. 106—90.
Redick, David C., W. C. Shaw, and A. D. Heiny, to General Motors Corp. Brush rigging for dynamoelectric machines. 3,219,860, 11–23–65, Cl. 310—240.
Rediker, Robert H.: *See*—
Melngailis, Ivars, Calawa, and Rediker. 3,167,663.
Redi-Knot Tie Clip Corp.: *See*—
Phillips, Robert, and Centrella. 3,221,343.
Redin, Gunnar S.: *See*—
Thomas, John P., Wilkinson, Redin, and Shepherd. 3,192,113.
Reding, Frederick P., to Union Carbide Corp. Blends of low molecular weight, highly branched polyethylenes with high molecular weight, sparsely branched polyethylenes. 3,183,-283, 5–11–65, Cl. 260—897.
Reding, Frederick P., and E. W. Wise, to Union Carbide Corp. Copolymerization process using a free-radical catalyst. 3,197,449, 7–27–65, Cl. 260—88.2.
Reding, Marcel, and W. Bossard, to J. R. Geigy, A.-G. Reactive disazo dyestuffs. 3,196,145, 7–20–65, Cl. 260—153.
Redington Counters, Inc.: *See*—
Stolarz, Edward M. 3,219,268.
Redington, Rowland W., and P. J. van Heerden, to General Electric Co. Electron optics for infrared camera tubes. 3,185,891, 5–25–65, Cl. 313—65.
Rediske, John H., and W. H. Lawrence. Method for protecting growing plants against animal damage. 3,226,291, 12–28–65, Cl. 167—46.
Red Jacket Mfg. Co.: *See*—
Brown, Marvin A. 3,176,379.
Brown, Marvin A., and Deters. 3,175,125.
Brown, Marvin A., Deters, and Youch. 3,172,572.
Brown, Marvin A., and Dries. 3,175,277.
Deters, Elmer M. 3,183,723.
Deters, Elmer M., and Youch. 3,172,567.
Deters, Elmer M., and Youch. 3,197,085.
Redlich, Earl J. Anchor. 3,173,524, 3–16–65, Cl. 189—92.
Redlich, Horst, to Teldec Telefunken-Decca Schallplatten G.m.b.H. Stereophonic transducer with adjustable feedback coils. 3,194,896, 7–13–65, Cl. 179—100.41.
Redlich, Horst, and H.-J. Klemp, to Teldec Telefunken-Decca Schallplatten G.m.b.H. Controller. 3,169,773, 2–16–65, Cl. 274—4.
Redman, Frank B., to Hamilton Watch Co. Coil winding apparatus. 3,164,336, 1–5–65, Cl. 242—158.
Redman, George F., to Revere Electric Mfg. Co. Pole setting jack. 3,210,048, 10–5–65, Cl. 254—101.
Redman Industries, Inc.: *See*—
Hammar, Herbert G. 3,188,694.
Redmayne, Leonard, to Girling Ltd. Shoe drum brakes. 3,191,722, 6–29–65, Cl. 188—78.
Redmer, Wilbert W., to Abbott Laboratories. Flow regulating device. 3,167,085, 1–26–65, Cl. 137—315.
Redmond, Elbert O., to Sebring Container, Inc. Angular shaped container. 3,176,901, 4–6–65, Cl. 229—39.
Redmond, Harmon G.: *See*—
Hamilton, Allen R., and Redmond. 3,197,122.
Redmond, John A.: *See*—
Jablonski, Eugene, and Redmond. 3,211,881.
Redner, Salomon, to The Budd Co. Load cell independent of non-axial loading effects. 3,164,014, 1–5–65, Cl. 73—141.
Redner, Salomon, to Photolastic, Inc. Polariscope having simultaneously rotatable waveplates. 3,177,761, 4–13–65, Cl. 88—14.
Redner, Salomon, to The Budd Co. Direct reading uniaxial photoelastic transducer. 3,198,063, 8–3–65, Cl. 88—14.
Red Owl Stores, Inc.: *See*—
McMahon, Michael J. 3,176,899.
Redstone, Reuben, and M. C. Rowland, to United States of America, Atomic Energy Commission. Target for a neutron generator consisting of a coating of one of the lanthanon elements on a base metal. 3,167,655, 1–26–65, Cl. 250—84.5.
Redtenbacher, Kurt. Pre-fabricated dental frame model with a seal facilitating groove. 3,224,050, 12–21–65, Cl. 22—158.
Redwood, Richard C., Jr., to Honeywell Inc. Transistor amplifier including gain control and temperature sensitive means. 3,204,191, 8–31–65, Cl. 330—17.
Ree, John F.: *See*—
Huck, William F., and Ree. 3,199,675.
Reeber, Rudolf, to G. M. Pfaff, A.G. Drive mechanism for feed dogs of sewing machines. 3,195,487, 7–20–65, Cl. 112—215.
Reeber, Rudolf, to G. M. Paff, AG. Stitch control mechanism for sewing machines with combined lower and upper feed. 3,198,154, 8–3–65, Cl. 112—210.
Reeber, Rudolf, to G. M. Pfaff A.G. Automatic sewing and the like apparatus. 3,208,415, 9–28–65, Cl. 112—2.
Reeber, Rudolf, H. Adam, and H. Orth, to G. M. Pfaff, A.G. Program-controlled automatic sewing apparatus. 3,208,-414, 9–28–65, Cl. 112—2.
Reed, Buckley R.: *See*—
Lauren, Bernard R., and Reed. 3,188,437.
Reed, Charles B.: *See*—
Barnes, Lawrence V., Jr. 3,191,199.
Reed, Charles B., and C. G. Sutter, to Sperry Rand Corp. Self checking gyroscopic apparatus. 3,186,211, 6–1–65, Cl. 73—1.
Reed, Charles F. Jet suspension. 3,168,875, 2–9–65, Cl. 104—134.
Reed, Charles F. Hair curler having preformed desiccant insert. 3,175,562, 3–30–65, Cl. 132—39.
Reed, Charles H.: *See*—
Levine, Morris, and Reed. 3,175,991.
Reed, Charles W., to Socony Mobil Oil Co., Inc. Time delay motor starting system. 3,191,114, 6–22–65, Cl. 318—472.
Reed, Christian H. Line truck lift for elevating lineman to overhead power lines. 3,166,153, 1–19–65, Cl. 182—2.
Reed, Clair S., to Van Dresser Specialty Corp. Pad-type cushion structure for a seat. 3,174,164, 3–23–65, Cl. 5—354.
Reed, David A., Jr., to North American Aviation, Inc. Rotary wing aircraft. 3,175,619, 3–30–65, Cl. 170—160.13.
Reed, David D.: *See*—
Petersen, James M., Kluge, and Reed. 3,201,441.
Petersen, James M., Reed, and Kluge. 3,201,439.
Petersen, James M., Reed, and Kluge. 3,213,123.
Reed, David D., to Texaco Inc. Method of producing a monoester of a hydrocarbyl thiophosphonic acid and a polyalkylene glycol. 3,201,438, 8–17–65, Cl. 260—461.
Reed, David D., J. M. Petersen, and H. D. Kluge, deceased (by H. E. Kluge, administratrix), to Texaco Inc. Dihydroxyalkoxyhydrocarbyl hydrocarbonthiophosphonates. 3,164,-624, 1–5–65, Cl. 260—461.
Reed, David D., J. M. Petersen, and H. D. Kluge, deceased (by H. H. Kluge, administratrix), to Texaco Inc. Haloalkyldihydroxyoxahexyl hydrocarbonthiophosphonates. 3,201-, 440, 8–17–65, Cl. 260—461.
Reed, David Q.: *See*—
Knight, Sheldon A. 3,206,751.
Reed, David S., R. E. Dickey, and R. L. Bescher, Jr., to Remington Arms Co., Inc. Ammunition sabot. 3,164,092, 1–5–65, Cl. 102—93.
Reed, Donald E.: *See*—
Arms, Milo F., and Reed. 3,179,110.
Reed, Edgar, 2nd. Bit end of tool for driving screw fasteners. 3,211,199, 10–12–65, Cl. 145—50.
Reed, Edward L.: *See*—
Dudek, Joseph A., and Reed. 3,170,847.
Dudek, Joseph A., and Reed. 3,197,389.
Reed, Edwin E.: *See*—
Beazer, Charles W., Reed, and Kleinmann. 3,165,236.
Dyer, Alvah F., Reed, and Bennett. 3,164,359.
Reed, Edwin E., to Phillips Petroleum Co. Volatile liquid or liquefied gas storage, refrigeration, and unloading process and system. 3,210,953, 10–12–65, Cl. 62—54.
Reed, Edwin G., Jr. Air-delivered anti-personnel mine. 3,175,489, 3–30–65, Cl. 102—8.
Reed, Edwin G., Jr. Bomb suspension cable. 3,195,459, 7–20–65, Cl. 102—7.2.
Reed, Edwin G., Jr. Destructible magnetic switch. 3,205,-322, 9–7–65, Cl. 200—61.08.
Reed Electromech Corp.: *See*—
Gecewicz, Norbert A. 3,180,343.
Rumer, David O., Jr., and Patterson. 3,204,648.
Wright, Joseph E., Jr. 3,204,131.
Reed, Frederick P., to United States of America, Army. Multimagazine, two-stage feeding device for firearms. 3,190,023, 6–22–65, Cl. 42—18.
Reed, Frederick P., to United States of America, Army. Switching device for a tandem-type magazine feeding system. 3,196,568, 7–27–65, Cl. 42—18.
Reed, George A., to The Oxford Corp. Viewing device having optical arrangement producing virtual image at infinity. 3,190,171, 6–22–65, Cl. 88—1.
Reed, George R., to Dana Corp. Transmission testing machine. 3,195,350, 7–20–65, Cl. 73—162.
Reed, Hugh W. B., to Imperial Chemical Industries Ltd. Polyvinyl chloride compositions stabilized with a tris hydroxy phenyl-propane. 3,205,189, 9–7–65, Cl. 260—31.8.
Reed, James E.: *See*—
Kellner, Jackson M., Reed, and Hildebrandt. 3,180,436.
Reed, Kenneth G.: *See*—
Gordon, Stuart, Reed, and Russell. 3,202,730.
Reed, Malcolm E., to National Research Corp. High torque, high speed rotary feed-through seal for ultrahigh vacuum chambers. 3,181,873, 5–4–65, Cl. 277—3.
Reed, Martin C.: *See*—
Tatter, Ernest O. P., Reed, and Baillie. 3,212,784.
Reed, Martin C., to Warwick Electronics Inc. Spindle adapter. 3,191,943, 6–29–65, Cl. 274—10.

Reed, Norman M., to Development Consultants, Inc. Snow vehicle. 3,190,670, 6–22–65, Cl. 280—18.
Reed Paper Group Ltd.: *See*—
Humphrey, Leslie F., Chapman, and Weatherup. 3,206,-094.
Reed, Peter M. Resilient clips for mounting panels. 3,213,-582, 10–26–65, Cl. 52—358.
Reed, Philip W.: *See*—
Dew, John N., and Reed. 3,170,513.
Dew, John N., and Reed. 3,203,481.
Reed, Ralph H.: *See*—
Doukas, George, and Reed. 3,185,754.
Reed, Raymond J., to Raleigh Industries Ltd. Twist grip controls. 3,218,879, 11–23–65, Cl. 74—489.
Reed, Reginald A., to Cutler-Hammer, Inc. Conveyed article controlling devices. 3,164,239, 1–5–65, Cl. 198—20.
Reed, Richard F.: *See*—
Gelzer, John R., and Reed. Re. 25,834.
Reed, Richard S., and K. W. Nelson, to Columbian Carbon Co. Agglutination of pigments and polymers. 3,178,390, 4–13–65, Cl. 260—41.5.
Reed, Robert D.: *See*—
Zink, John S., and Reed. 3,182,712.
Zink, John S., and Reed. 3,207,201.
Reed, Robert D., to John Zink Co. Multiple fuel burner. 3,164,200, 1–5–65, Cl. 158—11.
Reed, Robert D., to John Zink Co. Fluid fuel burner assembly. 3,179,151, 4–20–65, Cl. 158—1.5.
Reed, Robert D., to John Zink Co. Apparatus for supplying air to fuel burner. 3,180,393, 4–27–65, Cl. 158—1.5.
Reed, Robert D., to John Zink Co. Liquid and gaseous fuel burner assembly producing a fan-shaped flame. 3,180,395, 4–27–65, Cl. 158—11.
Reed, Robert D., to John Zink Co. Direct fired air heater. 3,185,458, 5–25–65, Cl. 263—19.
Reed, Robert D., to John Zink Co. Burner for gaseous fuels. 3,202,203, 8–24–65, Cl. 158—116.
Reed, Robert D., to John Zink Co. Burner head for gaseous fuel. 3,204,684, 9–7–65, Cl. 158—116.
Reed, Robert D., and J. S. Zink, to John Zink Co. Combination oil and/or gaseous fuel burner. 3,174,527, 3–23–65, Cl. 158—11.
Reed, Robert D., and H. Goodnight, to John Zink Co. Gas and liquid fuel burner combination. 3,217,779, 11–16–65, Cl. 158—11.
Reed, Robert E.: *See*—
Larsen, Leonard O., and Reed. 3,216,123.
Reed, Robert J. Car-top tent structure. 3,202,159, 8–24–65, Cl. 135—1.
Reed, Roland R. Golf club carrying apparatus. 3,215,181, 11–2–65, Cl. 150—1.5.
Reed Roller Bit Co.: *See*—
Boice, Elvin G. 3,186,500.
Hoza, Martin D., and Boyd. 3,212,590.
Livermont, Frank W. 3,168,944.
Livermont, Lawrence H. 3,202,021.
Scarborough, William E. 3,208,537.
Reed, Ronald A.: *See*—
Argyle, Christopher S., and Reed. 3,196,163.
Reed, Ronald L., to Gulf Research & Development Co. Process for completing wells in unconsolidated formations by reverse in situ combustion. 3,182,722, 5–11–65, Cl. 166—25.
Reed, Ronald L., and J. J. Taber, to Gulf Research & Development Co. Controlled viscosity fracturing fluids. 3,179,172, 4–20–65, Cl. 166—42.
Reed, Roscoe G.: *See*—
Shea, Donald P., and Reed. 3,189,422.
Reed, Selmar A. Garbage receptacle rack. 3,167,185, 1–26–65, Cl. 211—84.
Reed, Spencer D., to Sensing Devices, Inc. Sensing brush assembly. 3,172,982, 3–9–65, Cl. 200—166.
Reed, Stanley F., and G. W. Cook, to Pitney-Bowes, Inc. Apparatus for separating and feeding sheet-like articles. 3,182,796, 5–11–65, Cl. 209—73.
Reed, Theodore M., to Pacific Outdoor Advertising Co. Rotatable indicia-bearing vanes for signboards. 3,199,239, 8–10–65, Cl. 40—76.
Reed, Theron J., to American Planter Co. Flow diverting mechanism for vertically disposed conveyor tubes. 3,184,-036, 5–18–65, Cl. 198—68.
Reed, Thomas S., and H. B. Taylor, to Ingersoll-Rand Co. Air return system for air feed drill. 3,195,658, 7–20–65, Cl. 173—158.
Reed, Wayne D., to Honeywell Inc. Controlling apparatus. 3,222,995, 12–14–65, Cl. 91—359.
Reed, Willard C.: *See*—
Vogt, Joseph H., Young, and Reed. 3,192,069.
Reed, William C., to The Thermal Syndicate Ltd. Photoelectric apparatus to detect liquid level. 3,192,392, 6–29–65, Cl. 250—227.
Reed, William C., to The Thermal Syndicate Ltd. Method for the rapid, continuous and accurate determination of the size of stationary and moving objects. 3,218,389, 11–16–65, Cl. 178—6.
Reed, Willis E. Dispenser. 3,171,570, 3–2–65, Cl. 222—23.
Reed, Wilmer L.: *See*—
Noble, Paul, Jr., Reed, and Borgardt. 3,180,899.
Reed, Winston H.: *See*—
Compton, Jack, Reed, and Buell. 3,190,724.
Reed, Winston H., to General Aerosols, Inc. Starch composition and aerosol formed therefrom. 3,211,563, 10–12–65, Cl. 106—213.
Reeder, Earl: *See*—
Rachlin, Albert I., Reeder, and Sternbach. 3,215,694.
Reeder, Earl, and L. H. Sternbach, to Hoffman-La Roche Inc. Substituted 5-phenyl-3H-1,4-benzodiazepines and hydrogenation products thereof. 3,177,201, 4–6–65, Cl. 260—239.
Reeder, Earl, and L. H. Sternbach, to Hoffmann-La Roche Inc. Process for preparing benzodiazepine compounds. 3,222,359, 12–7–65, Cl. 260—239.
Reeds, John W., Jr., to Beckman Instruments, Inc. Hygrometer. 3,223,609, 12–14–65, Cl. 204—195.
Reef, Jan. Gear teeth checking gage. 3,167,867, 2–2–65, Cl. 33—179.5.
Reef, Jan. Method of assembling a slidable blade and ball bearings within a guide. 3,220,091, 11–30–65, Cl. 29—148.4.
Reegen, Sidney L.: *See*—
Murphy, Thomas E., and Regen. 3,171,823.
Reek, Robert J., to Teletype Corp. Transistorized distributor or counter having particular impedance connections between collectors and bases. 3,210,569, 10–5–65, Cl. 307—88.5.
Reekie, James, and S. P. Clarke, to Semiconductors Ltd. Semiconductors. 3,164,885, 1–12–65, Cl. 29—25.3.
Reel, Bernard J., to Atomic Energy of Canada Ltd. Patching board. 3,225,322, 12–21–65, Cl. 339—18.
Reelco Inc.: *See*—
Martinez, Eugene, and Kapilow. 3,211,393.
Reeme, Mahan L.: *See*—
Walters, William T., and Reeme. 3,209,243.
Reemtsma, H. F. & Ph. F.: *See*—
Zorner, Johannes. 3,204,816.
Reerink, Engbert H., P. Westerhof, and H. F. L. Schöler, to North American Philips Co., Inc. 10α methyl, 9β hormonal steroids. 3,198,792, 8–3–65, Cl. 260—239.55.
Rees, Andrew M., Jr. Pavement laying apparatus. 3,199,422, 8–10–65, Cl. 94—22.
Rees, Elsie G.: *See*—
Rees, Frank X. 3,204,322.
Rees, Frank X., deceased, by E. G. Rees, executrix, to General Signal Corp. Electrical surge bypass unit. 3,204,322, 9–7–65, Cl. 29—25.11.
Rees, James C.: *See*—
Baird, Roger P., Jr., and S. and J. Rees. 3,175,564.
Rees, John H. Carbon monoxide eliminator. 3,170,280, 2–23–65, Cl. 60—30.
Rees, Mackworth G.; Division of Avis Industrial Corp.: *See*—
Arnold, John E., and Bosch. 3,215,806.
Rees, Richard W., to E. I. du Pont de Nemours and Co. Blends of linear polyethylene and ethylene-vinyl acetate copolymer. 3,182,101, 5–4–65, Cl. 260—885.
Rees, Richard W., to Shawinigan Chemicals Ltd. Polymer emulsions with vinyl acetate-polyoxyalkylene compound copolymer as stabilizer. 3,218,281, 11–16–65, Cl. 260—29.6.
Rees, Roy L. Speed control system. 3,212,484, 10–19–65, Cl. 123—102.
Rees, Vernon C., to Owens-Corning Fiberglas Corp. Constant tensioning packaging system. 3,202,377, 8–24–65, Cl. 242—75.5.
Rees, William W., and W. H. Russell, to Eastman Kodak Co. Silver halide emulsion desensitized with a tetraalkyl thiuram disulfide. 3,184,313, 5–18–65, Cl. 96—101.
Reese, Elmer E., and T. E. Stark, to General Motors Corp. Retainer clip. 3,178,987, 4–20–65, Cl. 85—8.8.
Reese, Frank L.: *See*—
Colclaser, Robert G., Jr., and Reese. 3,179,775.
Colclaser, Robert G., Jr., and Reese. 3,214,555.
Reese, Günter: *See*—
Berth, Peter, and Reese. 3,202,579.
Reese, James R., to D. G. Griswold. Bulk loading valve and control means therefor. 3,177,891, 4–13–65, Cl. 137—495.
Reese, James R., to D. G. Griswold. Combination rate-of-flow and modulating flow-controlled valve and water system. 3,205,907, 9–14–65, Cl. 137—389.
Reese, Johannes, and B. Brahler, to Chemische Werke Albert. Lubricating oil additives. 3,220,948, 11–30–65, Cl. 252—46.6.
Reese, Lawrence C., Sr.: *See*—
Edwards, Robert N., and Reese. 3,225,882.
Reese Metal Weatherstrip Co.: *See*—
Ellingson, Chester W., Jr., and Lingenfelder. 3,214,879.
Reese, Robert J.: *See*—
Kolts, William F., and Reese. 3,170,640.
Reese, Stanton L., and T. C. Runion, to W. R. Grace & Co. Uranium processing. 3,168,369, 2–2–65, Cl. 23—14.5.
Reese, Terrell J. Load transfer hitch for vehicles. 3,185,499, 5–25–65, Cl. 280—406.
Reese, Terrell J. Load transferring trailer hitch. 3,194,584, 7–13–65, Cl. 280—406.
Reese, Thomas J.: *See*—
Shaffer, Paul D., and Reese. 3,206,294.
Reesen, Jorgen, to Eastman Kodak Co. Electro-optical photometer. 3,170,022, 2–16–65, Cl. 88—14.
Reetz, Theodor, and J. F. Powers, to Monsanto Co. 1,3,2-oxazaphospholidine and 1,3,2-oxazaphosphorinanne phosphorus ester compounds. 3,172,903, 3–9–65, Cl. 260—461.
Reeve, John E., and F. J. Kingsman, to G. Hopkins & Sons Ltd. Cask cleansing and filling systems. 3,166,106, 1–19–65, Cl. 141—91.
Reeves Bros., Inc.: *See*—
Erlich, Victor L., and Teague. 3,219,043.
Reeves, Charles E. G., to Falcon Alarm Co. Audible time-controlled alarm device. 3,168,886, 2–9–65, Cl. 116—24.

Reeves, Howard F., Jr.: *See*—
Griscom, Richard W., Ingwalson, and Reeves. 3,198,784.
Reeves Industries, Inc.: *See*—
Hicks, Walter R. 3,203,333.
Reeves, John D.: *See*—
Conklin, Charles S., and Reeves. 3,165,234.
Reeves, John L. Grapple for sunken logs. 3,178,215, 4–13–65, Cl. 294—66.
Reeves, John P.: *See*—
McCoy, James R., and Reeves. 3,177,943.
Reeves, Pierce E.: *See*—
Foster, Leigh C., and Reeves. 3,171,030.
Reeves, Robert E., and H. V. Jones, Jr., to Inland Container Corp. Self locking box. 3,178,096, 4–13–65, Cl. 229—39.
Reeves, William E. Invalid chair. 3,186,759, 6–1–65, Cl. 297—188.
Reeves, Wilson A.: *See*—
Drake, George L., Jr., Perkins, and Reeves. 3,197,269.
Vail, Sidney L., Frick, and Reeves. 3,198,660.
Ref Dynamics Corp.: *See*—
Wulfken, Joseph J. 3,225,558.
Refaccionaria de Molinos, S.A.: *See*—
Garces, Felipe S. 3,187,894.
Reffell, Brian R. A., to The Walter Kidde Co., Ltd. Parachute 3,167,279, 1–26–65, Cl. 244—145.
Reffell, Brian R. A., to The Walter Kidde Co. Ltd. Escape system. 3,175,790, 3–30–65, Cl. 244—122.
Reffell, Brian R. A., to The Walter Kidde Co. Ltd. Inflatable dinghies. 3,212,111, 10–19–65, Cl. 9—11.
Reffell, Brian R. A., to The Walter Kidde Co. Ltd. Inflatable dinghy systems. 3,212,112, 10–19–65, Cl. 9—11.
Reffell, Brian R. A., and L. A. Clay-Smith, to The Walter Kidde Co. Ltd. Inflation apparatus. 3,198,020, 8–3–65, Cl. 74—2.
Reflector-Hardware Corp.: *See*—
Levy, Edward M., Swan, and Lopatka. 3,169,810.
Refractories Institute, The: *See*—
McRitchie, Frank H. 3,178,935.
Refractory & Insulation Corp.: *See*—
Arwine, Alva S. 3,182,915.
Clark, Horace N. 3,171,658.
Cooper, Roland S., and Winklepleck. 3,216,180.
Daily, William B., and Hawley. 3,195,293.
Klemperer, Hans. 3,192,688.
Refrigerating Specialties Co.: *See*—
Hansen, Charles C. 3,189,041.
Refrigeration Engineering Corp.: *See*—
Martin, Walter H. 3,173,276.
Refrigeration Research Inc.: *See*—
Bottum, Edward W. 3,212,289.
Reftmark, Karl S., to North American Philips Co., Inc. Smoothing circuit for magnetic field generator in series with A.C.-operated magnetron. 3,193,727, 7–6–65, Cl. 315—200.
Regan, Edmond J., to Raytheon Co. Electric terminal device. 3,221,293, 11–30–65, Cl. 339—253.
Regan, Edward V. B. Auxiliary seat for vehicles. 3,220,769, 11–30–65, Cl. 297—384.
Regan Forge & Engineering Co.: *See*—
Regan, John, and Miller. 3,203,358.
Regan Industries, Inc.: *See*—
Regan, William E. 3,195,235.
Regan, John, and L. Miller, to Regan Forge & Engineering Co. Fluid flow control apparatus. 3,203,358, 8–31–65, Cl. 103—203.
Regan, John P., and C. M. Wytalik, to Inland Steel Products Co. Metal stitching apparatus. 3,170,161, 2–23–65, Cl. 1—152.
Regan, Paul E., Jr.: *See*—
Lewis, Norman F., and Regan. 3,206,018.
Regan, Thomas J.: *See*—
Clancey, James T., Regan, and Wasp. 3,203,465.
Phinney, John A., Clancey, Regan, and Wasp. 3,168,350.
Regan, William E., to Regan Industries, Inc. Ruling instrument. 3,195,235, 7–20–65, Cl. 33—109.
Regel, Erik K., to Chemagro Corp. Method of defoliating plants. 3,193,372, 7–6–65, Cl. 71—2.3.
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Reicheneder, Franz, K. Dury, deceased; by J. M. Dury, heiress-at-law, A. Fischer, and H. Stummeyer, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Azido-pyridazones. 3,210,354, 10–5–65, Cl. 260—250.
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Reid, James S., and H. W. Brock, to The Standard Products Co. Carburetor. 3,188,062, 6–8–65, Cl. 261—41.
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Huffman, Samuel A., Haley, and Judkins. 3,199,856.
McKnight, Kenneth W., and Virant. 3,224,581.
Velcheff, Donald J. 3,180,581.
Resh, Kyle W., to Continental Oil Co. Secondary plasticizer. 3,211,690, 10–12–65, Cl. 260—31.8.
Resh, Roy E., Jr., to Carrier Corp. Control systems. 3,204,-423, 9–7–65, Cl. 62—215.
Resh, Roy E., Jr., to Carrier Corp. Over-temperature protection system for a dynamoelectric machine. 3,205,405, 9–7–65, Cl. 317—13.
Resiflex Laboratory: *See*—
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Breece, Lee K., Jr. 3,200,415.
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Press, Irving D. 3,218,096.
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Resner, David R.: *See*—
Ascherl, Robert J., Hubbard, Resner, and Oak. 3,195,-930.
Resnick, Hyman, and L. Shnidman. Reservoir safety razor. 3,176,391, 4–6–65, Cl. 30—41.
Resnick, Joseph V., to International Research & Development Co. Method of coating a blowing agent onto the surface of polystyrene pellets. 3,185,588, 5–25–65, Cl. 117—100.
Resnick, William: *See*—
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Resnik, George A.: *See*—
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Respini, Eugene M. Net supporting arrangement. 3,195,898, 7–20–65, Cl. 273—181.
Ress, Thomas I.: *See*—
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Ress, Thomas I., to International Business Machines Corp. Photosensitive electro-optical calculating machine. 3,188,-474, 6–8–65, Cl. 250—209.
Ressler, Erhard O., to Avco Corp. Stabilized direct current to alternating current analog converter. 3,222,618, 12–7–65, Cl. 331—113.
Ressler, Hugh C.: *See*—
Smith, John W., Shaler, and Ressler. 3,173,993.
Ressler, Hugh C., to Hogan Faximile Corp. Photosensitive scanner with automatic range control. 3,192,390, 6–29–65, Cl. 250—227.
Ressler, Hugh C., to Hogan Faximile Corp. Photosensitive fiber optic scanner. 3,192,391, 6–29–65, Cl. 250—227.
Restaino, Anthony A., to Mercury Electric Products Mfg. Corp. Hinge structure. 3,178,761, 4–20–65, Cl. 16—172.
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Rausing, Hans A. 3,187,759.
Restle, Heinz: *See*—
Hennessen, Walter, and Restle. 3,197,374.
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Reszka, Alfons, to Teletype Corp. Electromagnet driving circuit. 3,191,101, 6–22–65, Cl. 317—151.
Retali, Roger, and R. De Knutdt, to Fives Lille-Cail. Gravity-type heat exchanger for treating particulate solid material. 3,175,302, 3–30–65, Cl. 34—174.
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Rethorst, Scott C. Outboard gem. 3,182,627, 5–11–65, Cl. 115—1.
Rethorst, Scott C. Aqua-track G.E.M. 3,189,115, 6–15–65, Cl. 180—7.
Rethorst, Scott C. Suspension system for surface effect ships. 3,211,247, 10–12–65, Cl. 180—7.
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Wickard, Harry A. 3,201,171.
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Rettig, Albert S., and D. Z. Cohen, to Radio Corp. of America. Search apparatus. 3,197,742, 7–27–65, Cl. 340—172.5.
Rettig, Erik, to The Dow Chemical Co. Embankment dam with interior membrane. 3,188,814, 6–15–65, Cl. 61—31.
Retzer, Theodore C., to Westinghouse Electric Corp. Lamp starting and operating circuit. 3,170,084, 2–16–65, Cl. 315—173.
Retzlaff, William A., G. W. Maxon, and G. Maxon, Jr.; said Retzlaff and said G. W. Maxon assors. to said G. Maxon, Jr. Concrete spreading apparatus. 3,177,784, 4–13–65, Cl. 94—39.
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Reuben, Alan L., A. M. Russo, and J. Forte, to Promotional Advertising Associates, Inc. Display apparatus. 3,221,429, 12–7–65, Cl. 40—10.
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Reumerman, Theodorus, and W. H. T. Helmig. Coded characters and reading apparatus. 3,176,270, 3–30–65, Cl. 340—146.3.
Reusch, Emil, to International Harvester Co. Alloy steel for cast parts resistant to high temperatures and corrosion. 3,165,401, 1–12–65, Cl. 75—128.
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Reuschel, Konrad, to Siemens-Schuckertwerke Aktiengesellschaft. Method for producing monocrystalline semiconductor material. 3,179,593, 4–20–65, Cl. 252—62.3.
Reuschel, Konrad, to Siemens-Schuckertwerke Aktiengesellschaft. Method of producing electronic semiconductor devics by precipitation of monocrystalline semiconductor substances from a gaseous compound. 3,226,254, 12–28–65, Cl. 117—201.
Reuschel, Konrad, H. Gutsche, and A. Kersting, to Siemens-Schuckertwerke Aktiengesellschaft. Surface treatment of high-purity semiconductor bodies. 3,171,755, 3–2–65, Cl. 117—200.
Reuschel, Konrad, and A. Kersting, to Siemens-Schuckertwerke Aktiengesellschaft. Method of producing hyperpure silicon. 3,200,009, 8–10–65, Cl. 117—201.
Reuschel, Konrad, and W. Keller, to Siemens-Schuckertwerke Aktiengesellschaft. Method of producing an electronic semiconductor device. 3,217,378, 11–16–65, Cl. 29—25.3.
Reuschel, Konrad, and W. Keller, to Siemens-Schuckertwerke Aktiengesellschaft. Method for producing a semiconductor device with a monocrystalline semiconductor body. 3,226,265, 12–28–65, Cl. 148—1.5.
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Reusser, Peter U., to Schlumberger Well Surveying Corp. High voltage, electrostatic generators. 3,192,414, 6–29–65, Cl. 310—6.
Reusser, Peter U. Electrostatic generator. 3,222,553, 12–7–65, Cl. 310—6.
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Reusser, Robert E., to Phillips Petroleum Co. Purification of sodium diuranate. 3,168,370, 2–2–65, Cl. 23—14.5.
Reustle, Frank A. Tractor-trailer safety hitch. 3,212,792, 10–19–65, Cl. 280—432.
Reuter, Clarence J. Continuous envelopes and method of making them. 3,219,258, 11–23–65, Cl. 229—69.
Reuter, Franz G., and R. E. Szonn, to Cellasto Inc. Pneumatic tire. 3,216,476, 11–9–65, Cl. 152—354.
Reuter, Franz G., and R. E. Szonn, to Cellasto Inc. Draught gear for vehicles. 3,216,593, 11–9–65, Cl. 213—45.
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Reuter, Hermann, to Brown, Boveri & Cie Aktiengesellschaft. Shroud-blading for turbines or compressors. 3,185,441, 5–25–65, Cl. 253—77.
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Reuter, Robert M., and G. W. Eckert, to Texaco Inc. Method of operating an internal combustion engine and motor fuel therefor. 3,164,138, 1–5–65, Cl. 123—1.
Reuter, Walter. Pressure-sensitive transfer sheets. 3,186,862, 6–1–65, Cl. 117—36.3.
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Reuter, Wolfgang, R. Sehring, and K. Zeile, to C. H. Boehringer Sohn. Fundicidal compositions. 3,198,698, 8–3–65, Cl. 167—22.
Reuterfors, Aldor S. E., to Estwing Mfg. Co., Inc. Hammer with handle fastening means. 3,172,708, 3–9–65, Cl. 306—33.
Reuther, Albert H., to General Motors Corp. Electrically-operable visor systems. 3,226,151, 12–28–65, Cl. 296—97.
Reuther, Albert H., to General Motors Corp. Fluid-actuated visor systems. 3,226,152, 12–28–65, Cl. 296—97.
Reuther, John F., to Westinghouse Electric Corp. Double auctioneering control circuit. 3,209,233, 9–28–65, Cl. 322—24.
Reuther, John F., W. F. Cruess, and S. D. Silliman, to Westinghouse Electric Corp. Semiconductor overvoltage protector for open-circuited current transformer. 3,184,642, 5–18–65, Cl. 317—14.
Reuther, John F., and S. D. Silliman, to Westinghouse Electric Corp. Signalling system having control means at both dispatch and remote stations connected through static inverter transformers. 3,213,424, 10–19–65, Cl. 340—163.
Reuther, John F., and B. R. Johnson, to Westinghouse Electric Corp. Double binary coding and decoding system employing nor logic. 3,214,735, 10–26–65, Cl. 340—167.
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Tenniswood, Howard J. 3,184,702.
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Revell, Donald H., and J. Balfour, to Reynolds Metals Co. Interlocking structure for fences or the like. 3,212,754, 10–19–65, Cl. 256—22.
Revell, Kenneth S., to Imperial Chemical Industries Ltd. Preparation of tetrafluoroethylene. 3,177,261, 4–6–65, Cl. 260—653.5.
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Revere Copper and Brass Inc.: *See*—
Kennedy, James M. 3,165,828.
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Reinisch, Wolfgang B. 3,193,451.
Rex, Albert E., and E. G. Bennett. Means for attaching rails to sleepers. 3,196,583, 7–27–65, Cl. 50—474.
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Lind, Arthur C. 3,204,773.
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Morris, John M., and Evans. 3,205,543.
Morris, John M., and Evans. 3,216,557.
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Schrader, Preston H. 3,191,774.
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Stuller, Frank G., Gumz, and Anderson. 3,202,263.
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Rex, Donald K.: *See*—
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Tupper, Earl S. 3,194,460.
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Tupper, Earl S. 3,194,462.
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Williams, Robert E. 3,190,914.
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Rexer, Edward F., to Honeywell Inc. High pressure mercury vapor lamp. 3,168,668, 2–2–65, Cl. 313—184.
Rexford, Willis E., to Louis Marx & Co., Inc. Typewriter having sliding universal member. 3,223,220, 12–14–65, Cl. 197—22.
Rexroad, William D., to Collins Radio Co. Pulse triggered VHF crystal controlled oscillator. 3,225,313, 12–21–65, Cl. 331—173.
Rexroat, Wilbur C., to Dynamic Center Engineering Co. Truck wheel balancer. 3,203,255, 8–31–65, Cl. 73—484.
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Rey-Bellet, Gérald, and H. Spiegelberg, to Hoffmann-La Roche Inc. Certain 2H-2-trichloromethylmercaptonaphth[1,8-cd] isothiazole-1,1-dioxide compounds. 3,177,220, 4–6–65, Cl. 260—301.
Rey-Bellet, Gerald, and H. Spiegelberg, to Hoffmann-La Roche Inc. 6H-6-trichloromethylmercapto-dibenzo[c,e][1,2]-thiazine 5,5-dioxide compounds. 3,210,348, 10–5–65, Cl. 260—243.
Reyes, Terron. Joint arrangement with multi-positional locking means for a prosthetic surgical appliance. 3,187,347, 6–8–65, Cl. 3—26.
Reyes, Zoila, to International Business Machines Corp. Process of making microcapsules. 3,173,878, 3–16–65, Cl. 252—316.
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Reymes-Cole, John M. R. Circular knitting machines. 3,184,929, 5–25–65, Cl. 66—50.
Reymond, Lucien, to Societe d'Optique et de Mecanique de Haute Precision. View finder. 3,181,445, 5–4–65, Cl. 95—42.
Reymond, Lucien, to Societe d'Optique et de Mecanique de Haute Precision. Telemeter view-finder. 3,192,841, 7–6–65, Cl. 95—64.
Reynard, John M., to Royal McBee Corp. Keylever signal storing mechanism. 3,195,707, 7–20–65, Cl. 197—16.
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Reynolds, Anna M., deceased; J. D. Pietrangeli, executor. Tubular protective covering for bedding. 3,205,514, 9–14–65, Cl. 5—335.
Reynolds, Delbert D.: *See*—
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Reynolds, Delbert D., and R. M. Stewart, to Eastman Kodak Co. Photographic silver halide emulsions sensitized with 1,1-dimethylhydrazinium salts. 3,201,254, 8–17–65, Cl. 96—107
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Reynolds, Donald F., to Ford Motor Co. Cantilevered engine support. 3,191,710, 6–29–65, Cl. 180—64.
Reynolds, Donald S., to Reynolds Products, Inc. Method and apparatus for making, storing or dispensing ice cubes. 3,196,624, 7–27–65, Cl. 62—71.
Reynolds, Donald S., to Reynolds Products, Inc. Ice making and dispensing machine. 3,196,628, 7–27–65, Cl. 62—137.
Reynolds, Earl C. Automatic water softener system including a pressurized brine tank, control valve, valve operating means and/or timer combinations. 3,168,110, 2–2–65, Cl. 137—624.13.
Reynolds, Elmer N. Sprinkler head Re. 25,942, 12–14–65, Cl. 239—206.
Reynolds, Frank J. Reclosure cap for bottles. 3,176,867, 4–6–65, Cl. 215—40.
Reynolds, Frederick H., to Her Majesty's Postmaster General. Electronic valves and grid structures therefor. 3,168,671, 2–2–65, Cl. 313—350.
Reynolds, Harry M., L. C. Hess, Jr., and S. M. Halliday; said Hess and said Halliday assors. to said Reynolds. Spraying apparatus. 3,172,606, 3–9–65, Cl. 239—186.
Reynolds, James E., and K. D. Holloway, to Motorola, Inc. Diffusion process and apparatus. 3,183,130, 5–11–65, Cl. 148—188.
Reynolds, Jeffrey A., and D. Hall, to Gert Deventer. Fabricating self-lubricating articles. 3,177,564, 4–13–65, Cl. 29—182.5.
Reynolds, John F., T. A. Middlesworth, and R. R. Steingas, to International Harvester Co. Vehicle with reversible controls. 3,223,193, 12–14–65, Cl. 180—77.
Reynolds, John M. Combined cutting-removing and well-deepening tool. 3,168,152, 2–2–65, Cl. 175—234.
Reynolds, John M., to The Reynolds Specialty Co., Inc. Impact drilling and cutting removing tool. 3,177,956, 4–13–65, Cl. 175—242.
Reynolds, John W., to The Consolidated Mining and Smelting Co. of Canada Ltd. Sound suppressing device comprising elastic tubular sleeve for air actuated percussive type tools. 3,225,861, 12–28–65, Cl. 181—36.
Reynolds, Lester. Spinning apparatus. 3,224,041, 12–21–65, Cl. 18—8.
Reynolds, Lewis W. Automatic barbecue machine and method of cooking meats. 3,218,958, 11–23–65, Cl. 99—346.
Reynolds, Marlyn W. Orientation planting apparatus. 3,195,485, 7–20–65, Cl. 111—86.
Reynolds, Martin R., to The Filtron Co., Inc. Radiation protective garment. 3,164,840, 1–12–65, Cl. 2—2.
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Adams, Harold W. 3,204,021.
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Charles, Harold H. 3,186,128.
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Cripe, Alan R. 3,200,549.
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Cvacho, Daniel S. 3,165,034.
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Dalrymple, Robert S. 3,186,738.
De Ridder, Ernst J. 3,173,199.
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English, John B. 3,164,494.
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Farquhar, Melville T. 3,198,378.
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Garing, Meriwether L., Adkins, and Branigan. 3,207,575.
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Langlois, Clifford A., Sanborn, and Kobernuss. 3,207,858.
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Malmede, Clodwig B. 3,217,529.
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Ramsey, James A. 3,179,736.
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Wilson, John B. 3,173,394.
Wilson, John B. 3,195,788.
Reynolds Metals Building: *See*—
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Reynolds, Myron B., to Leslie Welding Co. Inc. Ventilator. 3,170,386, 2–23–65, Cl. 98—37.
Reynolds Oil Well Pumps, Inc.: *See*—
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Reynolds, Otto V. Gravity powered casing pump with double-valved piston. 3,202,104, 8–24–65, Cl. 103—158.
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Thiene, Carl G. 3,172,297.
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Jones, Samuel O'B. 3,204,641.
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Roberts, Donald L. 3,217,718.
Roberts, Donald L., and Schumacher. 3,217,716.
Rowland, Ralph L. 3,211,157.
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Reynolds, Robert J. Archer's sighting device. 3,163,938, 1–5–65, Cl. 33—46.4.
Reynolds, Rollin A., to Dyna System Inc. Hydro-pneumatic drilling control system. 3,164,040, 1–5–65, Cl. 77—32.3.
Reynolds, Rollin A., to Dyna Systems Inc. Control system for reversing motor rotation. 3,184,670, 5–18–65, Cl. 318—300.
Reynolds, Rollin A., to Dyna Systems Inc. Method of and means for controlling the removal of material with a cutting tool. 3,224,338, 12–21–65, Cl. 90—11.
Reynolds Specialty Co., Inc., The: *See*—
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Reynolds, Walter F., and D. R. Sexsmith, to American Cyanamid Co. Cationic sizing compositions and paper sized therewith. 3,212,962, 10–19–65, Cl. 162—168.
Reynolds, Willard S., to Telectron Co., Division of Elliott & Evans, Inc. Control relay circuit. 3,201,658, 8–17–65, Cl. 317—151.
Reynolds, Willard S., to Telectron Co., Division of Elliott & Evans, Inc. Single tube transmitter employing coded relaxation-type oscillator. 3,209,262, 9–28–65, Cl. 325—169.
Reynolds, William A., to Gordon Johnson Co. Bird tying machine. 3,213,487, 10–26–65, Cl. 17—11.
Reynolds, William E., S. Bazell, E. H. Koeller, and S. B. Faccin, to Crown Zellerbach Corp. Rigidified corrugated structure. 3,217,845, 11–16–65, Cl. 29—191.
Reyrolle, A. & Co. Ltd.: *See*—
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Rezek, Gerard, to Radio Corp. of America. Random access memory. 3,191,099, 6–22–65, Cl. 317—101.
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Cude, Richard A., and Miller. 3,188,121.
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Rheingruber, Margaret M. Game apparatus with board, markers, and tokens bearing word fragments. 3,215,435, 11–2–65, Cl. 273—134.
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Neubauer, Rudolf, and Welter. 3,205,551.
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Rhine, Wallace R., to Doughboy Industries Inc. Conveying and sealing apparatus. 3,192,096, 6–29–65, Cl. 156—583.
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Rhoades, Nolan K., to The Parker Pen Co. Writing instrument. 3,205,863, 9–14–65, Cl. 120—42.03.
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Hopkins, Thomas R., Arakelian, and Rhodes. 3,211,649.
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Hopkins, Thomas R., Arakelian, and Rhodes. 3,213,021.
Hopkins, Thomas R., Arakelian, and Rhodes. 3,213,022.
Hopkins, Thomas R., Arakelian, and Rhodes. 3,213,023.
Rhodes, Alan, to The Lubrizol Corp. Oxidation-resistant lubricating composition. 3,190,833, 6–22–65, Cl. 252—32.7.
Rhodes, Allen F., J. G. Jackson, Jr., and W. C. Triplett. Well completion. 3,186,486, 6–1–65, Cl. 166—66.5.
Rhodes, Chester R., to Hurletron, Inc. Dual contact circuit closing arrangement. 3,175,063, 3–23–65, Cl. 200—104.
Rhodes, Donald E., to Kerr-McGee Oil Industries, Inc. Massive crystals of $UsOs$. 3,167,388, 1–26–65, Cl. 23—14.5.
Rhodes, Eugene E., and A. M. Kurza to Ford Motor Co. Roll die. 3,214,954, 11–2–65, Cl. 72—332.
Rhodes, Harold J.: *See*—
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Rhodes, Herbert C. Device for automatically coating and rolling up sheeted dough pieces. 3,167,032, 1–26–65, Cl. 107—4.
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Rhodes, James L., and R. C. Hug, by The Clayton Corp. of Delaware, to The Clayton Corp. Dispensing valves having a stem by-pass for gassing. Re. 25,879, 10–12–65, Cl. 222—394.
Rhodes, Joseph C., and R. B. Jacobs, to Standard Oil Co. Continuous vapor pressure apparatus. 3,165,921, 1–19–65, Cl. 73—53.
Rhodes, Joseph & Sons Ltd.: *See*—
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Rhodes, Junior I., to General Electric Co. Bandpass transistor amplifier with automatic gain control and active isolating means. 3,210,679, 10–5–65, Cl. 330—21.
Rhodes, Junior I., to General Electric Co. Bandpass amplifier with transistorized isolation stage. 3,210,681, 10–5–65, Cl. 330—32.
Rhodes, Keith H.: *See*—
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Rhodes, Keith H., to Walker Mfg. Co. Compressor. 3,181,779, 5–4–65, Cl. 230—172.
Rhodes, Keith H., to Walker Mfg. Co. Compressor. 3,187,993, 6–8–65, Cl. 230—152.
Rhodes, Laddie T., to United States of America, Navy. Fast recharging pulse generator. 3,167,661, 1–26–65, Cl. 307—88.5.

Rhodes, Melvin H., to Collins Radio Co. Servo system with rate feedback. 3,211,974, 10–12–65, Cl. 318—18.
Rhodes, Norman A.: *See*—
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Rhodes, Orville, and L. Krebs. Playing bar for electric stringed musical instruments. 3,194,104, 7–13–65, Cl. 84—319.
Rhodes, Philip H., to Champion Papers Inc. Process of recovery of polyethylene from cellulosic fibers. 3,226,343, 12–28–65. Cl. 260—2.3.
Rhodes, Sammy J., to Caterpillar Tractor Co. Control lever holding means. 3,184,989, 5–25–65, Cl. 74—471.
Rhodes, Sammy J., to Caterpillar Tractor Co. Resilient seat mounting. 3,218,020, 11–16–65, Cl. 248—401.
Rhodes, Thomas J.: *See*—
Miller, Henry F., and Rhodes. 3,222,870.
Miller, Henry F., and Rhodes. 3,222,871.
Rhodes, Thomas J., and H. F. Miller, to United States Rubber Co. Apparatus and method for attenuating waves. 3,218,-809, 11–23–65, Cl. 61—5.
Rhodes, Wesley T., to Kaman Aircraft Corp. Aerial device with retarding rotor. 3,194,519, 7–13–65, Cl. 244—138.
Rhodes, William D., and J. R. Forrest, to Production Metal Products Co., Inc. Wire display rack. 3,221,895, 12–7–65, Cl. 211—148.
Rhodes, William H., to Aircraft Armaments, Inc. Teaching aid. 3,190,014, 6–22–65, Cl. 35—48.
Rhodes, William H., J. G. Brenza, and W. D. Winger, to International Business Machines Corp. Computer with table lookup arithmetic unit feature. 3,199,085, 8–3–65, Cl. 340—172.5.
Rhodia, Inc.: *See*—
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Baget, Jean G., and Debarre. 3,173,918.
Balitrand, Georges, and Lafont. 3,185,657.
Cottet, Emile C. 3,178,049.
Desmoras, Jacques, and Jacquet. 3,215,519.
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Metivier, Jean, and Boesch. 3,169,969.
Metivier, Jean, and Boesch. 3,202,673.
Preud'homme, Jean, Vuillemin, and Charpentie. 3,219,-669.
Rhudy, Ralph G., to General Electric Co. Thermal insulation. 3,212,864, 10–19–65, Cl. 29—183.
Rhyne, Earl C., Jr., to The Warren Mfg. Co., Inc. Transistorized low-voltage responsive alarm. 3,204,193, 8–31–65, Cl. 330—30.
Rhyne, Earl C., Jr., and J. S. Contino, to The Warren Mfg. Co., Inc. Transistor switching circuit. 3,200,322, 8–10–65, Cl. 321—18.
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Riat, Henri, and R. De Montmollin, to Ciba Corp. Fiber reactive copper complex monoazo-dyestuffs. 3,169,952, 2–16–65, Cl. 260—146.
Ribaud, George L., to Union Carbide Corp. Bonded molecular sieves. 3,219,590, 11–23–65, Cl. 252—430.
Ribback, Erich. Hydraulic press. 3,187,547, 6–8–65, Cl. 72—402.
Ribble, Guy H., Jr., to Allis-Chalmers Mfg. Co. Bearing support for split casing pump. 3,183,047, 5–11–65, Cl. 308—22.
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Ribeiro, Louis P. H. W., deceased; L. P. Ribiero, heir. Sanitary garments for infants. 3,182,661, 5–11–65, Cl. 128—286.
Ribet et Desjardins: *See*—
Imperial, Jean. 3,170,755.
Ribeton, Jean, to Societe Alsacienne de Constructions Mecaniques. Internal combustion engine valve gear. 3,179,094, 4–20–65, Cl. 123—90.
Ribka, Joachim, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-insoluble monoazo-dyestuffs. 3,200,109, 8–10–65, Cl. 260—203.
Riblet, Henry B.: *See*—
Randolph, Joseph P., Jr., Riblet, and Hamblen. 3,182,930.
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Sowder, Tony R. 3,202,110.
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Ricalzone, Lauro C., to United States of America, Navy. Acoustic distance measuring equipment. 3,183,477, 5–11–65, Cl. 340—2.
Ricard, Armand G., to Societe Anonyme des Ateliers d'Aviation Louis Brequet, and Societe Bertin & Cie. Short or vertical take-off and landing aircraft. 3,174,707, 3–23–65, Cl. 244—12.
Ricard, Armand G., to Societe Anonyme des Ateliers d'Aviation Louis Brequet. Hold door for aircraft fuselage. 3,174,-712, 3–23–65, Cl. 244—129.
Ricard, Armand G., to Societe Anonyme des Ateliers d'Aviation Louis Breguet. Safety device for aircraft with mechanically coupled propellers. 3,220,283, 11–30–65, Cl. 74—661.
Ricard, Carl A., and H. P. Hasell, to Westinghouse Electric Corp. Article orienting and feeding apparatus. 3,206,063, 9–14–65, Cl. 221—10.
Ricardo & Co., Engineers (1927) Ltd.: *See*—
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Riccardi, Benjamin A.: *See*—
Cantrall, Edward W., Bernstein, and Riccardi. 3,185,-683.
Ricci, Anthony J., to Quaker City Metal Weatherstrip Co. Metal window structure. 3,179,215, 4–20–65, Cl. 189—73.
Ricci, Louis N.: *See*—
Cellerini, Albert R., and Ricci. 3,172,984.
Pendy, William J., Jr., and Ricci. 3,213,236.
Ricciardi, Michael A., and W. J. Considine, to M & T Chemicals Inc. Method of preparing polyurethanes. 3,198,757, 8–3–65, Cl. 260—2.5.
Ricciardi, Ronald J., to J. L. Muscarelle. Feeding apparatus for particulate material. 3,186,602, 6–1–65, Cl. 222—161.
Riccius, Rolf R. B.: *See*—
Seibold, Wilhelm O., Eggers, Riccius, and Stuessel. 3,223,354.
Rice, Andrew C., to United States of America, Interior. Process for separating the rare earth elements by means of solvent extraction. 3,192,012, 6–29–65, Cl. 23—23.
Rice, Archie H. Sewage and industrial waste purification process. 3,171,804, 3–2–65, Cl. 210—53.
Rice, Archie H., and R. L. Culp, to General Services Co. Process for removing iron and manganese from water. 3,171,-800, 3–2–65, Cl. 210—52.
Rice, Archie H., W. R. Conley, and R. L. Culp, to General Services Co. Process for clarifying water. 3,171,801, 3–2–65, Cl. 210—52.
Rice, Archie H., and W. R. Conley, to General Services Co. Sewage treatment. 3,171,802, 3–2–65, Cl. 210—52.
Rice, Archie H., and W. R. Conley, to General Services Co. Process for removing hardness from water. 3,171,803, 3–2–65, Cl. 210—52.
Rice, Arlo E., deceased; 49% to H. Hooser and C. Cathey, administrator of said A. E. Rice. Piano hammer assemblies. 3,174,379, 3–23–65, Cl. 84—254.
Rice, Arthur G., to B.X. Plastics (Australia) Pty. Ltd. Tape dispensing container having a sealable dispensing opening. 3,190,517, 6–22–65, Cl. 225—44.
Rice Barton Corp.: *See*—
Cirrito, Anthony J. 3,217,795.
Hamilton, Alan R. 3,173,360.
Krikorian, Garo. 3,169,082.
Peterson, Philip A., and Reitzel. 3,187,716.
Rice, Charles H.: *See*—
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Rice, Daniel J., P. G. Bartlett, and B. T. Mayberry, to Motorola, Inc. Solid state compass. 3,197,880, 8–3–65, Cl. 33—204.
Rice, David E.: *See*—
Crawford, George H., Jr., Rice, and Yarian. 3,192,246.
Crawford, George H., Jr., Rice, and Yarian. 3,192,247.
Crawford, George H., Jr., Rice, and Yarian. 3,192,260.
Rice, David E., to Minnesota Mining and Mfg. Co. Process for polymerization of halogenated nitrosoalkanes. 3,213,050, 10–19–65, Cl. 260—29.6.
Rice, David W., to Johns-Manville Corp. Pipe coupling. 3,212,799, 10–19–65, Cl. 285—235.
Rice, Edgar: *See*—
Hartog, Ernest, Yaeger, and Rice. 3,221,325.
Rice, Edgar W., and S. Handelman, to Theta Instrument Corp. Worm and wheel unit. 3,176,534, 4–6–65, Cl. 74—425.
Rice, Edgar, and S. Handelman, to Theta Instrument Corp. Bridge apparatus for measuring the electrical angle of a rotating transformer and including diagonal branch nulling means. 3,192,475, 6–29–65, Cl. 324—158.
Rice Engineering & Operating, Inc.: *See*—
Rice, Ivan M. 3,185,437.
Rice, Frederic L., Jr., to Phillips Petroleum Co. Cigarette box. 3,223,275, 12–14–65, Cl. 220—31.

Rice, Harold B., to John Burton Machine Corp. Carrier and multicontainer package. 3,170,570, 2–23–65, Cl. 206—65.
Rice, Harold B., to John Burton Machine Corp. Fluid driven motor. 3,176,957, 4–6–65, Cl. 253—2.
Rice, Harold B., to John Burton Machine Corp. Conveyor structure. 3,209,897, 10–5–65, Cl. 198—189.
Rice, Harold D., to Pid Corp. Structure for producing animated pictures. 3,199,429, 8–10–65, Cl. 95—73.
Rice, Harold L., and D. C. Sutherland, to E. I. du Pont de Nemours and Co. Semi-conductive fabric comprising an ethylene-vinyl acetate copolymer, wax and carbon black. 3,178,384, 4–13–65, Cl. 260—28.5.
Rice, Harold W., to Robertshaw Controls Co. Burner control valve mechanism. 3,195,553, 7–20–65, Cl. 137—66.
Rice, Harold W., D. C. Pridham, Jr., R. D. Beck, and D. R. Scott, to Robertshaw Controls Co. Program control system and parts and method therefor or the like. 3,216,-326, 11–9–65, Cl. 91—36.
Rice, Harry C. Automatic fishing and fish handling apparatus for fishing vessels. 3,192,659, 7–6–65, Cl. 43—15.
Rice, Harry E., to Technicolor Corp. Printer light intensity control circuit. 3,207,949, 9–21–65, Cl. 315—196.
Rice, Harry F., Jr.: *See*—
Kadisevskis, Edmunds, and Rice. 3,210,507.
Kruger, Curtis F., and Rice. 3,215,873.
Rice, Harry L., deceased (H. Rice, administratrix), to Rubber and Plastics Compound Co., Inc. Transverse waterstop connection. 3,183,627, 5–18–65, Cl. 50—346.
Rice, Helen: *See*—
Rice, Harry L. 3,183,627.
Rice, Henry T. M., to Ohlsson & Rice, Inc. Centrifugal clutch. 3,187,871, 6–8–65, Cl. 192—105.
Rice, Henry T. M., to Ohlsson & Rice, Inc. Valve apparatus for internal combustion engines. 3,192,913, 7–6–65, Cl. 123—73.
Rice, Henry T. M., to Ohlsson & Rice, Inc. Carburetor. 3,214,150, 10–26–65, Cl. 261—62.
Rice, Howard E., to Thiokol Chemical Corp. Thermally stable propellant powders containing powdered polymeric materials and perchlorates. 3,214,308, 10–26–65, Cl. 149—76.
Rice, Ira J.: *See*—
Rice, Leo H. and I. J. 3,212,778.
Rice, Ivan M., to Rice Engineering & Operating, Inc. Noncorrosive valve. 3,185,437, 5–25–65, Cl. 251—327.
Rice, J H. Apparatus for force rounding and threading water well casing. 3,180,127, 4–27–65, Cl. 72—391.
Rice, John C. Needle racking apparatus. 3,197,976, 8–3–65, Cl. 66—26.
Rice, Lee R.: *See*—
Cummings, Joseph P., and Rice. 3,187,391.
Rice, Leo H. and I. J. Bowling ball and pin separator and conveyor. 3,212,778, 10–19–65, Cl. 273—43.
Rice, Leonard L.: *See*—
Mahoff, George A., and Rice. 3,186,739.
Rice, Leonard M.: *See*—
Freed, Meier E., Rice, and Hertz. 3,190,890.
Freed, Meier E., Rice, and Hertz. 3,215,691.
Grogan, Charles H., and Rice. 3,200,118.
Rice, Leonard M., M. E. Freed, and E. Hertz, to American Home Products Corp. Substituted N-aminoalkyl 1′-ketohexamethylene indoles. 3,202,676, 8–24–65, Cl. 260—319.
Rice, Leonard M., M. E. Freed, and E. Hertz, to American Home Products Corp. N-aminoalkyl-2,3-polymethylene-1H-benz[g]indoles and methods of preparing same. 3,218,326, 11–16–65, Cl. 260—293.
Rice, Leslie J.: *See*—
Keska, Kenneth R., and Rice. 3,173,319.
Rice, Lester E.: *See*—
Caylor, Robert C., Slater, and Rice. 3,166,197.
Rice, Louis F., and C. E. Slyngstad, to Pullman Inc. Fluid catalytic cracking unit. 3,188,184, 6–8–65, Cl. 23—288.
Rice, Orval L., to The New York Air Brake Co. Valve. 3,215,-160, 11–2–65, Cl. 137—596.2.
Rice, Paul P., and G. L. Snyder, to The Bendix Corp. Fluid compressor. 3,208,664, 9–28–65, Cl. 230—49.
Rice, Philip K., to Union Carbide Corp. Process for cutting and working solid materials. 3,212,378, 10–19–65, Cl. 83—53.
Rice, Rex: *See*—
Low, Paul R., and Rice. 3,222,527.
Rice, Rex, to International Business Machines Corp. Scatter read/write operation using plural control words. 3,202,970, 8–24–65, Cl. 340—172.5.
Rice, Rex, to International Business Machines Corp. Memory system for using a memory despite the presence of defective bits therein. 3,222,653, 12–7–65, Cl. 340—172.5.
Rice, Rex, and R. H. Terlet, to International Business Machines Corp. Photosensitive asynchronous information handling system. 3,202,823, 8–24–65, Cl. 250—209.
Rice, Rip G., B. H. Geib, and J. R. Hooker, to General Dynamics Corp. Adhesive compositions and preparation thereof. 3,219,515, 11–23–65, Cl. 161—186.
Rice, Robert A., to Rolls-Royce Ltd. By-pass gas turbine engine. 3,163,982, 1–5–65, Cl. 60—35.6.
Rice, Robert D.: *See*—
Fields, Marvin C., and Rice. 3,186,795.
Rice, Stanley I., and A. H. Jacobson, to The Heald Machine Co. Machine tool. 3,181,401, 5–4–65, Cl. 82—34.
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Rice, Thomas K.: *See*—
Putt, John W., and Rice. 3,212,255.
Rice, Virgil C., and G. I. Johnson, to Borg-Warner Corp. Refrigerator having a movable refrigeration unit therein. 3,206,943, 9–21–65, Cl. 62—302.
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Geen, Henry C., and Rice. 3,175,025.
Rice, William E., to Rockwell-Standard Corp. Vehicle spring suspension. 3,197,232, 7–27–65, Cl. 280—104.5.
Rice, William G., and J. J. Rusenko, to Cutler-Hammer, Inc. Locking device. 3,179,759, 4–20–65, Cl. 200—42.
Rice, William M.: *See*—
Berry, Allan E., May, and Rice. 3,196,355.
Rich, Alvido R. Contact lens dipper assembly. 3,168,100, 2–2–65, Cl. 134—137.
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Rich, Charles M.: *See*—
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Rich, Donald G., to Carrier Corp. Method of making heat exchangers. 3,170,228, 2–23–65, Cl. 29—157.3.
Rich, Donald G., to Carrier Corp. Refrigeration system. 3,196,634, 7–27–65, Cl. 62—394.
Rich, Donald J.: *See*—
Rivers, William F. 3,208,799.
Rich, Elvis: *See*—
Peters, Beldon A., Rich, and Carlton. 3,176,304.
Rich, Ernest J., Jr., to FMC Corp. Chlorinated sulfurized esters. 3,210,280, 10–5–65, Cl. 252—48.4.
Rich, Harold M., H. Van Eikeren, and A. Wolf, to Kitchens of Sara Lee, Inc. Dough rolling apparatus. 3,191,553, 6–29–65, Cl. 107—12.
Rich, Howard B., Inc.: *See*—
Rich, Howard B., and Green. 3,209,799.
Rich, Howard B., and A. T. Green, to Howard B. Rich, Inc. Machine for forming ladders. 3,209,799, 10–5–65, Cl. 144—2.
Rich, Samuel M. Safety means in air brake equipment. 3,194,608, 7–13–65, Cl. 303—84.
Rich, Stanley R.: *See*—
Berger, John R., and Rich. 3,169,561.
Rich, Stanley R., to Alfred H. Rosen. Low frequency loudspeaker system. 3,164,221, 1–5–65, Cl. 181—31.
Rich, Stanley R., to Northern Industries, Inc. Elastic wave generator. 3,169,507, 2–16–65, Cl. 116—137.
Rich, Stanley R., to Northern Industries, Inc. Elastic wave generator. 3,169,508, 2–16–65, Cl. 116—137.
Rich, Stanley R., to Northern Industries, Inc. Elastic wave generator. 3,169,509, 2–16–65, Cl. 116—137.
Rich, Stanley R., to A. H. Rosen. High fidelity sound reproducer. 3,198,890, 8–3–65, Cl. 179—115.5.
Rich, Stanley R., to Northern Industries, Inc. Liquid treatment. 3,213,592, 10–26–65, Cl. 55—15.
Rich, Theodore A.: *See*—
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Rich, Theodore A., to General Electric Co. Process and apparatus for detecting gas. 3,198,721, 8–3–65, Cl. 204—157.
Richard, Alice O. Carrier. 3,175,743, 3–30–65, Cl. 224—42.46.
Richard, Andre M.: *See*—
Albin, Jacques, Recoque, and Richard. 3,184,718.
Richard, Andre M. E., and A. P. and H. Jeudon, to Societe d'Electronique et d'Automatisme. Magnetic core information handling systems. 3,206,731, 9–14–65, Cl. 340—174.
Richard, Eugene D. Rebounding toy. 3,218,071, 11–16–65, Cl. 273—58.
Richard, Grant M.: *See*—
Richard, Kenneth L. and G. M. 3,180,551.
Richard, Joseph D. Ultrasonic viscosimeter. 3,194,057, 7–13–65, Cl. 73—55.
Richard, Joseph D. Particle size analyzer. 3,208,286, 9–28–65, Cl. 73—432.
Richard, Joseph D. Aeolian fish lure. 3,225,484, 12–28–65, Cl. 43—17.1.
Richard, Joseph D. Time recording lock system. 3,225,576, 12–28–65, Cl. 70—434.
Richard, Joseph D. Wave measuring apparatus, 3,225,593, 12–28–65, Cl. 73—170.
Richard, Joseph D. Apparatus for determining characteristics of the ocean bottom. 3,226,670, 12–28–65, Cl. 340—2.
Richard, Kenneth L. and G. M. Machine for soldering coils. 3,180,551, 4–27–65, Cl. 228—47.
Richard, Kurt, G. Diedrich, and E. Gaube, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the production of thermoplastic films. 3,178,495, 4–13–65, Cl. 264—95.
Richard, Paul P. Control mechanism. 3,181,389, 5–4–65, Cl. 74—480.
Richard, William R., Jr., J. D. Calfee, and L. E. Erbaugh, to Monsanto Co. Low temperature copolymerization. 3,200,-101, 8–10–65, Cl. 260—88.2.
Richards, Bert L., Jr., to E. I. du Pont de Nemours and Co. Bis(diisopropylthiocarbamoyl)sulfide as a fungicide. 3,224,-932, 12–21–65, Cl. 167—22.
Richards, David O.: *See*—
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Richards, Donald J.: *See*—
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Richards, Edward G.: *See*—
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Franklin, Arthur W., Smith, and Richards. 3,207,599.
Richards, Edward G., and R. A. Smith, to The International Nickel Co., Inc. Nickel-chromium sheet alloy. 3,177,075, 4–6–65, Cl. 75—171.
Richards, Frank A., and R. W. Winberg, to Ideal Toy Corp. Machine for rooting hair into doll's head. 3,165,079, 1–12–65, Cl. 112—79.5.
Richards, George B., and P. J. Contoyanis, to Liquid Controls Corp. Liquid flow control device. 3,204,659, 9–7–65, Cl. 137—504.
Richards, George B., and C. H. Rystrom, to Liquid Controls Corp. Liquid transmission system. 3,216,619, 11–9–65, Cl. 222—74.
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Richards, Harry F., S. A. Herbert, Jr., and R. J. Moore, to Shell Oil Co. Lubricants and polymeric additives therefor. 3,198,739, 8–3–65, Cl. 252—56.
Richards, Howard R.: *See*—
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Richards, J. A., Co.: *See*—
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Richards, James B., Jr. Device for storing flat articles. 3,170,741, 2–23–65, Cl. 312—12.
Richards, James W., to The Bendix Corp. Motor and speed-reducing drive assembly. 3,217,196, 11–9–65, Cl. 310—83.
Richards, Jesse W.: *See*—
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Anderson, Alan P., and Richards. 3,178,224.
Richards, Jesse W., to Ford Motor Co. Vehicle suspension system having torsion bar spring. 3,181,884, 5–4–65, Cl. 280—124.
Richards, Jesse W., to Ford Motor Co. Retractable seat. 3,202,453, 8–24–65, Cl. 296—66.
Richards, John A. Means for backwashing a filter bed. Re. 25,865, 9–21–65, Cl. 210—98.
Richards, John A., Sr., to J. A. Richards Co. Reciprocating tool actuated by toggle joint means. 3,181,408, 5–4–65, Cl. 83—630.
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Richards, Joseph M., to The Wadnesbury Tube Co. Ltd. Electric cables. 3,193,614, 7–6–65, Cl. 174—112.
Richards, Joseph M., and M. E. De Groff; said Richards assor. to said De Groff. Remote control medical therapy instrument. 3,219,029, 11–23–65, Cl. 128—24.5.
Richards, Keith C., to Owens-Illinois Glass Co. Control of plasma. 3,222,568, 12–7–65, Cl. 315—111.
Richards, Larry L., to General Motors Corp. Brake shoe retracting mechanism. 3,194,359, 7–13–65, Cl. 188—216.
Richards, Lorenzo A. Electrical sensing unit for measuring and controlling water in porous media. 3,181,098, 4–27–65, Cl. 338—34.
Richards, Paul, and A. A. Wolf, to General Dynamics Corp., and Fidelity Instruments Corp. Speed-responsive motor generator field control circuit. 3,170,104, 2–16–65, Cl. 318—146.
Richards, Paul, and A. A. Wolf, to General Dynamics Corp. and Fidelity Instrument Corp. Load-responsive motor generator field control circuit. 3,192,459, 6–29–65, Cl. 318—144.
Richards, Paul T. Carpenter's level with electrical indication. 3,196,552, 7–27–65, Cl. 33—214.
Richards, Ray S., to Owens-Illinois Glass Co. Layered mold. 3,204,917, 9–7–65, Cl. 249—116.
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Haddad, Jerrier A., Richards, Rochester, and Ross. 3,213,373.
Richards, Richard K. Diode pulse gating circuit. Re. 25,867, 9–21–65, Cl. 307—88.5.
Richards, Richard K. Superconductive transformer system. 3,214,679, 10–26–65, Cl. 323—44.
Richards, Richard K., and M. R. Vernstein, to Abbott Laboratories. Amino and halogen substituted-N-diloweralkyl-aminoalkyl-benzamides. 3,170,955, 2–23–65, Cl. 260—558.
Richards, Robert J.: *See*—
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Richards, Robert L., to Westinghouse Electric Corp. Control apparatus. 3,173,058, 3–9–65, Cl. 317—6.
Richards, Ronald G., ½ to C. J. P. Smith. Device for spreading material on lawns or for leveling soft soil and the like. 3,225,837, 12–28–65, Cl. 172—371.
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Richards, William G., and R. S. Burton, to The British Petroleum Co. Ltd. Heat exchangers. 3,195,624, 7–20–65, Cl. 165—158.
Richards, William J. Constant output amplifier including light responsive feedback means. 3,225,304, 12–21–65, Cl. 330—28.
Richardson, Albert S., Jr. Method and apparatus for damping relatively large amplitude type vibrations in electric power transmission conductors and other oscillating bodies. 3,221,093, 11–30–65, Cl. 174—42.
Richardson, Alfred, Jr., E. D. Amstutz, and G. L. Krueger, to Richardson-Merrell, Inc. Imidazoquinolines. 3,200,123, 8–10–65, Cl. 260—288.
Richardson, Alonzo: *See*—
Moser, Henry W., and Richardson. 3,216,268.
Richardson, Aloysius V., deceased; C. V. Richardson, administrator. Telephone dialing device. 3,177,296, 4–6–65, Cl. 179—90.
Richardson, Arthur M. Gasoline and oil blender. 3,174,649, 3–23–65, Cl. 222—76.
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Ronay, Thomas E., and Dexheimer. 3,197,435.
Richardson, David A., to The Foxboro Co. Means for preventing reset wind-up in electronic control apparatus. 3,197,711, 7–27–65, Cl. 330—103.
Richardson, David A., and H. G. Krauss, to The Boeing Co. Hydraulic valve control. 3,218,027, 11–16–65, Cl. 253—1.
Richardson, Deane W., and D. B. Smith. Resilient action figure toy. 3,176,431, 4–6–65, Cl. 46—151.
Richardson, Douglas K., to Westinghouse Electric Corp. Shell-and-tube type heat exchangers. 3,191,674, 6–29–65, Cl. 165—158.
Richardson, Douglas W., to Hart Mfg. (Canada) Ltd. Power controlling device for electrical heating elements. 3,201,-546, 8–17–65, Cl. 200—113.
Richardson, Edward M., to Boxcraft Corp. Reinforced box structure. 3,193,173, 7–6–65, Cl. 229—23.
Richardson, Elva, to Combustion Engineering, Inc. Use of gas recirculation for superheat temperature control. 3,192,-909, 7–6–65, Cl. 122—478.
Richardson, Eugene E., to Standard Oil Co. Petroleum wax compositions. 3,179,611, 4–20–65, Cl. 260—28.5.
Richardson, Eugene E., and C. G. Brannen, to Standard Oil Co. Petroleum wax compositions. 3,183,197, 5–11–65, Cl. 260—17.
Richardson, Frank A., S. W. Middleditch, and R. L. Walker, to De la Rue Instruments Ltd. Machine for selecting and counting sheets. 3,168,644, 2–2–65, Cl. 235—92.
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Richardson, George T., and J. A. Scruggs, to The Offshore Co. Mooring system. 3,191,201. 6–29–65, Cl. 9—8.
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Richardson, Robert L. Trailer handling device. 3,179,196, 4–20–65, Cl. 180—14.
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Richardson, Rolland A., to Pacific Industrial Mfg. Co. Method of fabricating cylinder from heavy metal plate. 3,176,389, 4–6–65, Cl. 29—477.

Richardson, Rolland A., to Pacific Industrial Mfg. Co. Sequence control for machine ram. 3,192,750, 7–6–65, Cl. 72—22.
Richardson, Ronald E., to Pittsburgh Plate Glass Co. Glass bending apparatus with pivot support points. 3,220,820, 11–30–65, Cl. 65—290.
Richardson, Roy A., O. M. Eness, and W. W. White, to Motorola, Inc. Frequency standard. 3,200,337, 8–10–65, Cl. 325—420.
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Richardson, William H., to Langley Alloys Ltd. Iron aluminum alloys. 3,193,384, 7–6–65, Cl. 75—124.
Richardson, William J., to International Business Machines Corp. High density electronic package. 3,196,318, 7–20–65, Cl. 317—101.
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Richer, John G., to United States of America, Navy. Electronic switching circuit. 3,201,607, 8–17–65, Cl. 307—88.5.
Richert, Roy R. Kick-over fishing tool. 3,166,350, 1–19–65, Cl. 294—86.13.
Richert, Walter J., to American Machine and Foundry Co. Pivotal bearing arrangement for electromagnetic operator. 3,201,541, 8–17–65, Cl. 200—87.
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Richie, Ernest C., and R. D. Ridge, to Sarkes Tarzian, Inc. Fine tuning mechanism for television tuners. 3,199,357, 8–10–65 Cl. 74—10.
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Richman, Albert S. Golf chipping and putting target including ball return means. 3,202,429, 8–24–65, Cl. 273—182.
Richman, Donald, to Hazeltine Research, Inc. Phase detector. Re. 25,743, 3–9–65, Cl. 328—133.
Richman, Peter L., to Weston Instruments, Inc. Electrical signal comparator. 3,183,446, 5–11–65, Cl. 328—151.
Richman, Peter L., to Weston Instruments, Inc. Precision comparison device. 3,195,054, 7–13–65, Cl. 328—146.
Richman, Robert L. CRT display system having logic circuits controlled by weighted resistors in the deflection circuitry. 3,165,729. 1–12–65, Cl. 340—324.
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Richmond, Gerald W., to Stephens-Adamson Mfg. Co. Method and apparatus for simultaneously forming spherically contoured bearing seats and loading slots in bearing housings. 3,189,979, 6–22–65, Cl. 29—148.4.
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Richmond, William J., to Davy and United Engineering Co. Ltd. Selecting method and apparatus. 3,204,749, 9–7–65, Cl. 198—30.
Richmond, William W., and E. Mantius, to National Lead Co. Method of fabricating clad tubes. 3,170,227, 2–23–65, Cl. 29—157.3.
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Richter, Donald L., to Kaiser Aluminum & Chemical Corp. Building panel and method of making same. 3,204,372, 9–7–65, Cl. 52—80.
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Richter, Heinz K., to Lockheed Aircraft Corp. Performance meter. 3,205,707, 9–14,65, Cl. 73—178.
Richter, Heinz K., and G. E. Howe, to Lockheed Aircraft Corp. Gain adjuster for servomechanisms. 3,216,454, 11–9–65, Cl. 137—625.69.
Richter, Herman W., to Tape Cable Electronics, Inc. Electric cables and method of making the same. 3,168,617, 2–2–65, Cl. 174—117.
Richter, Johan C. F. C., to Kamyr, Aktiebolaget. Storage container for cellulosic pulp and method of operation thereof. 3,166,300, 1–19–65, Cl. 259—4.
Richter, Johan C. F. C., to Kamyr, Aktiebolaget. Mixing apparatus for the mixing of a bleaching agent into cellulosic pulp. 3,218,040, 11–16–65, Cl. 259—23.
Richter, Johan C. F. C., and O. J., to Kamyr, Aktiebolaget. Continuous process for digesting cellulosic material. 3,200,032, 8–10–65, Cl. 162—19.
Richter, John F., to Eitel-McCullough, Inc. Electron tube having close spaced electrodes and a bimetallic cathode. 3.211,939, 10–12–65, Cl. 313—151.
Richter, John H., to American Metal Climax, Inc. Method of forming a shelf. 3,224,081, 12–21–65, Cl. 29—160.
Richter, Kenneth E., and T. A. Craig, to Union Carbide Corp. Gas-shielded electric arc welding. 3,185,812, 5–25–65, Cl. 219—74.
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Richter, Johan C. F. C., and O. J. 3,200,032.
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Richter, Sidney B., to Velsicol Chemical Corp. Phenoxyacetamides for the control of pests. 3,166,589, 1–19–65, Cl. 260—559.
Richter, Sidney B., to Velsicol Chemical Corp. Phenoxyacetamides for the control of pests. 3,166,591, 1–19–65, Cl. 260—559.
Richter, Sidney B., to Velsical Chemical Corp. N-alkoxy 2-alkyl-4-chlorophenoxyacetamides for the control of pests. 3,168,561, 2–2–65, Cl. 260—559.
Richter, Sidney B., to Velsicol Chemical Corp. Hexachlorobicyclic sulfonamides. 3,184,501, 5–18–65, Cl. 260—470.
Richter, Sidney B., to Velsicol Chemical Corp. N-alkoxy phenylacetamides. 3,187,041. 6–1–65, Cl. 260—558.
Richter, Sidney B., to Velsicol Chemical Corp. N-alkoxy benzamides. 3,187,042, 6–1–65, Cl. 260—558.

Richter, Sidney B., to Velsicol Chemical Corp. Method of destroying growing weeds. 3,189,432, 6-15-65, Cl. 71—2.6.
Richter, Sidney B., to Velsicil Chemical Corp. O-(polyhalobicyclo[2.2.1]-hept-5-en - 2 - ylmethylene) - phenoxy acetic acids, salts, amides and esters thereof. 3,193,576, 7–6–65, Cl. 260—520.
Richter, Sidney B., and A. A. Levin, to Velsicol Chemical Corp. Di-(N-alkoxy)amides of 2,3,5,6-tetrachloroterephthalic acid. 3,212,873, 10–19–65, Cl. 71—2.6.
Richter, Sven U. K. A., and H. S. Schnitzer, to DeBell & Richardson, Inc. Flame resistant, self extinguishing dielectric lens material comprising a halogenated epoxy resin composition. 3,198,756, 8–3–65, Cl. 260—2.5.
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Richterkessing, Frank H., to W. M. Cissell Mfg. Co. Trouser topping apparatus. 3,178,084, 4–13–65, Cl. 223—73.
Richterkessing, Frank H., to W. M. Cissell Mfg. Co. Trouser topping apparatus and buck and bag assembly for use therein. 3,182,869, 5–11–65, Cl. 223—73.
Richterkessing, Frank H., to W. M. Cissell Mfg. Co. Trouser topping apparatus and electrical control system therefor. 3,207,391, 9–21–65, Cl. 223—73.
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Fortescue, Peter, and Rickard. 3,201,321.
Rickard, Donn J., to Brown Citrus Machinery Corp. Juice extractor. 3,185,072, 5–25–65, Cl. 100—53.
Rickard, James A., to Esso Production Research Co. Method for restoring lost circulation. 3,193,011, 7–6–65, Cl. 166—33.
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Rickenbach, Oskar. Spinal extension table. 3,194,232, 7–13–65, Cl. 128—71.
Ricker, Charles W., A. L. Colomb, and E. R. Mam, to United States of America, Atomic Energy Commission. Method of determining the negative reactivity of neutronic multiplying systems. 3,188,470, 6–8–65, Cl. 250—83.1.
Ricker, Clifford A., to Telsta Corp. Conductor grip. 3,204,309, 9–7–65, Cl. 24—81.
Ricker, Conrad J., and D. C. Reilly, to Goodman Mfg. Co. Troughing roller assembly. 3,221,868, 12–7–65, Cl. 198—192.
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Ricketts, Charles J., to Sundstrand Corp. Hydraulic pump or motor device pistons. 3,187,644, 6–8–65, Cl. 92—248.
Ricketts, Lawrence M. Flexible shaft coupling. 3,178,906, 4–20–65, Cl. 64—11.
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Rickling, Alfred H., to Radio Corp. of America. Vertical deflection circuit with height control feedback. 3,165,666, 1–12–65, Cl. 315—27.
Rickmeier, Carl H., Jr., to The Vollrath Co. Steam table food transfer pan assemblages. 3,179,287, 4–20–65, Cl. 220—94.
Rico, Ignacio O. Flat iron stand. 3,215,379, 11–2–65, Cl. 248—117.2.
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Ridgway, Harry, to Joseph Rhodes & Sons Ltd. Shearing machine with a pivotal blade having eccentric means to adjust blade along axis of the pivot. 3,170,357, 2–23–65, Cl. 83—608.
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Ridgway, Stuart L., to TRW Inc. Exhaust control apparatus. 3,214,246, 10–26–65, Cl. 23—277.
Ridler, Desmond S., to International Standard Electric Corp. Data processing equipment. 3,208,047, 9–21–65, Cl. 340—172.5.
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Riebel, Felix. Device for grinding and resharpening gear-cutting hobs. 3,221,447, 12–7–65, Cl. 51—98.
Riebel, Gilbert A., to J. E. Dominik. Paper towel dispenser. 3,221,929, 12–7–65, Cl. 221—63.
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Riebman, Leon, and B. Haimowitz, deceased (by W. Haimowitz, administratrix); said Riebman assor. to American Electronic Laboratories, Inc. Crystal demodulating means for ultrahigh radio frequencies. 3,182,266, 5–4–65, Cl. 329—162.
Riebman, Leon, to American Electronic Laboratories, Inc. Means for converting signals. 3,202,920, 8–24–65, Cl. 329—161.
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Riebs, Richard E., to McGraw-Edison Co. Tap changing voltage regulator. 3,202,903, 8–24–65, Cl. 323—43.5.
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Riedel, Helmut, to Carl Zeiss-Stiftung d.b.a. Carl Zeiss. Two-observer microscope equipment particularly with central pentagonal prism for viewing. 3,170,983, 2–23–65, Cl. 88—39.
Riedel, Herbert. Collapsible stand for a flexible projection screen. 3,166,115, 1–19–65, Cl. 160—24.
Riedel, Kurt A., and C. M. Karcher, to Kearney & Trecker Corp. Machine tool drive mechanism. 3,192,787, 7–6–65, Cl. 74—365.
Riedel, Wolfgang, to E. Breuninger, K.G. a.A. Storage means for collecting data carriers serving for controlling business transactions. 3,191,882, 6–29–65, Cl. 242—55.13.
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Rieger, Martin M., and G. Berenbom, to Warner-Lambert Pharmaceutical Co. Hair setting composition comprising an aqueous dispersion of a tertiary aminoalkyl ether of starch. 3,186,911, 6–1–65, Cl. 167—87.1.
Rieger, Rainer, to Holding Intercito SA. Nozzle adjustment device for submerged-arc automatic welding machines. 3,207,885, 9–21–65, Cl. 219—130.
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Riegler, Ernst, to Kalle Aktiengesellschaft. Method of shirring sausage casings. 3,201,825, 8–24–65, Cl. 17—45.
Riegler, Harald, to Trilux-Lenze K.G. Bracket type mounting device for a lamp casing. 3,208,709, 9–28–65, Cl. 248—318.
Riehl, Robert F. Raschel loop net. 3,183,685, 5–18–65, Cl. 66—193.
Riehl, Wilhelm, to General Motors Corp. Control apparatus for a motor vehicle clutch. 3,177,993, 4–13–65, Cl. 192—3.5.
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Rieman, Caspar W., III, to The Dow Chemical Co. Removal of phenols from their aqueous solutions with low-capacity ion-exchange resins. 3,179,703, 4–20–65, Cl. 260—621.
Riemenschneider, Fritz, and H. Hassel, to Eumuco Aktiengesellschaft fur Maschinenbau. Top-pressure forging hammer. 3,180,129, 4–27–65, Cl. 72—453.
Riemenschneider, Fritz, and H. Hassel, to Eumuco Aktiengesellschaft fur Maschinenbau. Top-pressure forging hammer. 3,194,049, 7–13–65, Cl. 72—453.
Riemenschneider, Wilhelm, E. W. Schmidtt, deceased (by M. and E. Schmidt, heirs), and L. Hornig, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for oxidizing olefins containing at least 3 carbon atoms to aldehydes and ketones. 3,215,743, 11–2–65, Cl. 260—597.
Riemenschneider, Wilhelm, U. Pintschovius, and O. Probst, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of aliphatic, olefinically unsaturated dicarboxylic acids. 3,221,049, 11–30–65, Cl. 260—533.
Riemenschneider, Wilhelm, U. Pintschovius, and O. Probst, to Farkwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for producing a catalyst for the oxidation of olefins and diolefins to unsaturated dicarboxylic acids. 3,226,337, 12–28–65, Cl. 252—435.
Riemersma, Henry, and C. B. Satterthwaite, to Westinghouse Electric Corp. Protective means for superconducting solenoids. 3,183,413, 5–11–65, Cl. 317—123.
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Ries, Carl A., and J. E. Zellers, to Sperry Rand Corp. High power noise source employing a feedback path around a travelling wave tube. 3,178,655, 4–13–65, Cl. 331—78.
Ries, Elmer F., to The Ries Mfg. Co. Walker or walker aid. 3,165,112, 1–12–65, Cl. 135—45.
Ries, Elmer F., to The Ries Mfg. Co. Walker or walker aid. 3,199,521, 8–10–65, Cl. 135—45.
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Rieser, John D. Variable speed transmission. 3,214,997, 11–2–65, Cl. 74—640.
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Rieth, Harold F., to Packard-Bell Electronics Corp. Electrical capacitor having an internal rib structure. 3,183,419, 5–11–65, Cl. 317—242.
Rieth, Harold F., to Packard-Bell Electronics Corp. Method and apparatus for making an electrical resistor. 3,188,688, 6–15–65, Cl. 18—5.
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Rietz, Carl A., W. S. Enochian, and H. T. Andersen, to Rietz Mfg. Co. Blending apparatus. 3,176,966, 4–6–65, Cl. 259—41.

Rietz, Carl A., and J. H. Payne. Continuous process for the recovery of sugar from sugar cane. 3,207,628, 9–21–65, Cl. 127—43.
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Rieutord, Louis M. A., to Societe d'Utilisation Scientifique et Industrielle du Froid Usifroid. Apparatus for regulating freeze-drying operations. 3,192,643, 7–6–65, Cl. 34—54.
Rieutord, Louis M. A., to Societe d'Utilisation Scientifique et Industrielle du Froid Usifroid. Device for the freezing of a product to be lyophilized and other products. 3,195,547, 7–20–65, Cl. 134—163.
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Rifken, Louis L. Coupling means for building frameworks, racks, scaffolds, and the like. 3,216,752, 11–9–65, Cl. 287—54.
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Rigaut, Jean. Apparatus for continuously forming thermoplastic flexible tubing. 3,173,822, 3–16–65, Cl. 156—429.
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Rigby, Francis L., and W. E. Parker, to Canadian Breweries Ltd. Continuous preparation of brewers' mash. 3,216,345, 11–9–65, Cl. 99—276.
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Rittinger, Adam N., to Itek Corp. Photographic print processing apparatus. 3,177,792, 4–13–65, Cl. 95—94.
Rittmann, Albert D., to General Motors Corp. Silicon rectifier encapsulation. 3,188,536, 6–8–65, Cl. 317—234.
Rittmann, Dieter: *See*—
Starp, Franz W. R., and Rittmann. 3,213,771.
Rittmeister, Wilhelm, to Dehydag Deutsche Hydrierwerke G.m.b.H. Process for the production of saturated fatty alcohols. 3,173,959, 3–16–65, Cl. 260—638.
Rittmeister, Wilhelm, to Dehydag, Deutsche Hydrierwerke G.m.b.H. Process for the production of unsaturated fatty alcohols. 3,193,586, 7–6–65, Cl. 260—638.
Ritz, Hans. High-voltage instrument transformer. 3,222,590, 12–7–65, Cl. 323—48.
Ritz, Heinrich H. L., to C. A. Parsons & Co. Ltd. Fuel elements for nuclear reactors. 3,173,845, 3–16–65, Cl. 176—50.
Ritz, Hugo H. L., and V. Power, to C. A. Parsons & Co. Ltd. Feed water heaters for steam turbine plant. 3,193,002, 7–6–65, Cl. 165—139.
Ritz, Linus, to Wolverine Toy Co. Enclosure means for ball control game apparatus. 3,224,775, 12–21–65, Cl. 273—121.
Ritze, Rolf G., to Kamyr, Aktiebolaget. Apparatus for the classification of finely divided materials. 3,219,187, 11–23–65, Cl. 209—233.
Ritzerfeld, Gerhard.: *See*—
Ritzerfeld, Wilhelm, and G. 3,170,391.
Ritzerfeld, Wilhelm and G. 3,181,459.
Ritzerfeld, Wilhelm and G. 3,183,805.
Ritzerfeld, Wilhelm, and G. 3,185,086.
Ritzerfeld, Wilhelm and G. 3,216,351.
Ritzerfeld, Wilhelm and G. 3,220,342.
Ritzerfeld, Wilhelm, and G. Apparatus for operating a selective printing machine. 3,170,391, 2–23–65, Cl. 101—91.
Ritzerfeld, Wilhelm and G. Stripper arrangement for a printing machine. 3,181,459, 5–4–65, Cl. 101—132.5.
Ritzerfeld, Wilhelm and G. Electro-photographic apparatus. 3,183,805, 5–18–65, Cl. 95—1.7.
Ritzerfeld, Wilhelm, and G. Method and arrangement for reproducing an image. 3,185,086, 5–25–65, Cl. 101—149.4.
Ritzerfeld, Wilhelm and G. Apparatus for controlling the rotary motion of a printing roller. 3,216,351, 11–9–65, Cl. 101—235.
Ritzerfeld, Wilhelm and G. Program controlled machine for printing selected text sections. 3,220,342, 11–30–65, Cl. 101—91.
Ritzheimer, Earl: *See*—
Nelson, Maclay P., and Ritzheimer. 3,190,018.
Riuli, Arduino, and G. I. Schrank, to Specialties Development Corp. Horn and hose assembly for carbon dioxide fire extinguishing apparatus. 3,172,607, 3–9–65, Cl. 239—288.
Riva, William. Three-dimensional game board with apertures for advancing or regressing the progress of a game piece. 3,184,237, 5–18–65, Cl. 273—134.
Riva, William. Pull toy. 3,213,844, 10–26–65, Cl. 124—29.
Riva, William. Pull toy. 3,221,445, 12–7–65, Cl. 46—204.
Rival Mfg. Co.: *See*—
McClean, Robert E. 3,165,830.
Rivard, Alfred L. Jointer-knife setting tool. 3,200,507, 8–17–65, Cl. 33—185.
Rivark Research and Development Corp.: *See*—
Rivoche, Eugene J. 3,215,531.
Rivas, Trino J. Protecting rubber ring for phonograph records. 3,169,023, 2–9–65, Cl. 274—42.
Rively, Clair M.: *See*—
Kimball, Henry B., Hasell, and Rively. 3,194,098.
Rively, Clair M., and W. A. Brenneck, to Westinghouse Electric Corp. Method of manufacture for synchronizing movement between plural worklines. 3,172,455, 3–9–65, Cl. 153—10.
Rively, Clair M., and J. F. Michael, to Westinghouse Electric Corp. Module assembly for projection lamps. 3,183,395, 5–11–65, Cl. 313—271.
River Brand Rice Mills, Inc.: *See*—
Autrey, Harry S., and Lynn. 3,189,462.

Rivera, Aureo. Automatic measuring and dispensing device. 3,224,635, 12–21–65, Cl. 222—36.
Rivero, Benito M. Gas manometer. 3,208,284, 9–28–65, Cl. 73—395.
Rivero, Olmedo J. M. Meter boxes and meter mountings. 3,212,339, 10–19–65, Cl. 73—431.
Rivers, Russell C., to Riley Stoker Corp. Traveling grate incinerator. 3,169,498, 2–16–65, Cl. 110—15.
Rivers, Victor G.: *See*—
Osborne, Leonard A., and Rivers. 3,185,605.
Rivers, William F.; ¼ to L. A. Mattare, ¼ to J. W. Dent, ¼ to D. J. Rich, and ¼ to J. F. Smith. Dry material transfer apparatus. 3,208,799, 9–28–65, Cl. 302—17.
Riverside Inc.: *See*—
Gorton, Thomas S., Jr. 3,178,765.
Riviera Appliance Corp.: *See*—
Leyden, Isadore. 3,181,189.
Riviere, Anthony C.: *See*—
Julian, Frederick A., and Riviere. 3,209,269.
Riviere, Charles, to Le Progress Scientifique. Compositions having high diuretic action and a high ratio of elimination of sodium with respect to potassium. 3,203,861, 8–31–65, Cl. 167—65.
Riviere, Michel, to Institut de Recherches de la Siderurgie Francaise. Method and device for the protection of refractory walls. 3,165,301, 1–12–65, Cl. 263—15.
Rivoche, Eugene J., to Rivark Research and Development Corp. Method for preparation of starch-containing food products. 3,215,531, 11–2–65, Cl. 99—1.
Rix, Earl H., and D. R. Houston, to United States of America, Navy. Search-while-track radar system. 3,197,770, 7–27–65, Cl. 343—7.
Rix-Maskiner, Aktiebolaget: *See*—
Nilsson, Nils M., Rixman, and Moller. 3,209,758.
Rix, Theodorus R.: *See*—
Bruin, Pieter, and Rix. 3,179,716.
Rixman, Torsten L.: *See*—
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Rixson, Inc.: *See*—
Arnold, Robert P. 3,164,404.
Cecala, Michael L. 3,222,711.
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Rixton, Frederick H., to Westinghouse Electric Corp. Flash gun for photoflash lamps and piezoelectric ignition energy generating apparatus for use therein. 3,211,069, 10–12–65, Cl. 95—11.5.
Riz Parfumerie-Fabrik G.m.b.H.: *See*—
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Riza, John H.: *See*—
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Rizzi, Gilda A. Plunge line brassiere. 3,213,854, 10–26–65, Cl. 128—477.
Rizzo, Olympio C. Long nose pliers with cutting attachment. 3,172,133, 3–9–65, Cl. 7—5.4.
Rizzo, Pedro, to Wylerson S/A. Industria e Comercio. Retainer for crankshafts and vehicle axles in general. 3,179,427, 4–20–65, Cl. 277—199.
Rizzo, Salvatore R. Means for retrieving flexible bottle stoppers from below the bottle necks. 3,216,290, 11–9–65, Cl. 81—3.41.
Rizzuto, Anthony. Wheeled shopping cart or basket. 3,191,956, 6–29–65, Cl. 280—36.
Rizzuto, Joseph and M. J. Hydraulic brake auxiliary reservoir and signal device. 3,179,919, 4–20–65, Cl. 340—59.
Rizzuto, Michael J.: *See*—
Rizzuto, Joseph and M. J. 3,179,919.
Rizzutti, Vincent. Sound producing banjo. 3,192,304, 6–29–65, Cl. 84—1.16.
Ro, Rolland S.: *See*—
Nyce, Jack L., and Ro. 3,222,330.
Ro, Rolland S., to E. I. du Pont de Nemours and Co. Catalyst system. 3,166,517, 1–19–65, Cl. 252—429.
Roach, Charles D., to United States of America, Army. On-road, off-road track carrying vehicle. 3,182,741, 5–11–65, Cl. 180—9.5.
Roach, Charles D., and L. M. Hewin, to United States of America, Army. Push-pull remote control device. 3,211,019, 10–12–65, Cl. 74—501.
Roach, Donald B., D. A. Roberts, and A. M. Hall, to United States of America, Atomic Energy Commission. Iron alloy. 3,170,824, 2–23–65, Cl. 148—31.
Roach, Erskine E.: *See*—
Lilly, Mason M., and Roach. 3,211,179.
Roach, Frank T.: *See*—
Gibson, William W., and Roach. 3,211,953.
Roach, Paul G., and H. C. Weingartner, to United States of America, Army. Gas ejection bomb for dispersing solid particulates. 3,188,954, 6–15–65, Cl. 102—6.
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Chandler, Coy N., Bryan, and Roach. 3,168,959.
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Roahen, Dan C.: *See*—
Wakeman, Alden H., and Roahen. 3,182,971.
Wakeman, Alden H., and Roahen. 3,214,146.
Wakeman, Alden H., and Roahen. 3,214,147.
Roane, Asa E., to Kysor Industrial Corp. Automotive heating and cooling air conditioning system. 3,171,474, 3–2–65, Cl. 165—43.
Roanwell Corp.: *See*—
Vasicek, William A. 3,190,974.
Roark, James T., to Otis Engineering Corp. Well tools. 3,208,788, 9–28–65, Cl. 294—86.15.
Roark, James T., to Otis Engineering Corp. Plug for well conductors. 3,216,504, 11–9–65, Cl. 166—181.
Roark, James T., to Otis Engineering Corp. Retrievable well packer. 3,223,169, 12–14–65, Cl. 166—129.
Roark Toark Tool Co.: *See*—
Hayes, Henry L. 3,212,609.
Robak, Edward, and E. L. Kleeberger, 11.5% to C. G. Duncan-Clark, 14% to D. Hall, Jr., 22.5% to S. E. Hartman, 7.5% to G. Johnson, 7.5% to R. Kubly, 5% to L. Marcussen, and 8% to C. Sexton. Recording machine. 3,220,292, 11–30–65, Cl. 83—240.
Robapharm A.G.: *See*—
Gassmann, Alois, and Engel. 3,178,427.
Robare, E. Peter, to American Radiator & Standard Sanitary Corp. Anti-sweat water closet tank. 3,191,189, 6–29–65, Cl. 4—68.
Robb, George D. Die assembly. 3,213,657, 10–26–65, Cl. 72—24.
Robb, Harold E., Jr., to The Powers Regulator Co. Control circuit. 3,191,068, 6–22–65, Cl. 307—88.5.
Robb, Ian E.: *See*—
Kuehl, Ernest W., and Robb. 3,165,340.
Robb, Theodore D.: *See*—
Mayer, Arthur A., and Robb. 3,201,521.
Robb, Wendell E., to Midland-Ross Corp. Nozzle mixing type gas burner. 3,182,711, 5–11–65, Cl. 158—109.
Robba, Max: *See*—
Pons, André, Robba, and Laurent. 3,209,009.
Robbers, James A.: *See*—
Harvey, Phillip D., Robbers, Scott, and Mason. 3,166,491.
Robbers, James A., to California Research Corp. Hydrocarbon conversion process. 3,172,836, 3–9–65, Cl. 208—59.
Robbins, Alex, to Standard Systems Corp. Push-button selector switch with latch plate means. 3,207,862, 9–21–65, Cl. 200—16.
Robbins, Archie L.: *See*—
Pritchard, James E., and Robbins. 3,206,419.
Robbins Aviation, Inc.: *See*—
Patrick, Ernest G. 3,168,108.
Robbins, Bernard: *See*—
Keck, Harold P. 3,164,086.
Robbins, Burch D. Ridge gap blocker. 3,199,608, 8–10–65, Cl. 172—234.
Robbins, Carl B. Clip for embalming operations. 3,166,819. 1–26–65, Cl. 27—21.
Robbins, Carl G.: *See*—
Laben, Wallace J., Robbins, and Schmidt. 3,167,455.
Robbins, Charles D., to The Machlett Laboratories, Inc. Method of making a conducting plug target. 3,192,135, 6–29–65, Cl. 204—11.
Robbins, Daniel H., M. H. Craft, E. J. Pierce, and J. R. Kane, to Itek Corp. Photographic tank filling apparatus. 3,173,577, 3–16–65, Cl. 222—64.
Robbins, Elmer A.: *See*—
Wright, George W., Robbins, and Hankel. 3,188,005.
Wright, George W., Robbins, Hankel, and Foss. 3,187,945.
Robbins, Frank E.: *See*—
Bennett, Foster C., and Robbins. 3,206,179.
Bennett, Foster C., Robbins, and Warnock. 3,184,811.
Bennett, Foster C., Robbins, and Warnock. 3,184,812.
Robbins, Frank E., to The Dow Chemical Co. Aluminum flux. 3,186,881, 6–1–65, Cl. 148—26.
Robbins, Frank E., to The Dow Chemical Co. Aluminum flux. 3,189.491. 6–15–65, Cl. 148—26
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Robbins, Jack E.: *See*—
Laguzzi, Mario, Martelli, and Robbins. 3,166,077.
Robbins, Jack W.: *See*—
Keck, Harold P. 3,164,086.
Robbins, James D., and R. A. Curtis, to Borg-Warner Corp. Combination laundry and dry cleaner apparatus. Re. 25,784, 5–18–65, Cl. 68—4.
Robbins, James D., and R. A. Curtis, to Borg-Warner Corp. Dry cleaning system. 3,225,572, 12–28–65, Cl. 68—27.
Robbins, James M. Seat belt escutcheon. 3,175,862, 3–30–65, Cl. 297—385.
Robbins, James S., and W. W. Miller, to Goodman Mfg. Co. Aligned assembly method. 3,203,082, 8–31–65, Cl. 29—469.
Robbins, James S. & Associates, Inc.: *See*—
Cannon, Robert E., Winber, McCurdy, and Robbins. 3,220,494.
Robbins, Richard J., and Winberg. 3,191,699.
Robbins, Richard J., and Winberg. 3,216,513.
Robbins, Richard J., Winberg, and Galgoczy. 3,203,737.
Robbins & Myers, Inc.: *See*—
Bolzan, James J., Jr. 3,209,186.
Chang, Sheldon, S. L. 3,203,350.
Fuller, Forrest E. 3,167,676.
Gerlitz, Reuben A. 3,176,751.
Robbins, Neal R.: *See*—
Holladay, Forrest E., and Robbins. 3,211,272.
Robbins, Neal R., and W. E. Dell, to Burroughs Corp. Record sensing mechanism. 3,211,895, 10–12–65, Cl. 235—61.1.

Robbins, Ralph C. Clevis with spring-operated pin. 3,190,-677, 6–22–65, Cl. 280—515.
Robbins, Richard J.: *See*—
Cannon, Robert E., Winberg, McCurdy, and Robbins. 3,220,494.
Robbins, Richard J. Shaft sinking apparatus. 3,185,226, 5–25–65, Cl. 175—102.
Robbins, Richard J., and D. F. Winberg, to James S. Robbins & Associates, Inc. Cutting wheel for rock drilling machine. 3,191,699, 6–29–65, Cl. 175—374.
Robbins, Richard J., D. F. Winberg, and J. Galgoczy, to James S. Robbins & Associates, Inc. Rock drilling machine. 3,203,737, 8–31–65, Cl. 299—31.
Robbins, Richard J., and D. F. Winberg, to James S. Robbins and Associates, Inc. Cutter assemblies for rock drilling. 3,216,513, 11–9–65, Cl. 175—227.
Robbins, Robert C., to Stanford Research Institute. Method of encapsulation of aerosols by in situ polymerization. 3,219,476, 11–23–65, Cl. 117—100.
Robbins, Roscoe S., W. T. Palmer, and J. F. Newell, Jr., to Crown Machine & Tool Co. Apparatus for molding foamable thermoplastic particulate material. 3,224,037, 12–21–65, Cl. 18—5.
Robbins, Roy F., to Louis G., Ernster, d.b.a. Ernco Enterprises. Weigh scale for fish landing nets. 3,223,189, 12–14–65, Cl. 177—149.
Robbins, Samuel B., to General Motors Corp. Transistor ignition system. 3,200,803, 8–17–65, Cl. 123—148.
Robbins, Samuel B., to General Motors Corp. Memory system for powered seat. 3,223,377, 12–14–65, Cl. 248—419.
Robbins, Theodore W.: *See*—
Blair, Harold F., and Robbins. 3,174,744.
Robbins, Thomas R., to United States of America, Atomic Energy Commission. Nuclear reactor control means. 3,219,535, 11–23–65, Cl. 176—17.
Robbins, William K.: *See*—
Bachman, Kenneth C., Behymer, Langdon, Lawson, Manne, Robbins, Rosser, Russell, and Scott. 3,201,342.
Robbins, William K. Nut lock including a washer arm for engaging a bolt thread. 3,208,495, 9–28–65, Cl. 151—25.
Robbins, William K., and J. O. Scott, to Humble Oil & Refining Co. Caustic regeneration. 3,216,795, 11–9–65, Cl. 23—184.
Robbins, William K., and J. O. Scott, to Esso Research and Engineering Co. Caustic regeneration. 3,216,796, 11–9–65, Cl. 23—184.
Roberge, Francis D. Ordnance aerial transfer system. 3,167,278, 1–26–65, Cl. 244—137.
Roberson, Carl, and J. S. Song, to Continental Can Co., Inc. Vented adapter for connecting feeding nipple to end of can. 3,214,053, 10–26–65, Cl. 215—11.
Roberson, Joe E.: *See*—
Nagle, Garrett S., and Roberson. 3,169,300.
Roberson, Robert C., and F. E. Flynn, Jr., to Purex Corp., Ltd. Bottle cap. 3,223,298, 12–14–65, Cl. 222—541.
Robert, André, and A. A. Parrot, to Sud-Aviation Societé Nationale de Constructions Aeronautiques. Miss-distance indicator. 3,205,494, 9–7–65, Cl. 343—6.5.
Robert, André C., to Sud-Aviation Societe Nationale de Constructions Aeronautiques. System for the self-guidance of a missile to a moving target. 3,189,300, 6–15–65, Cl. 244—14.
Robert, Andre C., and L. M. A. G. P. D'Izarny-Gargas, to Sud-Aviation Societe Nationale de Constructions Aeronautiques. Method and device for detecting moving objects by radio means. 3,197,772, 7–27–65, Cl. 343—7.7.
Robert, Andre C., and G. E. R. Trincard, to Sud-Aviation Société Nationale de Constructions Aeronautiques. Optical telemetry devices. 3,224,319, 12–21–65, Cl. 88—1.
Robert, Renald R.: *See*—
Mattern, John S., and Robert. 3,221,365.
Robert, Rene: *See*—
Lemoine, and Robert. 3,217,496.
Robert, Roger A., and P. P. Matge, deceased, by L. R. P., H. S. M. and J. P. L. Matge, to L. R. P. Jacquot, heir of said P. P. Matge, deceased. Closing devices for rocket bomb nozzle. 3,194,119, 7–13–65, Cl. 89—1.7.
Roberts, Alan K. Auxiliary battery arrangement. 3,200,014, 8–10–65, Cl. 136—181.
Roberts, Alan P., to Esso Production Research Co. Bit weight applicator. 3,225,844, 12–28–65, Cl. 175—230.
Roberts, Albert O. Passenger vehicle having pneumatic body and frame. 3,215,113, 11–2–65, Cl. 115—1.
Roberts, Allen W.: *See*—
Rea, Wilton T., and Roberts. 3,199,076.
Roberts, Arthur H. Convertible beach chair-suit case combination. 3,179,465, 4–20–65, Cl. 297—17.
Roberts, Austin L.: *See*—
Hansford, Kenneth R., Roberts, Evans, and Hughes. 3,195,981.
Roberts, Berlon A. Modules for making generally two-dimensional patterns. 3,214,874, 11–2–65, Cl. 52—311.
Roberts, Brian C.: *See*—
Neale, Albert E. T., and Roberts. 3,164,952.
Roberts, Carleton W.: *See*—
Haigh, Daniel H., and Roberts. 3,196,191.
Roberts, Carleton W., and M. B. Chenoweth, to The Dow Chemical Co. Dodecabromopentacyclodecane as an X-ray opaque agent. 3,212,973, 10–19–65, Cl. 167—95.
Roberts, Cecil P., G. J. Foss, and J. C. Runco, to Anchor Hocking Glass Corp. Container headspacer. 3,175,337, 3–30–65, Cl. 53—124.
Roberts, Charles C., and F. R. Moran. Electromagnetically actuated cam-operated rotary multi-switch relay. 3,168,-629, 2–2–65, Cl. 200—104.
Roberts, Charles H.: *See*—
Minnick, Leonard J., and Roberts. 3,206,319.
Roberts, Charles L., and P. W. Stoneburner, to Reynolds Metals Co. Soffit systems. 3,170,266, 2–23–65, Cl. 50—66.
Roberts, Charles P., H. A. Sommers, and N. J. Brunsveld, to Intermountain Research & Development Corp. Method of controlling sulfide concentration to prevent iron contamination in the process of trena. 3,211,519, 10–12–65, Cl. 23—63.
Roberts, Charles W., to Ormond Inc. Angular position indicating device. 3,188,860, 6–15–65, Cl. 73—88.5.
Roberts Consolidated Industries, Inc.: *See*—
Hill, Harvey J. 3,208,095.
Roberts, Dale N. Article handling device. 3,169,643, 2–16–65, Cl. 214—1.
Roberts, Derl G., and H. R. Junken. Tree felling control device. 3,219,075, 11–23–65, Cl. 144—34.
Roberts, Dimon A.: *See*—
Roach, Donald B., Roberts, and Hall. 3,170,824.
Roberts, Donald L., to R. J. Reynolds Tobacco Co. Tobacco. 3,217,717, 11–16–65, Cl. 131—17.
Roberts, Donald L., to R. J. Reynolds Tobacco Co. Tobacco. 3,217,718, 11–16–65, Cl. 131—17.
Roberts, Donald L., and J. N. Schumacher, to R. J. Reynolds Tobacco Co. Tobacco composition. 3,217,716, 11–16–65, Cl. 131—17.
Roberts, Edward H.: *See*—
Loewenthal, Henry J., and Roberts. 3,174,642.
Roberts, Edward S., and L. J. Christmann, to Carbogen Corp. Method of making HCNO. 3,166,390, 1–19–65, Cl. 23—151.
Roberts, Edward S., M. J. Kalous, and M. L. Feuer, executor of the estate of said M. J. Kalous, deceased, to Pullman Inc. Catalyst holder. 3,195,988, 7–20–65, Cl. 23—288.
Roberts, Emory D. Expandable saw blade. 3,198,227, 8–3–65, Cl. 144—239.
Roberts, Eugene, to Koninklijke Pharmaceutische Fabrieken v/h Brocades-Stheemen & Pharmacia, N.V. Medicine for combating illnesses of the central nervous system. 3,179,-563, 4–20–65, Cl. 167—65.
Roberts, Francis P.: *See*—
Wheelwright, Earl J., Bray, Roberts, and Moore. 3,173,-757.
Roberts, Franklin B., to Package Machinery Co. Underlap forming means for wrapping machines. 3,220,160, 11–30–65, Cl. 53—233.
Roberts, Franklin B., and W. Luczek, to Package Machinery Co. Wrapping machine. 3,170,274, 2–23–65, Cl. 53—226.
Roberts, Fred T., & Co.: *See*—
Roberts, Fred T., and R. E. 3,222,728.
Roberts, Fred T., and R. E. 3,223,760.
Roberts, Fred T., and R. E., to Fred T. Roberts & Co. Apparatus for making molded flexible hose. 3,222,728, 12–14–65, Cl. 18—35.
Roberts, Fred T., and R. E., to Fred T. Roberts & Co. Method of making hose. 3,223,760, 12–14–65, Cl. 264—94.
Roberts, Frederick W., D. E. Taylor, and J. A. Rescsanski, to Dictaphone Corp. Remote dictation apparatus. 3,168,621, 2–2–65, Cl. 179—6.
Roberts, George G.: *See*—
Shaw, John B., and Roberts. 3,209,139.
Roberts, George I. Method for severing a coil form winding element. 3,168,847, 2–9–65, Cl. 83—13.
Roberts, George I., to The Bendix Corp. Method of winding a stator. 3,220,094, 11–30–65, Cl. 29—155.5.
Roberts, Herbert B., to Mansfield Sanitary, Inc. Hopper for mechanical seal toilets. 3,214,772, 11–2–65, Cl. 4—79.
Roberts, Herman: *See*—
Wilken, Fred H., and Roberts. 3,191,566.
Roberts, Howard C., to Koehring Co. Position indicating system. 3,203,494, 8–31–65, Cl. 177—1.
Roberts, Howard C., to Koehring Co. Digital to analogue decade converter. 3,210,754, 10–5–65, Cl. 340—347.
Roberts, Irving. Magnetic tape recording and playback systems. 3,166,328, 1–19–65, Cl. 274—4.
Roberts, J. S. Monorail conveyor systems. 3,209,896, 10–5–65, Cl. 198—177.
Roberts, James A., and H. R. Fischer, to Chicago Pneumatic Tool Co. Maximum fluid pressure control device. 3,175,-061, 3–23–65, Cl. 200—82.
Roberts, James J., and L. J. Costanza. Collapsible cover for trucks. 3,168,345, 2–2–65, Cl. 296—100.
Roberts, James R., and V. F. Valerio, to United States Gypsum Co. Prefabricated panel. 3,216,167, 11–9–65, Cl. 52—612.
Roberts, James S., to Milwaukee Chaplet & Mfg. Co., Inc. Mounting structure for a timer. 3,182,520, 5–11–65, Cl. 74—421.5.
Roberts, James S., to Milwaukee Chaplet & Mfg. Co., Inc. Drive mechanism for a stepping switch. 3,198,965, 8–3–65, Cl. 307—141.
Roberts, James S., to Milwaukee Chaplet & Mfg. Co., Inc. Stepping switch system for spacing the steps by non-discrete time intervals. 3,198,966, 8–3–65, Cl. 307—141.
Roberts, James S., to Milwaukee Chaplet & Mfg. Co., Inc. Variable interval stepping switch. 3,198,967, 8–3–65, Cl. 307—141.4.

Roberts, John A.: *See*—
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Kelly, Robert P., Leek, Martin, Morse, Workman, and Roberts. 3,200,710.
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Robertson, Jerry E., to Colgate-Palmolive Co. Diuretic anils. 3,188.329, 6–8–65, Cl. 260—397.7.
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Robinson, John A. Power pack unit for motor vehicles of the miniature or "kart" type. 3,171,293, 3–2–65, Cl. 74—373.
Robinson, John E. Food-handling devices. 3,176,390, 4–6–65, Cl. 30—24.
Robinson, John F., to North American Aviation, Inc. Process and apparatus for filling and for removing contaminants from the flotation chamber of a flotation instrument. 3,190,321, 6–22–65, Cl. 141—1.
Robinson, John W., and F. H. Brock, to A. Staley Mfg. Co. Method for the production of starch base jelly candy. 3,218,177, 11–16–65, Cl. 99—134.
Robinson, Kenneth L.: *See*—
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Robinson, Lawrence B., F. W. Vahldiek, and C. T. Lynch, to United States of America, Air Force. Hot pressing zirconia. 3,218,673, 11–23–65, Cl. 18—34.
Robinson, Leon H., Jr., to Esso Production Research Co. Apparatus for drilling boreholes. 3,185,224, 5–25–65, Cl. 175—2.
Robinson, Leon H., Jr., and R. H. Friedman, to Esso Production Research Co. Apparatus for well drilling operations with explosives. 3,215,074, 11–2–65, Cl. 102—20.
Robinson, Lorne M., to North American Aviation, Inc. Phase-lock receivers. 3,204,185, 8–31–65, Cl. 325—419.
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Robinson, Maurice E., to Clemar Co. Mower. 3,166,880, 1–26–65, Cl. 56—6.
Robinson, Mayes R. Cultivator tool holder. 3,198,262, 8–3–65, Cl. 172—556.
Robinson, Mayes R. Hub and mounting means for a cultivating tool. 3,199,609, 8–10–65, Cl. 172—556.
Robinson, Melvin O., to The Dow Chemical Co. Resistance heated furnace. 3,179,735, 4–20–65, Cl. 13—20.
Robinson, Mendell. Stapedial prosthesis. 3,196,462, 7–27–65, Cl. 3—1.
Robinson, Milton J., W. A. Schroederus, I. B. Engel, W. Reim, and L. Zyniel, to Milwaukee-Ferrometal-Stamping Corp. Hinge means. 3,172,147, 3–9–65, Cl. 16—149.
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Robinson, Myron L., and D. C. Hill. Plastic pipe to metal pipe coupling. 3,222,094, 12–7–65, Cl. 285—256.
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Robinson, Norman M., to Certain-Teed Products Corp. Equipment for arranging packages. 3,195,710, 7–20–65, Cl. 198—33.
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Robinson, Ralph M., and R. G. Sundberg, to Abbott Laboratories. Catalytic hydrogenation of nitro-aromatic compounds to aromatic amines. 3,194,839, 7–13–65, Cl. 260—575.
Robinson, Raymond G. R., to Pye Ltd. Scanning coil assemblies. 3,191,105, 6–22–65, Cl. 317—200.
Robinson, Robert, and G. I. Fray, to Shell Oil Co. Preparation of cyclic hydroxy ketones. 3,180,893, 4–27–65, Cl. 260—586.
Robinson, Robert A., to Beckman Instruments, Inc. Pipette apparatus. 3,203,251, 8–31–65, Cl. 73—425.6.
Robinson, Robert C. Oil temperature regulators for internal combustion engines. 3,213,930, 10–26–65, Cl. 165—38.
Robinson, Robert E., to National Distillers and Chemical Corp. Process for preparing esters. 3,190,912, 6–22–65, Cl. 260—497.
Robinson, Robert J., to Cummins-Chicago Corp. Photocell for detecting limited moving shadow areas. 3,202,827, 8–24–65, Cl. 250—219.
Robinson, Robert R., to The National Cash Register Co. Inking trays. 3,215,073, 11–2–65, Cl. 101—333.
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Robinson, Russell I., to The Louis Allis Co. Electric motor with improved cooling means. 3,188,833, 6–15–65, Cl. 62—505.
Robinson, Russell I., B. T. Hein, and J. W. Purman, to The Louis Allis Co. Electric motor with improved cooling means. 3,207,934, 9–21–65, Cl. 310—57.
Robinson, Russell S., to Pneumo Dynamics Corp. Embedment anchor. Re. 25,764, 4–13–65, Cl. 114—206.
Robinson, Russell S. Multi-barreled projector and block ammunition. 3,208,350, 9–28–65, Cl. 89—34.
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Robischung, Phillip J., to Hammond Machinery Builders, Inc. Belt abrader. 3,209,495, 10–5–65, Cl. 51—141.

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Rocha, John G., to United States of America, Army. Feed mechanism for externally powered automatic gun. 3,182,555, 5–11–65, Cl. 89—33.

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Rodgers, James L., and R. B. Caves. Flow controlling device. 3,214,133, 10–26–65, Cl. 251—175.
Rodgers, James S., to Calumet & Hecla, Inc. Steam condenser of the water tube type. 3,217,799, 11–16–65, Cl. 165—179.
Rodgers, John L., and J. P. Milionis, to American Cyanamid Co. 2-ortho-hydroxy-phenyl-4-(3H)-quinazolinones. 3,169,129, 2–9–65, Cl. 260—251.
Rodgers, John L., and R. A. Coleman, to American Cyanamid Co. S Polyolefins stabilized with (A) a nickel complex of thiobisphenols and (B) a benzophenone. 3,218,294, 11–16–65, Cl. 260—45.75.
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Rodis, Franz, deceased (by H. Rodis, nee Arend, heiress); A. Hinz, and F. Thomas, to Knapsack-Griesheim Aktiengesellschaft. Process for producing a highly porous mass from short slag. 3,203,776, 8–31–65, Cl. 65—20.
Rodish, John, to The Mead Corp. Drum for containing liquids. 3,187,974, 6–8–65, Cl. 229—5.7.
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Rodman, Clarence J., and T. K. Broome, ½ to C. J. Rodman, d.b.a. Alliance Tool Co. Composite coreboard and process for producing same. 3,185,611, 5–25–65, Cl. 161—36.
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Rodman, James B., to Weyerhaeuser Co. Packaging apparatus. 3,208,195, 9–28–65, Cl. 53—387.
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Rodriguez, Emil, to Jacoby-Bender, Inc. Linkage of limited flexibility. 3,183,660, 5–18–65, Cl. 59—82.
Rodriguez, German G., to Fabrica Espanola Magnetos S.A. Starter motors. 3,209,603, 10–5–65, Cl. 74—7.
Rodriquez, Frank G., and L. J. O'Neal, to North American Aviation Inc. Compressed air motor. 3,208,722, 9–28–65, Cl. 253—3.
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Rodway, John, to Automotive Products Co. Ltd. Closed loop, spot type, disc brakes. 3,199,633, 8–10–65, Cl. 188—73.
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Roe, Edward T., and D. Swern, to United States of America, Agriculture. Carboxylated derivatives of oleyl alcohol and method of preparation. 3,169,140, 2–9–65, Cl. 260—410.9.
Roe, Edward T., and D. Swern, to United States of America, Agriculture. Carboxylated derivatives of oleyl alcohol and method for their production. 3,170,939, 2–23–65, Cl. 260—413.
Roe, Elverton O., to General Industries Co. Dynamo-electric machine coil retaining means. 3,226,585, 12–28–65, Cl. 310—194.
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Roe, Ralph C., and J. Lichtenstein, to Burns and Roe, Inc. Apparatus for drying coal in bunkers. 3,181,488, 5–4–65, Cl. 110—101.
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Roelsgaard, Knud, to Danfoss ved ing. M. Clausen. Hermetically-enclosed refrigerating machine. 3,187,992, 6–8–65, Cl. 230—58.
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Roeper, Leo. Cylindrical runway toy. 3,209,491, 10–5–65, Cl. 46—243.
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Roes, John B., W. J. Gauld, and E. S. Pedersen, to United States of America, Navy. Flexible cold side for thermoelectric module. 3,221,508, 12–7–65, Cl. 62—3.
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Roever, William L., to Shell Oil Co. Geophone spread for seismic systems. 3,189,870, 6–15–65, Cl. 340—7.
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Rogallo, Francis M. Flexible wing vehicle configurations. 3,197,158, 7–27–65, Cl. 244—49.
Rogallo, Vernon L., to United States of America, National Aeronautics and Space Administration. Thermo-protective device for balances. 3,218,850, 11–23–65, Cl. 73—147.
Rogallo, Vernon L., to United States of America, National Aeronautics and Space Administration. Null-type vacuum microbalance. 3,224,263, 12–21–65, Cl. 73—142.
Rogalski, Michael, and I. Goldberg, to Rogal Tube Bending Co., Inc. Base construction for chairs. 3,180,685, 4–27–65, Cl. 297—440.
Rogen, Neil E., to Ilikon Corp. Thermal history gage. 3,182,507, 5–11–65, Cl. 73—362.
Rogen, Neil E., and L. J. Bonis, to Ilikon Corp. Stabilized precipitation hardening alloys and method of making. 3,216,870, 11–9–65, Cl. 148—142.
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Rogers, Arthur H., Jr., and J. G. Stranch, to Eastman Kodak Co. Polypropylene composition containing an azelate. 3,189,574, 6–15–65, Cl. 260—31.8.
Rogers, Brian H., to Normalair Ltd. Air conditioning system for ground effect machines. 3,199,578, 8–10–65, Cl. 165—44.
Rogers, C. E., Co.: *See*—
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Rogers, Chester E., Jr., to United Shoe Machinery Corp. Heel attaching machines. 3,167,781, 2–2–65, Cl. 1—335.
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Rogers, Cyril B., to Clark Equipment Co. Air film vehicle. 3,202,232, 8–24–65, Cl. 180—7.
Rogers, Donald G., and D. J. Zeppieri, to Sprague Electric Co. Electric capacitor with porous electrode and method for making same. 3,196,323, 7–20–65, Cl. 317—230.
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Belcher, Harold H., and Rogers. 3,180,399.
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Clark, Robert L., and Rogers. 3,211,613.
Rogers, Edward F., and D. Davids, to Merck & Co., Inc. Fungicidal phenylsydnones. 3,189,520, 6–15–65, Cl. 167—33.
Rogers, Edward F., and R. L. Clark, to Merck & Co., Inc. Anticoccidial compositions and methods of using same. 3,202,576, 8–24–65, Cl. 167—53.1.
Rogers, Edward F., and R. L. Clark, to Merck & Co., Inc. Anticoccidial compositions and method of using same. 3,211,609, 10–12–65, Cl. 167—53.1.
Rogers, Edward F., and R. L. Clark, to Merck & Co., Inc. Benzoic acid ester derivatives for treating coccidiosis and method using same. 3,211,610, 10–12–65, Cl. 167—53.1.
Rogers, Edward F., and W. J. Leanza, to Merck & Co., Inc. Anticoccidial compositions and method of using same. 3,211,612, 10–12–65, Cl. 167—53.1.
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Rogers, Ford, Jr. Cigarette packaging. 3,226,010, 12–28–65, Cl. 229—87.
Rogers, Forrest E. Letter selecting device for use in word building game. 3,226,122, 12–28–65, Cl. 273—142.
Rogers, Francis R., to The Bendix Corp. Variable torque transmitting mechanism for a re-expansion gas turbine. 3,188,807, 6–15–65, Cl. 60—39.16.
Rogers, Francis W., to Riegel Paper Corp. Method of making dispensing carton with cutting edge. 3,193,427, 7–6–65, Cl. 156—211.
Rogers, Fred L., Jr., to International Business Machines Corp. Wide-record narrow-read magnetic head. 3,171,107, 2–23–65, Cl. 340—174.1.
Rogers, Fred L., Jr., to International Business Machines Corp. Monostable multivibrator utilizing unidirectional device in cross-coupling to isolate output from input during quiescent condition. 3,226,576, 12–28–65, Cl. 307—88.5.
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Rogers, Howard G., to Polaroid Corp. Photographic processes. 3,196,014, 7–20–65, Cl. 96—29.
Rogers, Howard G., to Polaroid Corp. Multilayer lenticular light polarizing device. 3,213,753, 10–26–65, Cl. 88—65.
Rogers, Howard G., and H. W. Lutes, to Polaroid Corp. Multicolor diffusion transfer method and element. 3,192,044, 6–29–65, Cl. 96—3.
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Rogers, John L., and H. T. Mann, to Thompson Ramo Wooldridge Inc. Superconductive information handling arrangement. 3,164,808, 1–5–65, Cl. 340—173.1.
Rogers, John M. Pipe joint refacing apparatus. 3,181,398, 5–4–65, Cl. 82—4.
Rogers, John V., to Tektronix, Inc. Pulse generator circuit. 3,214,607, 10–26–65, Cl. 307—88.5.
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Rogers, Lee R., and G. J. Zahradnik, to A. B. Dick Co. Sheet feeding mechanism having corner and center separators. 3,210,071, 10–5–65, Cl. 271—21.
Rogers, Leonard O., Jr. Pneumatic tire low pressure actuated switch. 3,211,849, 10–12–65, Cl. 200—61.25.
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Rogers, Max W., to Admiral Corp. Automatic reverberation control. 3,221,092, 11–30–65, Cl. 84—1.24.
Rogers, Maxwell B., and D. T. Breckenridge, to Catalyst Research Corp. Heating device for joining pipe. 3,220,630, 11–30–65, Cl. 228—44.
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Rogers, Robert W. Orthopedic foot brace. 3,171,407, 3–2–65, Cl. 128—80.
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Rogers, Thelmer A. Crank arm axle. 3,175,842, 3–30–65, Cl. 280—124.
Rogers, Thelmer A. Vibrating plow. 3,183,979, 5–18–65, Cl. 172—40.
Rogers, Thomas E., to Nopco Chemical Co. Modification of zinc hydrosulfite crystals by use of high molecular weight colloidal materials. 3,197,289, 7–27–65, Cl. 23—300.
Rogers, Walter C., Jr., to General Steel Products, Inc. Sofa bed mechanism. 3,165,757, 1–19–65, Cl. 5—13.
Rogers, William C. Rotatable antenna connector. 3,181,100, 4–27–65, Cl. 339—8.
Rogerson, John, and H. C. Wilding, to Carmmell Laird and Co. (Shipbuilders & Engineers) Ltd. Machine bearings. 3,199,933, 8–10–65, Cl. 308—121.
Rogerson, John R. Lobster trap davit. 3,181,263, 5–4–65, Cl. 43—8.
Rogerson, Norman R. Pre-cut stencils capable of defining three distinct stencil areas. 3,194,153, 7–13–65, Cl. 101—128.1.
Rogerson, Thomas W., to General Time Corp. Torque lock release for clutch motors. 3,175,416, 3–30–65, Cl. 74—405.
Rogerson, Thomas W., to General Time Corp. Interval timer. 3,207,933, 9–21–65, Cl. 307—141.
Rogg, Otto, to Carl Hurth Machinen und Zahnrad-Fabrik. Gear cutting machine. 3,180,228, 4–27–65, Cl. 90—4.
Rogg, Otto, to C. Hurth. Work holding, clamping and centering devices for machine tools. 3,200,711, 8–17–65, Cl. 90—1.
Roggenkamp, George H., to Yale & Towne, Inc. Battery fed plural motor control system for an industrial truck. 3,168,-688, 2–2–65 Cl. 318—17.
Rogholt, Arthur. Edger attachment for paint brushes. 3,210,-791, 10–12–65, Cl. 15—248.
Rogier, Edgar R., to General Mills, Inc. (Gamma-aminopropyl) aminohydroxyalkyl amines. 3,169,991, 2–16–65, Cl. 260—570.5.
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Romek, Arpad, to Seco Steel Equipment Co. p.v.b.a. Composite girder assembly. 3,180,463, 4–27–65, Cl 189—37.

Romeo, Albert J., and C. A. Lee, to Sperry Rand Corp. Card stacker. 3,188,083, 6–8–65, Cl. 271—71.

Romeo, Alfa, S.p.A.: *See*—
Garcea, Giampaolo. 3,177,854.

Romeo, Angelo T.: *See*—
Baron, Paul L., Hamaker, and Romeo. 3,181,979.

Romeo, Frank R.: *See*—
Noble, James W., Orr, and Romeo. 3,164,884.

Romeo, Neil M.: *See*—
Marsee, Frederick J., Romeo, and Dirda. 3,168,599.
Sterner, Melvin F., Romeo, Marsee, and Egerer. 3,207,-490.

Romeo, Neil M., and W. E. Egerer, deceased (by D. F. Egerer, executor), to Holley Carburetor Co. Power valve. 3,172,-923, 3–9–65, Cl. 261—69.

Romeo, Philip L.: *See*—
Andersen, Holger C., and Romeo. 3,180,902.

Romero, Frederick B. Construction of marine vessels hulls. 3,165,083, 1–12–65, Cl. 114—65.

Romero, Victor R., to Union Steel Products Co. Display racks. 3,164,108, 1–5–65, Cl. 108—28.

Romero-Gonzalez, Angel: *See*—
Vian-Ortuno, Angel, Iriarte-Fernandez, and Romero-Gonzalez. 3,172,755.

Romesberg, Floyd E., R. J. Matheison, and L. E. Lefevre, to The Dow Chemical Co. Process for producing microporous films. 3,226,462, 12–28–65, Cl. 264—216.

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Rommel, Friedrich W. and R. Toggle pliers with means for relative parallel movement of jaws. 3,195,382, 7–20–65, Cl. 81—373.

Rommel, Reiner: *See*—
Rommel, Friedrich W. and R. 3,195,382.

Romney, Russell H., to Sperry Rand Corp. Rotary latch. 3,169,607, 2–16–65, Cl. 188—69.

Romney, Russell H., to Sperry Rand Corp. Multiple circuit rotary switch with resilient annular contact biasing means. 3,197,579, 7–27–65, Cl. 200—11.

Romney, Russell H. Multi-purpose pack carrier. 3,225,985, 12–28–65, Cl. 224—25.

Romoli, Mario. Rotary internal combustion engine. 3,221,-715, 12–7–65, Cl. 123—8.

Romoser, Paul E. Liquid applicator. 3,196,479, 7–27–65, Cl. 15—571.

Rompel, Walter: *See*—
Haberkorn, Otto, Rompel, and Roth. 3,217,855.

Romsdal, Håkon O. Steering means for vehicles. 3,166,338, 1–19–65, Cl. 280—21.

Romsdal, Hakon O. Vehicle with endless tracks self-elevatable relative to skids. 3,191,703. 6–29–65, Cl. 180—5.

Romvari, Bela L., to Sperry Rand Corp. Zero detector for a positioning system. 3,209,338, 9–28–65, Cl. 340—174.1.

Róna, János: *See*—
Ernst, Adolphe O. G., Jardinier, and Róna. 3,169,000.
Ernst, Adolphe O. G., Jardinier, and Rona. 3,193,218.

Ronai, Bela: *See*—
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Ronan, Ernest A. Crossbow pistol. 3,224,427, 12–21–65, Cl. 124—25.

Ronay, Geza S.: *See*—
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Albiniano, Larry. 3,213,502.
Ronci, Fernando M. Molded composite heel and removable tap. 3,184,865, 5–25–65, Cl. 36—34.
Ronco, Karl, to Ciba Ltd. Azo-dyestuffs. 3,174,961, 3–23–65, Cl. 260—203.
Ronco, Karl, to Ciba Ltd. Azo dyestuffs. 3,219,655, 11–23–65, Cl. 260—203.
Rones, James M., and R. E. Whaley, to American Associated Companies, Inc. Mop head assembly. 3,174,172, 3–23–65, Cl. 15—147.
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De Vries, Machiel. 3,178,520.
De Vries, Machiel. 3,218,399.
De Vries, Machiel. 3,221,110.
Vunderink, Ate. 3,190,727.
Vunderink, Ate. 3,190,728.
Roney, George M. Clamp type animal restraining device. 3,186,380, 6–1–65, Cl. 119—103.
Roney, John E., W. C. Stuckrath, and A. C. McInnes, to Mine Safety Appliances Co. Gas-drying apparatus. 3,171,726, 3–2–65, Cl. 55—275.
Roney, Richard N.: *See*—
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Giardini, Dante S., and Roney. 3,172,240.
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Olson, Raymond G., and Ronfeldt. 3,200,596.
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Rongey, Clarence H.: *See*—
Zavertnik, Marshall G., and Rongey. 3,189,955.
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Rongved, Paul I.: *See*—
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Ronk, Leroy B., to System Analyzer Corp. Electric service system. 3,183,362, 5–11–65, Cl. 307—38.
Ronk, Richard G., to Westinghouse Electric Corp. Food mixer with vertical action beaters. 3,218,043, 11–16–65, Cl. 259—129.
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Nordstrom, Carl J., and Ronnhult. 3,185,264.
Ronnie Jewelry, Inc.: *See*—
Razza, Luca. 3,177,682.
Ronning, Jacob A. Rotary lawn tool with gathering means. 3,221,483, 12–7–65, Cl. 56—27.
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Aronson, Louis V., II, Tone, Oberg, and Nissman. 3,220,-450.
Bungardt, Walter. 3,203,790.
Freedman, Lawrence I., and Tone. 3,171,994.
Freedman, Lawrence I., Tone, and Werner. 3,224,743.
Smith, James D., and Davies. 3,223,139.
Taylor, William D., and Crookes. Re. 25,898.
Zellweger, Conrad and Retzler. 3,208,243.
Zellweger, Conrad, and Retzler. 3,221,782.
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La Monica, Frank. Re. 25,758.
Ronzheimer, Stephen P., to Hazeltine Research, Inc. Frequency modulated subcarrier detector. 3,172,047, 3–2–65, Cl. 329—126.
Ronzheimer, Stephen P., to Hazeltine Research Inc. Balanced frequency detector circuit. 3,172,053, 3–2–65, Cl. 329—134.
Ronzio, Anthony R., and J. F. Sherwood, to Thermal Hydraulics, Inc. Preparation of paraffin wax for utilizing its thermal expansion properties. 3,193,600, 7–6–65, Cl. 264—102.
Rood, Alvin A., to General Motors Corp. Hydraulic steering system. 3,163,986, 1–5–65, Cl. 60—52.
Rood, Alvin A., to General Motors Corp. Pilot operated hydraulic control system for scrapers. 3,177,599, 4–13–65, Cl. 37—129.
Rood, Alvin A., to General Motors Corp. Vehicle seat. 3,211,-411, 10–12–65, Cl. 248—399.
Rood, Alvin A., to General Motors Corp. Sealing arrangement. 3,214,181, 10–26–65, Cl. 277—170.
Rood, William E., Jr., to Garland Sales Co. Belt tightener. 3,164,027, 1–5–65, Cl. 74—242.12.
Rood, William E., Jr. Cotton cleaner. 3,173,544, 3–16–65, Cl. 209—108.
Rood, William E., Jr., and W. G. Rood. Trash lifting system. 3,217,878, 11–16–65, Cl. 209—78.
Rood, William G.: *See*—
Rood, William E., Jr., and W. G. Rood. 3,217,878.
Roode, Melvin V.: *See*—
Harris, Edward P., Moorman, Roode, and Lyday. 3,219,-733.
Roode, Melvin V., to General Motors Corp. Magnetic sealing strip. 3,173,066, 3–9–65, Cl. 317—158.
Roof, James L., to Westinghouse Electric Corp. Dynamoelectric machine excitation control by use of pulse width modulation. 3,170,109, 2–16–65, Cl. 322—28.
Roof, James L., to Westinghouse Electric Corp. Electrical control apparatus. 3,209,235, 9–28–65, Cl. 322—28.
Roof, Lewis B.: *See*—
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Roof, Lewis B., and M. E. Reinecke, to Phillips Petroleum Co. Temperature control of a confined space. 3,165,147, 1–12–65, Cl. 165—2.
Rook, Charles G. Hollow panel with integral key connecting feature. 3,224,155, 12–21–65, Cl. 52—593.
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Rooker, Randolph M. Land anchor. 3,216,159, 11–9–65, Cl. 52—158.
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Rooney, William J. Outlet supporting device. 3,221,287, 11–30–65, Cl. 339—28.
Rooney, William J. Container closure with integral spout. 3,225,970, 12–28–65, Cl. 222—484.
Roop, Donald E., and G. R. Riley, to Brunswick Corp. Magnetic pin detection switch. 3,164,383, 1–5–65, Cl. 273—52.
Roop, Robert W., and J. C. Siegrist, to General Atronics Corp. Educational apparatus. 3,218,733, 11–23–65, Cl. 35—9.
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Malz, Hugo, Bayer, Roos, Göbel, and Gröne. 3,172,871.
Suling, Carlhans, Logemann, and Roos. 3,218,285.
Roos, Ernst, to Farbenfabriken Bayer Aktiengesellschaft. N, N′,N-trisubstituted p-phenylenediamine. 3,211,793, 10–12–65, Cl. 260—577.
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Roos, Jan, to High Voltage Engineering Corp. Positive corona stabilization apparatus for an electrostatic voltage generator. 3,185,915, 5–25–65, Cl. 322—2.
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Roos, John T., to Bird Machine Co. Machine and method for compacting materials. 3,188,372, 6–8–65, Cl. 264—287.
Roos, John T., to Bird Machine Co. Horizontal filter structure. 3,216,576, 11–9–65, Cl. 210—328.
Roos, Siegfried, to Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek ten Behotve van. Method for making girdles. 3,202,147, 8–24–65, Cl. 125—30.
Roos, Wilfried F.: *See*—
Wustenhagen, Ernst, and Roos. 3,188,072.
Wustenhagen, Ernst, and Roos. 3,190,635.
Wustenhagen, Ernst, Doetsch, Otto, and Roos. 3,207,498.
Roos, Wilfried F., to Stabilus, Industrie- und Handelsgesellschaft m.b.H. Multi-stage pneumatic spring. 3,171,643, 3–2–65, Cl. 267—65.
Roos, William N., to Dezurik Corp. Eccentric plug valve having anti-slamming means. 3,170,669, 2–23–65, Cl. 251—160.
Roos, William R., to Bowers Mfg. Co., Inc. Outlet box support. 3,214,126, 10–26–65, Cl. 248—318.
Roos, Wolfgang, to Carl Zeiss. Telescopic spectacles. 3,202,-046, 8–24–65, Cl. 88—34.
Roosa, Vernon D. Electric pump. 3,174,433, 3–23–65, Cl. 103—53.
Roosa, Vernon D. Fuel supply system. 3,181,468, 5–4–65, Cl. 103—2.
Roosa, Vernon D., to Inventions Management Corp. Magazine and safety trip for fastening device. 3,198,412, 8–3–65, Cl. 227—8.
Roosa, Vernon D. Fuel pump. 3,204,561, 9–7–65, Cl. 103—2.1.
Roosa, Vernon D. Fuel injection pump timing device. 3,204,-622, 9–7–65, Cl. 123—139.
Roosa, Vernon D. Fuel pump. 3,207,140, 9–21–65, Cl. 123—140.
Roosa, Vernon D. Fuel pump. 3,215,079, 11–2–65, Cl. 103—2.
Roosa, Vernon D. Pump regulator. 3,219,020, 11–23–65, Cl. 123—140.
Roosa, Vernon D. Fuel injection nozzle. 3,224,684, 12–21–65, Cl. 239—533.
Roosevelt, Richard A. Can end feeder. 3,164,269, 1–5–65, Cl. 214—6.
Root, Charles W., to The Bendix Corp. Torsional and axially movable resilient rotor structure for electric switches. 3,218,401, 11–16–65, Cl. 200—11.
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Root, John J., to The Electric Storage Battery Co. Batteries. 3,201,279, 8–17–65, Cl. 136—6.
Root, Lloyd W., Jr., to United States of America, Army. Variable electromagnetic short circuit. 3,212,037, 10–12–65, Cl. 333—98.
Root, Nathan: *See*—
Petrasch, Kurt. 3,181,259.
Root, Raymond C., to Loup Engineering Corp. Corner joinder of channelled frames. 3,182,771, 5–11–65, Cl. 189—36.
Root, Raymond C., to Dale Electronics, Inc. Mounting bracket for trimmer potentiometers or the like. 3,182,807, 5–11–65, Cl. 211—49.
Root, Raymond C., to Dale Electronics, Inc. Mounting bracket for trimmer potentiometers. 3,202,291, 8–24–65, Cl. 211—49.
Root, Raymond C., to Dale Electronics, Inc. Electrical resistor unit. 3,209,300, 9–28–65, Cl. 338—302.
Root, Robert S., to Lipe-Rollway Corp. Sealed oil pull clutch with brake. 3,179,217, 4–20–65, Cl. 192—13.
Root, Robert S., to Lipe-Rollway Corp. Clutch brake. 3,203,-520, 8–31–65, Cl. 192—13.
Root, Victor N. Wind break. 3,226,091, 12–28–65, Cl. 256—12.5.
Root, Viotti E. Traffic control hive base. 3,200,419, 8–17–65, Cl. 6—4.
Roovers, Wilhelmus A., to North American Philips Co., Inc. Semiconductor device in cold-welded envelope. 3,182,117, 5–4–65, Cl. 174—52.
Roozemond, Robert C., to Koninklijke Pharmaceutische Farbrieken v/h Brocades Stheeman en Pharmacia, N.V. Ethers of indolyl-benzyl alcohols. 3,202,677, 8–24–65, Cl. 260—319.
Roozemond, Robert C., to Koninklifke Pharmaceutische Fabrieken v/h Brocade Stheeman en Pharmacia, N.V. Aryl indolyl alkenyl amines. 3,218,333, 11–16–65, Cl. 260—319.
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Steiner, Herbert M. E., and Roper. 3,213,041.
Roper, Alec N., and E. G. Barber, to Shell Oil Co. Process of preparing expanded polystyrene containing a polyolefin. 3,224,984, 12–21–65, Cl. 260—2.5.
Roper, Charles G., to G. C. Roper. Flat eccentrically pivoted coil type meter movement and housing therefor. 3,204,-184, 8–31–65, Cl. 324—150.
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Mosbacher, Bruce H. 3,204,572.
Roper, John H. Positive crankcase ventilation. 3,175,546, 3–30–65, Cl. 123—119.
Roper, John K., to Atlantic Hydrofoils, Inc. Mechanical control for submerged hydrofoil systems. 3,170,432, 2–23–65, Cl. 114—66.5.
Roper, John N., Jr., to Eastman Kodak Co. Liquid phase for gas-liquid chromatographic column packing. 3,169,390, 2–16–65, Cl. 73—23.1.
Roper, Ralph E., to Wallace Expanding Machines, Inc. Method of forming metallic sheet members. 3,222,910, 12–14–65, Cl. 72—332.
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Roraback, Harry G. Balanced golf club head including flat alignment shoulder between reduced toe and thickened heel. 3,226,123, 12–28–65, Cl. 273—164.
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Rorden, Harold L. Insulated personnel carrier. 3,196,980, 7–27–65, Cl. 182—46.
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Rorden, William L., to Varian Associates. Traveling wave amplifier tube having novel stop-band means to prevent backward wave oscillations. 3,200,286, 8–10–65, Cl. 315—3.5.
Rordorf, Horst. Discharge chamber with current lead-in. 3,180,816, 4–27–65, Cl. 204—312.
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Rorig, Kurt J., to G. D. Searle & Co. 4-alkyl-1-(cyclic imidoalkyl) piperidines. 3,171,839, 3–2–65, Cl. 260—294.
Rorig, Kurt J., and H. A. Wagner. 3,5-dialkylated-2-amino-6-aryl-4(3H)-pyrimidinones. 3,214,430, 10–26–65, Cl. 260—256.4.
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Hallatt, Robert J., and Whitebook. 3,166,914.
Hallatt, Robert J., and Whitebook. 3,166,917.
Rorschach, Robert L. Jet pump absorption refrigeration. 3,167,929, 2–2–65, Cl. 62—101.
Rorvik, John. Hydraulic shifting device. 3,212,407, 10–19–65, Cl. 91—347.
Rosa, John, and E. P. Ross, to Westinghouse Electric Corp. Plural motor current limit regulator. 3,189,807, 6–15–65, Cl. 318—98.
Rosa, Josef, V. Petr, J. Sečkăr, Z. Koupil, and J. Novak. Method of heat treatment of powdered raw material. 3,203,-681, 8–31–65, Cl. 263—21.
Rosa, Prisco, E. C. Haskell, J. A. Mascaro, and A. M. Tringali, to Interchemical Corp. Apparatus for determining the temperature of a coating during curing. 3,188,853, 6–15–65, Cl. 73—15.
Rosa, Richard J., to Avco Corp. Magnetohydrodynamic equipment for producing A.C. power. 3,179,873, 4–20–65, Cl. 322—2.
Rosa, Richard J., to Avco Corp. Magnetohydrodynamic generator. 3,182,213, 5–4–65, Cl. 310—11.
Rosa, Richard J., to Avco Corp. MHD generator for producing A.C. power. 3,209,179, 9–28–65, Cl. 310—11.
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Rosaen, Nils O. 3,224,583.
Rosaen, Nils O. 3,224,584.
Rosaen, Nils O., to The Rosaen Filter Co. Fluid system fittings. 3,190,445, 6–22–65, Cl. 210—117.
Rosaen, Nils O., to The Rosaen Filter Co. Dual filter device, 3,224,583, 12–21–65, Cl. 210—90.
Rosaen, Nils O., to The Rosaen Filter Co. Combination filter and unloading valve. 3,224,584, 12–21–65, Cl. 210—91.
Rosaen, Oscar E., to B. Rosaen. Fluid pumps. 3,194,168, 7–13–65, Cl. 103—136.
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Rosán, José. 3,190,169.
Rosán, José. 3,221,791.
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Rosan, Joseph. 3,167,105.
Rosan, Jose, to Rosan Engineering Corp. Self-aligning two-part threaded fastener unit. 3,177,916, 4–13–65, Cl. 151—41.73.
Rosán, José, to Rosán Engineering Corp. Insert having internal drive grooves. 3,190,169. 6–22–65, Cl. 85—45.
Rosán, José, to Rosán Engineering Corp. Nut-type fastener incorporating frusto-conical lock and method of fabricating same. 3,221,791, 12–7–65, Cl. 151—21.
Rosán, José, and A. J. La Torre, to Rosán Engineering Corp. Method of forming spiral thread lock. 3,163,872, 1–5–65, Cl. 10—86.
Rosan, Joseph, to Rosan Engineering Corp. Self-locking nut and bolt unit. 3,167,105, 1–26–65, Cl. 151—11.
Rosanes, Jacob. Structural elements and the manufacture thereof. 3,218,839, 11–23–65, Cl. 72—412.
Rosanowski, Oswald J., and H. Hanigck, to Allbau Entwicklungs G.m.b.H. u. Co. Spot-type disc brake. 3,213,969, 10–26–65, Cl. 188—73.
Rosback, F. T., Co.: *See*—
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Rosch, Eduard, to Dixi S.A. Machines outils Usine II. Device for automatically adjusting a machine part. 3,219,894, 11–23–65, Cl. 318—18.
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Morris, George V., Roschke, Druz, and Miller. Re. 25,837.
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Rose, Arthur, to Applied Science Laboratories. Partial freezing purification process. 3,204,419, 9–7–65, Cl. 62—58.
Rose, Arthur, to Applied Science Laboratories. Simultaneous heat and mass transfer process. 3,220,203, 11–30–65, Cl. 62—58.
Rose, Arthur J. Templates or drawing guides or instruments. 3,224,100, 12–21–65, Cl. 33—95.
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Pearson, Frederick H. 3,208,191.
Rose, Clarence W., to Rose Mfg. Co. Boatswain's chair. 3,165,168, 1–12–65, Cl. 182—3.
Rose, Clarence W., to Rose Mfg. Co. Safety head rest. 3,172,702, 3–9–65, Cl. 297—397.
Rose, Colin G., and H. W. Derrick, Jr. Dewatering screen having liquid film disrupting barrier. 3,169,111, 2–9–65, Cl. 210—247.
Rose, Donald H.: *See—*
Hockings, William A., Rose, and Gaudin. 3,224,835.
Rose, Edgar, to Kiekhaefer Corp. Starter mechanism for reversible engine. 3,176,525, 4–6–65, Cl. 74—6.
Rose, Edgar, to Kiekhaefer Corp. Fuel supply system for internal-combustion engines. 3,198,180, 8–3–65, Cl. 123—59.
Rose, Emilie O. Collapsible easel and support therefor. 3,201,080, 8–17–65, Cl. 248—460.
Rose, Ernst: *See—*
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Rose, Floyd R. Mobile home and boat combination. 3,193,321, 7–6–65, Cl. 296—23.
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Hovnanian, Hrair P., McCarthy, and Rose. 3,195,536.
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Rose, Frank L., to Avco Corp. Self-retaining retractor. 3,196,865, 7–27–65, Cl. 128—20.
Rose, Frank L., and T. A. Brennan. Protective switch device for a spark plug. 3,190,979, 6–22–65, Cl. 200—52.
Rose, Fritz: *See—*
Osthaus, Kaspar H., Rose, Linke, and Wagner. 3,175,959.
Rose, Glenn R., to Programmed & Remote Systems Corp. Sequential motor control for mechanized feeding. 3,175,139, 3–23–65, Cl. 318—102.
Rose, Gus C., to Motorola, Inc. Cavity resonator tuning device with fixed capacitor moving across the electric and magnetic fields therein. 3,218,587, 11–16–65, Cl. 334—45.
Rose, Harry H.: *See—*
Sabin, Byron J., and Rose. 3,180,606.
Rose, Henry. Children's training attachment for toilet bowl. 3,205,509, 9–14–65, Cl. 4—107.
Rose, Henry S.: *See—*
Fay, Robert J., Mathews, and Rose. 3,210,823.
Rose, Herman. Artist's easel. 3,165,367, 1–12–65, Cl. 312—231.
Rose, Howard E.: *See—*
Headings, William W., and Rose. 3,185,105.
Rose, Ira M.: *See—*
Ginos, James Z., Rose, and Christian. 3,168,578.
Weinstein, Robert, Rose, and Christian. 3,168,577.
Rose, Jack H., to Massey-Ferguson Inc. Adjustable steering wheel particularly for hydrostatic steering systems. 3,205,968, 9–14–65, Cl. 180—79.2.
Rose, John J. Ultraviolet light sensitive fuel modulating apparatus for turbine engines. 3,212,261, 10–19–65, Cl. 60—39.28.
Rose, Jonathan I. Dual control for an automobile. 3,174,359, 3–23–65, Cl. 74—562.5.
Rose, Joseph W., and G. S. Thompson, to The Boeing Co. Attach and release mechanism. 3,179,461, 4–20–65, Cl. 294—83.
Rose, Leslie D.: *See—*
Chown, Robert G., and Rose. 3,225,829.
Rose Mfg. Co.: *See—*
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Rose, Clarence W. 3,172,702.
Rose Operating Valve Co.: *See—*
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Rose, Otha A., to The Mead Corp. Packing case. 3,187,975, 6–8–65, Cl. 229—14.
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Larson, Melvin E. 3,182,147.
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Rose, Peter H., to High Voltage Engineering Corp. Apparatus for measuring and displaying the characteristics of beams of charged particles. 3,207,982, 9–21–65, Cl. 324—71.
Rose, Ralph, J. F. Freeman, and R. W. Entler, to H. K. Porter Co., Inc. Brick cladding apparatus. 3,180,069, 4–27–65, Cl. 53—209.
Rose, Robert M., and W. F. Heine, to Potter Instrument Co., Inc. Method of making a selective type drum. 3,177,807, 4–13–65, Cl. 101—401.3.
Rose, Werner, and H. Kolenda, to GEA-Luftkuhler-Gesellschaft m.b.H. Distilling arrangement. 3,165,455, 1–12–65, Cl. 202—189.
Rose, William J.: *See—*
Barton, David K., and Rose. 3,196,433.
Rose, William R.: *See—*
Fogiel, Adolf W., and Rose. 3,184,445.
Ro-Search, Inc.: *See—*
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Rosekrans, Alvie. Pipe sleeve holder. 3,167,310, 1–26–65, Cl. 269—52.
Rosell, Lester P., to Buckeye Iron & Brass Works. Lever operated nozzle. 3,168,125, 2–2–65, Cl. 141—346.
Roselle, Richard D., and K. S. Adams. Space divider. 3,175,604, 3–30–65, Cl. 160—378.
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Andersen, Roger K., and Roseman. 3,177,780.
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Rich, Stanley R. 3,198,890.
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Valakos, Agis, and Rosen. 3,200,336.
Rosen, Carol G. A., to Darlite Corp. Article of bonded ferrous metal and aluminum. 3,203,321, 8–31–65, Cl. 92—223.
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Rosen, Frank L., and J. F. Flood, to North American Aviation, Inc. Linear amplifier with a non-linear feed-back network. 3,166,720, 1–19–65, Cl. 330—110.
Rosen, George, to United Aircraft Corp. Marine propeller. Re. 25,776, 5–11–65, Cl. 170—135.24.
Rosen, Harold A.: *See—*
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Rosen, Harold A., to United States of America, Navy. Precision target using single sideband modulator. 3,167,768, 1–26–65, Cl. 343—17.7.
Rosen, Inge H. R., and S. H. A. Weiertz, to Volvo, Aktiebolaget. Arrangement in vehicle axles associated with a planetary type bevel gearing. 3,199,375, 8–10–65, Cl. 74—713.
Rosen, Irving: *See—*
Slezak, Frank B., Rosen, and Neros. 3,165,521.
Rosen, Irving, to Diamond Alkali Co. Aromatic diol chain-extended polyester urethanes. 3,196,132, 7–20–65, Cl. 260—75.
Rosen, Leo. High speed perforator. 3,181,783, 5–4–65, Cl. 234—119.
Rosen, Leo, to Anelex Corp. Digital coordinate resolver. 3,184,847, 5–25–65, Cl. 33—1.
Rosen, Leonard B. Razor blade package. 3,219,180, 11–23–65, Cl. 206—16.
Rosen, Louis J. Endodontic cutter. 3,209,458, 10–5–65, Cl. 32—40.
Rosen, Raphael, to United States of America, Atomic Energy Commission. Corrosion resistant sealing structure. 3,201,082, 8–17–65, Cl. 251—368.
Rosen, Robert, to International Telephone and Telegraph Corp. Thermostat case. 3,181,724, 5–4–65, Cl. 220—31.
Rosen, Samuel R.: *See—*
Nord, Eric T., and Rosen. 3,175,075.
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Rosen, Seymour, to Technicon Instruments Corp. Photosensitive liquid examining means for electrophoresis apparatus. 3,226,556, 12–28–65, Cl. 250—226.
Rosen, Seymour, and R. B. Palmer, to United States of America, Atomic Energy Commission. Bubble chamber illumination means. 3,226,539, 12–28–65, Cl. 240—41.3.
Rosen, Sidney. Sampling machine. 3,197,285, 7–27–65, Cl. 23—253.
Rosen, William E., and C. F. Huebner, to Ciba Corp. Catalytic reduction of 2-oximinoindane to 2-aminoindane. 3,196,181, 7–20–65, Cl. 260—578.
Rosenak, Irwin, to Inland Steel Co. Adjustable hood construction for metallurgical furnace. 3,205,810, 9–14–65, Cl. 98—115.
Rosenak, Irwin, to Inland Steel Co. Container with expendable closure. 3,206,047, 9–14–65, Cl. 214—35.
Rosenau, Milton D., Jr., R. M. Scott, and P. F. Forman, to The Perkin-Elmer Corp. Heat insulating window. 3,192,575, 7–6–65, Cl. 20—56.5.
Rosenbaum, Arthur, C. E. Moody, and E. A. Blanton. Pulse duration telemeter receiver. 3,177,477, 4–6–65, Cl. 340—206.
Rosenbaum, Charles H., and H. Znamirowski, to Eastern Products Corp. Pleater hook. 3,191,665, 6–29–65, Cl. 160—348.
Rosenbaum, Erik, to The Bendix Corp. Short pulse eliminator discriminator utilizing feed-back to effect desired output pulses. 3,226,570, 12–28–65, Cl. 307—88.5.
Rosenbaum, Kurt, to The B. F. Goodrich Co. Work locating fixture and sealing die assembly. 3,172,798, 3–9–65, Cl. 156—380.

Rosenbaum, Saul, to Leviton Mfg. Co., Inc. Control circuit for incandescent lamp or the like. 3,218,511, 11–16–65, Cl. 315—207.
Rosenberg, Allan E., to Garde Mfg. Co. Printed circuit card rack. 3,184,069, 5–18–65, Cl. 211—41.
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Rosenberg, Harold B., and J. Weiner, to Electronic Devices, Inc. Sealed semiconductor housings. 3,210,618, 10–5–65, Cl. 317—234.
Rosenberg, Harry, to Gewerkschaft Eisenhuette Westfalia. Travelling hydraulic development frame for mining operations. 3,174,289, 3–23–65, Cl. 61—45.
Rosenberg, Harvey, to Burroughs Corp. Cryotron counter circuit with automatic reset. 3,218,471, 11–16–65, Cl. 307—88.5.
Rosenberg, Harvey, and J. W. Steckert, to Burroughs Corp. Signal reject circuit for monitoring mixed plural signals. 3,225,330, 12–21–65, Cl. 340—147.
Rosenberg, Jack, to General Electric Co. Automatic gauging system. 3,164,909, 1–12–65, Cl. 33—174.
Rosenberg, Joseph, to General Electric Co. Ethoxyline resin compositions. 3,214,408, 10–26–65, Cl. 260—47.
Rosenberg, Joseph, and W. N. Larsen, to General Electric Co. Electromagnetic construction. 3,182,383, 5–11–65, Cl. 29—155.57.
Rosenberg, Milton, to Geigy Chemical Corp. Magnetic tape having improved antistatic properties. 3,205,092, 9–7–65, Cl. 117—138.8.
Rosenberg, Milton, to Ampex Corp. Magnetic memory system. 3,212,071, 10–12–65, Cl. 340—174.
Rosenberg, Milton, H. W. Zussman, and R. Beaudoin, to Geigy Chemical Corp. Anti-electrostatic imidazoline salts for resin compositions. 3,210,312, 10–5–65, Cl. 260—30.2.
Rosenberg, Norman W., and D. S. Golomb, to United States of America, Air Force. Artificial glow in the upper-atmosphere. 3,212,441, 10–19–65, Cl. 102—87.
Rosenberg, Peretz. Automatic flow rate responsive shut-off valve. 3,177,890, 4–13–65, Cl. 137—460.
Rosenberg, Peretz. Automatic shut-off valve responsive to rate of flow. 3,183,928, 5–18–65, Cl. 137—460.
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Mittler, Martin A., Offerman, Pittman, and Rosenberg. 3,212,049.
Rosenberg, Richard A., and M. A. Mittler, to Industrial Electronic Hardware Corp. Multilayer circuitry with spring strips. 3,212,048, 10–12–65, Cl. 339—18.
Rosenberg, Richard M., to E. I. du Pont de Nemours and Co. Perfluoroisopropylsulfur (IV) fluorides. 3,170,954, 2–23–65, Cl. 260—543.
Rosenberg, Saul R., to Food Corp. of America. Peanut butter dispenser. 3,165,127, 1–12–65, Cl. 141—83.
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Rosenberger, Gustav, and M. Stober. Holding magnet for ferromagnetic foreign bodies in ruminants. 3,187,239, 6–1–65, Cl. 317—201.
Rosenberger, Harold E., and H. D. Korones, to Bausch & Lomb Inc. Zoom optical system. 3,170,984, 2–23–65, Cl. 88—57.
Rosenberry, George M., and T. W. Salmon, to General Electric Co. Generator compensation system. 3,189,814, 6–15–65, Cl. 322—25.
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Rosenblad, Curt F. Recovery of SO_2 gas resulting from the blowing of a digester in sulphite pulp digestion. 3,172,802, 3–9–65, Cl. 162—52.
Rosenblad, Curt F. Flexible plate heat exchangers with variable spacing. 3,211,219, 10–12–65, Cl. 165—166.
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Jenssen, Sverre K. 3,196,937.
Rosenblatt, David H., and G. H. Broome, to United States of America, Army. Epoxides from ethylenic compounds containing electron-withdrawing groups. 3,183,250, 5–11–65, Cl. 260—348.
Rosenblatt, Frank, to Cornell Aeronautical Laboratory, Inc. Pattern recognizing apparatus. 3,192,505, 6–29–65, Cl. 340—146.3.
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Schwartz, Daniel M., and Rosenblatt. 3,185,242.
Rosenblum, Joseph L., to Sperry Rand Corp. Mechanical coupling device having one way clutch and shaft aligning means. 3,198,304, 8–3–65, Cl. 192—48.
Rosenblum, Lester A. Apparatus for balancing wheel assemblies. 3,201,997, 8–24–65, Cl. 73—480.
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Doedens, James D., Rosenbrock, and Hebert. 3,219,628.
Rosenbrock, Howard H., and J. J. Jiskoot, to John Brown Constructors Ltd. Apparatus for controlling flow of material 3,174,504, 3–23–65, Cl. 137—486.
Rosenburg, Charles W., Jr., to F. N. Burt Co., Inc. Hexagonal cartons. 3,174,675, 3–23–65, Cl. 229—41.
Rosenburg, Charles W., Jr., to F. N. Burt Co., Inc. Display devices. 3,179,246, 4–20–65, Cl. 206—78.
Rosenburg, Charles W., Jr., to F. N. Burt Co., Inc. Multicell cartons. 3,184,142, 5–18–65, Cl. 229—28.
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Rosenburgh, Norman J., and E. O. Wangerin, to Eastman Kodak Co. Projection printer. 3,183,768, 5–18–65, Cl. 88—24.
Rosendahl, Arvid V., to Konstruktioner & Experiment A.B. Hatches for ship's holds. 3,197,193, 7–27–65, Cl. 268—75.
Rosener, Ernest B. Anodizing rack and method of making same. 3,176,850, 4–6–65, Cl. 211—117.
Rosener, Joseph, Jr., and D. G. Van Ornum, to Giannini Scientific Corp. Gas discharge light source with a recirculating gas supply. 3,172,000, 3–2–65, Cl. 313—12.
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Rosenfeld, Alan S., to Crown Zellerbach Corp. Recovery process for calcium-base sulfite spent liquor. 3,226,190, 12–28–65, Cl. 23—131.
Rosenfeld, Alexander. Controllably changeable-expression face-simulating device. 3,193,969, 7–13–65, Cl. 46—135.
Rosenfeld, Harry: *See*—
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Rosenfeld, Morton M. Reinforced wall structure. 3,166,873, 1–26–65, Cl. 50—373.
Rosenfeld, Morton M. Wall structure with interlocked blocks. 3,170,267, 2–23–65, Cl. 50—78.
Rosenfeld, Morton M. Generator and ventilation means. 3,185,873, 5–25–65, Cl. 310—66.
Rosenfeld, Morton M. Concrete door. 3,189,951, 6–22–65, Cl. 20—35.
Rosenfeld, Morton M. Wall and block therefor. 3,196,582, 7–27–65, Cl. 50—144.
Rosenfeld, Morton M. Apparatus for generating electricity and heating articles. 3,215,561, 11–2–65, Cl. 136—4.
Rosenfeld, Morton M. Wall structure and building block therefor. 3,222,840, 12–14–65, Cl. 52—561.
Rosenfeld, Peter E., to Bell Telephone Laboratories, Inc. Self-correcting shift-register distributor. 3,178,586, 4–13–65, Cl. 307—88.5.
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Rosenfelder, William J., to Dublon, Inc. Polyolefin compositions containing mineral oil and mineral fillers. 3,203,921, 8–31–65, Cl. 260—33.6.
Rosengarten, Walter E., Jr., A. T. Flower, and D. L. Buchanan, said Flower and said Buchanan assors. to said Rosengarten. Apparatus for sealing mains. 3,178,793, 4–20–65, Cl. 25—127.
Rosenheinrich, René. and H. Kursawe, to Siemens-Schuckertwerke Aktiengesellschaft. Semiconductor apparatus with concentric pressure contact electrodes. 3,192,454, 6–29–65, Cl. 317—234.
Rosenkrantz, Julius E. Multipurpose gardening and agricultural implement. 3,173,495, 3–16–65, Cl. 172—375.
Rosenkranz, Carl-Georg, and F. Muller, to Halstenbach and Co. Weft bobbin. 3,172,619, 3–9–65, Cl. 242—165.
Rosenkranz, George: *See*—
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Ringold, Howard J., and Rosenkranz. 3,176,032.
Ringold, Howard J., and Rosenkranz. 3,203,965.
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Rosenkranz, George, and M. Velasco, to Syntex Corp. 16β-methyl-16α, 17α-dihydroxy pregnenes and the 16α, 17α-cyclic ketals and acetals thereof. 3,167,545, 1–26–65, Cl. 260—239.55.
Rosenman, Leo, to The Aerospace Corp. Piezoelectric transducer arrangement. 3,181,016, 4–27–65, Cl. 310—8.3.
Rosenoff, Alan E., to Polaroid Corp. Process for preparing cyanine spectral sensitizing dyes. 3,177,210, 4–6–65, Cl. 260—240.65.
Rosenstein, Abraham J.: *See*—
Rosenstein, Nathan and A. J. 3,164,882.
Rosenstein, Allen B. Resistive core balancing for magnetic reactor circuits. 3,170,106, 2–16–65, Cl. 321—25.
Rosenstein, Allen B. Self-saturating reactor system. 3,182,245, 5–4–65, Cl. 321—16.
Rosenstein, Allen B. Converter system. 3,200,321, 8–10–65, Cl. 321—3.
Rosenstein, Ludwig, and M. H. Gorin. Concentration by solid formation. 3,205,671, 9–14–65, Cl. 62—58.

Rosenstein, Ludwig, and M. H. Gorin. Separating components of a freeze concentration process by an intermediate density layer. 3,213,633, 10–26–65, Cl. 62—58.
Rosenstein, Milton, to Hazeltine Research, Inc. Sweep signal generating circuit stabilized against noise and component drift problems. 3,187,263, 6–1–65, Cl. 328—185.
Rosenstein, Nathan and A. J., to Spunize Co. of America, Inc. Apparatus and method for crimping of natural and synthetic textile material. 3,164,882, 1–12–65, Cl. 28—1.
Rosenston, David, to Crane Co. Adapter for limit switch or the like. 3,180,949, 4–27–65, Cl. 200—47.
Rosenthal, Adolph H., to Kollsman Instrument Corp. Scanning system for light tracking device. 3,192,824, 7–6–65, Cl. 88—1.
Rosenthal, Adolph H., deceased (by L. S. Rosenthal, executrix), to Kollsman Instrument Corp. Infrared imaging device using depositable materials. 3,207,843, 9–21–65, Cl. 178—6.8.
Rosenthal, Arnold J., to Celanese Corp. of America. Corrosion inhibition. 3,220,866, 11–30–65, Cl. 106—181.
Rosenthal, Christian, to Chemische Werke Munchen Otto Barlocher G.m.b.H. Stabilizer-lubricant aggregate. 3,216,-566, 11–9–65, Cl. 206—84.
Rosenthal, Daniel. Mixing apparatus for quickly reactive components. 3,207,486, 9–21–65, Cl. 259—8.
Rosenthal, Edgar J. M., and J. T. Bullock, to Rotunda Ltd. Flame resistant pressure-sensitive adhesive materials. 3,212,925, 10–19–65, Cl. 117—122.
Rosenthal, Erwin W.: *See*—
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Rosenthal, Harry. Sheet material feeding device. 3,177,-748, 4–13–65, Cl. 83—171.
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Rosenthal, Louis A., to Union Carbide Corp. Treating of plastic surfaces. 3,196,270, 7–20–65, Cl. 250—49.5.
Rosenthal, Richard A. Automatic record cleaning mechanism. 3,203,701, 8–31–65, Cl. 274—47.
Rosenthal, Robert A.: *See*—
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Bonetti, Giovanni A., De Savigny, Michalski, and Rosenthal. 3,192,248.
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Iacoviello, John G., and Rosenthal. 3,222,381.
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Rosenthal, Sol R. Transcutaneous injection device. 3,167,-073, 1–26–65, Cl. 128—253.
Rosenthal, Sol R. Laboratory burner. 3,168,640, 2–2–65, Cl. 219—242.
Rosenthal, Sol R. Toilet tissue. 3,211,145, 10–12–65, Cl. 128—260.
Rosenthal, Sol R. Injection device. 3,221,739, 12–7–65, Cl. 128—253.
Rosenthal, Sol R. Injection device. 3,221,740, 12–7–65, Cl. 128—253.
Rosenthal, Walter. Self-opening pull out letter. 3,215,337, 11–2–65, Cl. 229—86.
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Rosenvold, Robert J. and L. K. 3,214,865.
Rosenvold, Robert J. and L. K. Plant protector. 3,214,865, 11–2–65, Cl. 47—29.
Rosenwald, Robert H., to Universal Oil Products Co. Preparation of unsymmetrical disulfides. 3,205,268, 9–7–65, Cl. 260—608.
Rosenzweig, William, to Fashion Development Corp. Adjustable strap. 3,222,687, 12–14–65, Cl. 2—323.
Rosenzweig, William, to Fashion Development Corp. Adjustable strap. 3,222,688, 12–14–65, Cl. 2—323.
Rosenzweig, William. Method of making an adjustable loop bow and resultant product. 3,223,440, 12–14–65, Cl. 289—1.2.
Roser, Robert A. Mechanical vendor for articles. 3,180,518, 4–27–65, Cl. 221—39.
Roser, Robert A., and R. P. Hoke, to Thiele Engineering Co. Product arranger. 3,220,158, 11–30–65, Cl. 53—164.
Roshala, John L. Linear magnetic drive system. 3,225,228, 12–21–65, Cl. 310—12.
Roshon, Clyde C., to International Business Machines Corp. Film strip or chip picking mechanism. 3,175,855, 3–30–65, Cl. 294—104.
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Rosin, Seymour, and C. D. Bryant, to Grimson Color Inc. Dimension measuring and comparing arrangement. 3,178,-510, 4–13–65, Cl. 178—6.8.
Rosinek, Isidore. Portable high voltage test stick. 3,183,439, 5–11–65, Cl. 324—122.
Rosinger, Herbert P., and J. T. Hackmann, to Shell Oil Co. 2,6-dichlorobenzamidines. 3,189,649, 6–15–65, Cl. 260—564.
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Rossnan, Michael. Fishing tackles. 3,222,814, 12–14–65, Cl. 43—36.
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Roth, Howard T., C. H. Lamendola, and N. J. Kennedy, to Interchemical Corp. Diepoxide-containing polyester resins and coating compositions containing them. 3,173,971, 3–16–65, Cl. 260—834.
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Rotolico, Anthony J., to Metco, Inc. Powder flame spray gun nozzle. 3,171,599, 3–2–65, Cl. 239—85.
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Rottmann, Hans R., to Owens-Illinois Glass Co. Method and apparatus for inspecting glass containers. 3,180,994, 4–27–65, Cl. 250—222.
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Roubal, Alexander J., to Allis-Chalmers Mfg. Co. Gib and cotter bolt assembly. 3,203,548, 8–31–65, Cl. 209—399.
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Rougement, Rene L. Apparatus for closing, locking and opening a mold. 3,191,235, 6–29–65, Cl. 18—43.
Roujob, Leopold A. G., to Societe Belge Prat-Daniel, Societe Anonyme. Apparatus for filtering dust-laden gases. 3,209,-521, 10–5–65, Cl. 55—293.
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Rounsevell, Wade W., to Hydroconic Ltd. Power-assisted control systems. 3,171,290, 3–2–65, Cl. 74—388.
Rouse, Benjamin P., Jr., and H. F. Gober, Jr., to Eastman Kodak Co. Cellulose ester article having reduced blushing. 3,216,840, 11–9–65, Cl. 106—177.
Rouse, Thomas P. M., Jr. Pressure vessels. 3,167,204, 1–26–65, Cl. 220—5.
Rouse, Thomas P. M., Jr. Method of fabricating pressure vessels. 3,193,919, 7–13–65, Cl. 29—477.
Rousseau, Leo J. Automatic vehicle washing machine. 3,196,-888, 7–27–65, Cl. 134—45.
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Nomine, Gerard, Bucourt, and Pierdet. 3,198,707.
Nomine, Gerard, and Bucourt. 3,207,663.
Nomine, Gerard, and Bucourt. 3,207,664.
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Rousselet, Leroy H. Grass trimmer. 3,174,224, 3–23–65, Cl. 30—264.
Roussin, Alfred G., to General Electric Co. Ignition circuit for an arc-discharge lamp in a projection system. 3,219,-756, 11–23–65, Cl. 178—7.5.
Roussin, Rene, to Schlumberger Well Surveying Corp. Method and apparatus for operating borehole equipment. 3,177,-938, 4–13–65, Cl. 166—4.
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Rouverol, William S. Variable speed transmission. 3,204,-476, 9–7–65, Cl. 74—198.
Roux, André. Boat and luggage carrier. 3,186,569, 6–1–65, Cl. 214—450.
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Rowan, Thomas, and H. C. S. Wood, to Burroughs Wellcome & Co. (U.S.A.) Inc. Process for the preparation of riboflavin and the 2-imino-2′-hydroxyethyl derivative thereof. 3,214,425, 10–26–65, Cl. 260—211.3.
Rowand, Ronald P., and H. W. La Rose, Jr. Polytetrafluoroethylene tubing having electrically conductive properties. 3,166,688, 1–19–65, Cl. 317—2.
Rowbottam, Francis W. Method for screen assembly. 3,214,-314, 10–26–65, Cl. 156—160.
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Rowe, Alvah L., Jr., and T. B. Truscott, to Monsanto Co. Production of acrylic fibers by spinning into a high solvent, low temperature spin bath. 3,193,603, 7–6–65, Cl. 264—182.
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Schriesheim, Alan, and Rowe. 3,217,050.
Rowe, Donald C. Food containers. 3,203,573, 8–31–65, Cl. 220—23.6.
Rowe, Edward L., to Carr Lowrey-Glass Co. of Baltimore County. Blowing mechanism and method of making articles with two openings. 3,195,995, 7–20–65, Cl. 65—70.
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Rowe, George E., to Emhart Corp. Take-out mechanism for double gob glassware forming machine. 3,220,566, 11–30–65, Cl. 214—1.

Rowe, George E., to Emhart Corp. Glassware forming machine. 3,223,511, 12–14–65, Cl. 65—240.
Rowe, Gerwyn T., G. A. Whittard, and A. W. Melhuish, to Westinghouse Brake and Signal Co., Ltd. Railway braking apparatus. 3,196,985, 7–27–65, Cl. 188—62.
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Rowe, Horace N. Antenna support fixture with quick release feature to enable lowering and raising. 3,208,702, 9–28–65, Cl. 248—43.
Rowe, Jay H., Jr., to E. I. du Pont de Nemours and Co. Tool immobilizer circuit. 3,171,062, 2–23–65, Cl. 317—18.
Rowe, Lacy A. Spinning reel. 3,166,267, 1–19–65, Cl. 242—84.2.
Rowe, Lancelot W., to National Lead Co. Method for improving the gloss properties of titanium dioxide pigments. 3,172,772, 3–9–65, Cl. 106—300.
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Rowe, Mark R., H. C. Zeisloft, and C. B. McCathron, to General Motors Corp. Low oil pressure sensitive engine governor. 3,176,672, 4–6–65, Cl. 123—198.
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Rowe, Robert, to Societe de l'Accumulateur Fulmen. Regulating system for batteries. 3,175,146, 3–23–65, Cl. 320—9.
Rowe, Robert. Spray gun transition piece. 3,182,866, 5–11–65, Cl. 222—464.
Rowe, William D., and L. Solsnes, to Westinghouse Electric Corp. Frequency comparator. 3,210,565, 10–5–65, Cl. 307—88.5.
Rowe, William E., to Columbia Broadcasting System, Inc. Combined circuit and mount and method of manufacture. 3,176,191, 3–30–65, Cl. 317—101.
Rowekamp, Edward F., to Lodge & Shipley Corp. Transfer feed conveyor. 3,185,288, 5–25–65, Cl. 198—203.
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Rowell, Lorne A., and P. A. Tillich, to Imperial Tobacco Co. of Canada Ltd. Tower type pneumatic separator. 3,164,548, 1–5–65, Cl. 209—139.
Rowell, Neal P., and J. Wharton, to Courtaulds, Ltd. Method for impregnating regenerated cellulose filament tows and making staple fibers therefrom. 3,173,752, 3–16–65, Cl. 8—116.4.
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Rowland, John, and W. N. N. Knight, to The British Petroleum Co. Ltd. Two stage hydrogenation process. 3,190,830, 6–22–65, Cl. 208—255.
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Rowland, Stanley P., to Rohm & Haas Co. Tetraalkyl pyromellitate plasticizers and plasticized polyvinyl compositions. 3,218,289, 11–16–65, Cl. 260—31.8.
Rowland, Stanley P., and E. G. Pritchett, to National Distillers and Chemical Corp. Hydrogenated difunctional acids. 3,222,394, 12–7–65, Cl. 260—515.
Rowland, William P., to Rowland Products, Inc. Snow vehicle. 3,199,888, 8–10–65, Cl. 280—18.
Rowland, William P., to Rowland Products, Inc. Printing plate. 3,218,971, 11–23–65, Cl. 101—401.1.
Rowland-Hill, Edward W., to International Harvester Co. Dual grain tanks for a combine. 3,213,601, 10–26–65, Cl. 56—473.5.
Rowlands, Richard O., to United States of America, Navy. System for eliminating own doppler. 3,195,104, 7–13–65, Cl. 340—5.
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Roy, Gustave, L. Colson, and M. Decuypere, to Commissariat a L'Energie Atomique. Process for the preparation of tertiary alkyl amines. 3,169,995, 2–16–65, Cl. 260—585.
Roy, Henry A., Sr., to Quality Controls Co., Inc. Plug valve having renewable sealing inserts. 3,218,026, 11–16–65, Cl. 251—317.
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Royce, Richard K., to United States of America, Navy. Open wire directional electromagnetic coupler. 3,169,219, 2–9–65, Cl. 324—95.

Royer, Clady J. Equalizer bar for use in tracked vehicles. 3,198,275, 8–3–65, Cl. 180—9.6.

Royer, Jean, to L'Air Liquide Societe Anonyme pour l'Etudes et l-Exploitation des Procedes Georges Claude. Highly effective thermol insulation. 3,198,687, 8–3–65, Cl. 161—43.

Royer, Paul, to Etablissements H. Royer & Ses Fils. Typographic plates and process of making same. 3,220,348, 11–30–65, Cl. 101—395.

Royer, Thurber W., J. S. Brower, and N. Brunetz, to Aerojet-General Corp. Liquid chlorinated organic compound sensitizing agents. 3,184,351, 5–18–65, Cl. 149—2.

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Rozlog, Matt, and J. L. Williams. Sheet material dispenser. 3,167,368, 1–26–65, Cl. 312—39.

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Rozsnyo, Ernest R. Combustion chamber for liquid fuel. 3,199,569, 8–10–65, Cl. 158—91.

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Rubenstein, David. Traffic markers. 3,164,071, 1–5–65, Cl. 94—1.5.

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Rubenstein, Irving. Apparatus for making and packaging ice cream sandwiches. 3,182,611, 5–11–65, Cl. 107—1.

Rubenstein, Jacob H. Metering apparatus. Re. 25,931, 12–7–65, Cl. 73—228.

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Garnier, Henri L., Rubet, Desroches, Marchal, and Neulien. 3,168,977.

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Rubin, Benjamin A., to American Home Products Corp. Pronged vaccinating and testing needle. 3,194,237, 7–13–65, Cl. 128—253.

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Rubin, Richard, D. Ferrante, and A. R. Stratoti, to Sylvania Electric Products, Inc. Main reflector and feed systems with aperture blocking correction. 3,204,243, 8–31–65, Cl. 343—778.

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Rubinstein, Joseph, to General Slicing Machine Co., Inc. Cutting implements affording adjustment for thickness of slice. 3,191,301, 6–29–65, Cl. 30—293.
Rubinstein, Matthew N. Shopping bag with attached coupon. 3,220,634, 11–30–65, Cl. 229—54.
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Rubinstein, William C., to Paramount Picture Corp. Subscription-television receiver having rate set by program selector. 3,182,121, 5–4–65, Cl. 178—5.1.
Rubinstein, William C., and G. Brownstein, to Paramount Pictures Corp. Pay-television receiver having program selection according to amount of prepayment. 3,192,313, 6–29–65, Cl. 178—5.1.
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Rubio, Alfred M., and W. G. Horler, to Beltone Electronics Corp. Microminiature multipole, mutiposition, electrical switch construction. 3,171,905, 3–2–65, Cl. 200—11.
Rubissow, George A. Link system for an accelerator pedal. 3,164,031, 1–5–65, Cl. 74—513.
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Ruby, Clair J., to S. A. Armstrong, Ltd. Motor pump unit. 3,203,353, 8–31–65, Cl. 103—87.
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Ruchser, Erich, to E. Herion. Control mechanism for presses. 3,175,659, 3–30–65, Cl. 192—12.
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Ruckelshaus, John G. Multi-turn potentiometer. 3,214,720, 10–26–65, Cl. 338—148.
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Rucker, Howard L., to Johns-Manville Corp. Process for producing a molded-gasket from polytetrafluoroethylene and a butadiene-acrylonitrile elastomer. 3,223,676, 12–14–65, Cl. 260—41.5.
Rucker, J. W., and P. Thomas. Plastic bag sealer and trimmer. 3,214,317, 10–26–65, Cl. 156—515.
Ruckle, William T., and M. Sparks, Jr., to Armstrong Cork Co. Cleaning pad. 3,177,055, 4–6–65, Cl. 51—295.
Ruckriegel, Raymond J., F. A. Kirchhubel, and J. O. Moorhead, to Texas Instruments Inc. Thermostatic switch and method of assembly. 3,164,702, 1–5–65, Cl. 200—138.
Ruckriegel, Raymond J., F. A. Kirchhubel, and J. O. Moorhead, to Texas Instruments Inc. Thermostatic switch and method of assembly. 3,212,351, 10–19–65, Cl. 74—503.
Rucks, Edward L., and H. R. Grant, to Aerojet-General Corp. Laminate structure of alternate layers of metal and glass fiber tapes. 3,189,054, 6–15–65, Cl 138—143.
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Rudd, David W., to Metal Hydrides Inc. Apparatus for use in effecting chemical reactions. 3,210,162, 10–5–65, Cl. 23—285.
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Rudelick, John, to Bruner Corp. Ion exchange water softening system. 3,166,499, 1–19–65, Cl. 210—136.
Rudelick, John, to Bruner Corp. Control valve mechanism for water treating device. 3,169,110, 2–9–65, Cl. 210—191.
Rudelick, John, to Bruner Corp. Control valve for water softeners. 3,181,564, 5–4–65, Cl. 137—599.1.
Rudelick, John, to Bruner Corp. Control valve mechanism. 3,187,771, 6–8–65, Cl. 137—599.1.
Rudelick, John, to Bruner Corp. Briner with adjustable brine draw-off. 3,190,726, 6–22–65, Cl. 23—267.
Rudelick, John, to Bruner Corp. Float actuated fill valve. 3,202,174, 8–24–65, Cl. 137—432.
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Ruderian, Max J. Educational toy device. 3,171,656, 3–2–65, Cl. 273—142.
Ruderian, Max J. Educational toy device. 3,199,231, 8–10–65, Cl. 35—74.
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Rudnick, Jack, to J. and B. Rudnick. Folding door structure and assembly. 3,221,804. 12–7–65, Cl. 160—206.
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Rudnicki, William E., to Ford Motor Co. Support means for vehicle axle to control movement thereof with respect to the vehicle chassis. 3,195,675, 7–20–65, Cl. 180—88.
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Rudolph, Rome R. Power driven golf cart. 3,167,146, 1–26–65, Cl. 180—19.

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Rudolph, Rome R., and C. J. Strutz, Jr., to Carl Strutz & Co., Inc. Method and apparatus for decorating bottles. 3,221,-643, 12–7–65, Cl. 101—38.

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Rudszinat, Willy, and H. Kaeding, to Hauni-Werke Korber & Co. K.G. Method of and apparatus for reversing stick-shaped articles. 3,176,825, 4–6–65, Cl. 198—32.

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Ruehrwein, Robert A., to Monsanto Co. Altering proportions in vapor deposition process to form a mixed crystal graded energy gap. 3,218,203, 11–16–65, Cl. 148—175.

Ruehrwein, Robert A., to Monsanto Co. Use of hydrogen halide as a carrier gas in forming II-VI compound from a crude II-VI compound. 3,218,204, 11–16–65, Cl. 148—175.

Ruehrwein, Robert A., to Monsanto Co. Use of hydrogen halide and hydrogen in separate streams as carrier gases in vapor deposition of III-V compounds. 3,218,205, 11–16–65, Cl. 148—175.

Ruehrwein, Robert A., to Monsanto Company. Use of hydrogen halide and hydrogen in separate streams as carrier gases in vapor deposition of II–VI compounds. 3,224,912, 12–21–65, Cl. 148—175.

Ruehrwein, Robert A., to Monsanto Company. Altering proportions in vapor deposition process to form a mixed crystal graded energy gap. 3,224,913, 12–21–65, Cl. 148—175.

Ruemens, Wilhelm, N. Goetz, R. Zeidler, and H. Tulo, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for improving textile fabrics. 3,220,869, 11–30–65, Cl. 117—11.

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Ruff, Norbert C. and R. J., to Universal Oil Products Co. Rigid catalytic metallic unit and method for the production thereof. 3,208,131, 9–28–65, Cl. 29—157.

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Ruge, Arthur C., to Baldwin-Lima-Hamilton Corp. Temperature compensation for condition response of a condition-responsive network. 3,178,938, 4–20–65, Cl. 73—141.

Ruge, Arthur C., to Baldwin-Lima-Hamilton Corp. Dead weight calibrating device with extended range. 3,194,050, 7–13–65, Cl. 73—1.

Ruger, Sturm, and Co., Inc.: *See*—
Ruger, William B., and Sefried. 3,183,617.

Ruger, William B., and H. H. Sefried, II, to Ruger, Sturm, and Co., Inc. Gun barrel mounting. 3,183,617, 5–18–65, Cl. 42—75.

Rugg, Donald E., and W. R. Orr. Reclining mechanism for wheelchairs and the like. 3,191,990, 6–29–65, Cl. 297—83.

Rugg, E. T., Co., The: *See*—
Grobowski, Ben T. 3,181,745.

Ruggiero, Fabrizio. Portable fire extinguishing device. 3,203,484, 8–31–65, Cl. 169—32.

Rugh, Albert L., to Chemical Construction Corp. Production of sulfuric acid. 3,172,725, 3–9–65, Cl. 23—168.

Rugsten, Johan F., to Telefonaktiebolaget L M Ericsson. Contact device for printed circuits. 3,188,435, 6–8–65, Cl. 200—166.

Ruhala, Joseph D., to General Motors Corp. Handle fastener. 3,184,270, 5–18–65, Cl. 306—41.

Ruhala, Joseph D., and R. A. Martin, to General Motors Corp. Throttle valve control apparatus. 3,193,183, 7–6–65, Cl. 230—31.

Ruhemann, Martin S. W., and W. L. Seddon, to Petrocarbon Developments Ltd. Production of nitrogen. 3,203,193, 8–31–65, Cl. 62—13.

Ruhge, Justin M., to United States of America, Navy. Method and photocell device for obtaining light source position data. 3,211,911, 10–12–65, Cl. 250—203.

Ruhl, Noah E. Fishing and trolling rod. 3,184,879, 5–25–65, Cl. 43—42.74.

Ruhland, Roman C., to Minneapolis-Honeywell Regulator Co. Differential amplifier with supply voltage compensation. 3,171,982, 3–2–65, Cl. 307—88.5.

Ruhland, Roman C., to Honeywell Inc. Preset circuit for a solid state magnetic oscillator. 3,225,311, 12–21–65, Cl. 331—113.

Ruhland, Walter F.: *See*—
Bishman, Walter A., and Ruhland. 3,164,197.
Bishman, Walter A., and Ruhland. 3,164,198.
Swenson, William E., Ruhland, and Albertson. 3,164,199.

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Gärtner, Gustav, Ruhle, and Mutschler. 3,177,134.

Ruhling, Ted H., to Nylon Netting Products, Inc. Swimming pool cleaning implement. 3,220,037, 11–30–65, Cl. 15—1.7.

Ruhlman, Jon R., to Preformed Line Products Co. Appliance for linear bodies. 3,219,298, 11–23–65, Cl. 248—63.

Ruhlman, Jon R., and H. L. Williams, to Preformed Line Products Co. Indicating device for cables. 3,183,883, 5–18–65, Cl. 116—114.
Ruhman, Smil: *See*—
Beck, Robert M., Fuller, McAfee, and Ruhman. 3,182,304.
Ruhnke, Richard R., to Garcy Corp. Support clip. 3,199,822, 8–10–65, Cl. 248—243.
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Ucinhaska, Bruno. 3,211,114.
Ruhrchemie Aktiengesellschaft: *See*—
Feichtinger, Hans. 3,219,524.
Feichtinger, Hans, and Linden. 3,176,024.
Feichtinger, Hans, and Tomuschat. 3,164,631.
Roelen, Otto, and Rottig. 3,218,357.
Roelen, Otto, and Rottig. 3,219,685.
Rottig, Walter, and Liethen. 3,218,304.
Ruhrgas A.G.: *See*—
Wunsch, Walther, and Puff. 3,180,691.
Ruhrstahl Huttenwerke, Aktiengesellschaft: *See*—
Spolders, Rudolf, Breuing, and Pieper. 3,201,226.
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Ruiz, Alexander A., and S. C. 3,180,219.
Ruiz, William B. Stay mechanism for self-closing door hinge. 3,212,126, 10–19–65, Cl. 16—189.
Ruizzo, Constantino. Roulette game spinner. 3,222,069, 12–7–65, Cl. 273—142.
Rukavina, Frank, to Illinois Tool Works Inc. Automatic rim rolling apparatus. 3,192,565, 7–6–65, Cl. 18—19.
Ruland, Fred F. Permeability tuning. 3,214,716, 10–26–65, Cl. 336—131.
Rule, Edwin L., to Hexcel Products Inc. Apparatus for manufacturing honeycomb. 3,184,365, 5–18–65, Cl. 156—548.
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Perls, Thomas A., Rule, Field, and Suellentrop. 3,165,-913.
Suellentrop, Fred J., Brown, and Rule. 3,184,959.
Rulf, Elmer G., to Eldon Mfg. Co., Inc. Method for the production of bangle and mounting strip assemblies. 3,172,198, 3–9–65, Cl. 29—416.
Rulf, Elmer G., to Eldon Mfg. Co., Inc. Display rack. 3,172,-539, 3–9–65, Cl. 211—59.
Rumbaugh, William A., to National Broach & Machine Co. Gear honing tool. 3,206,893, 9–21–65, Cl. 51—206.
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Feldmann, Klaus, Rumberg, Klee, Floor, and Schummer. 3,201,052.
Rumberg, Alfred, W. Krauss, G. Rittershausen, W. Damgen, and R. Fruhling, to Knapsack Aktiengesellschaft. Cover with removable parts for electric furnaces. 3,222,445, 12–7–65, Cl. 13—9.
Rumberg, Karl-Axel: *See*—
Carlstrom, Borge I., and Rumberg. 3,220,970.
Rumberger, George G., to KVP Sutherland Paper Co. Folding cartons constructed of particular laminated sheet materials. 3,194,469, 7–13–65, Cl. 229—3.1.
Rumberger, George G., to KVP Sutherland Paper Co. Sealable overlap carton. 3,194,473, 7–13–65, Cl. 229—37.
Rumberger, George G., to KVP Sutherland Paper Co. Heat-sealing cartons. 3,194,474, 7–13–65, Cl. 229—37.
Rumberger, George G., to KVP Sutherland Paper Co. Containers and container closures. 3,194,479, 7–13–65, Cl. 229—43.
Rumble, Dale H., to International Business Machines Corp. Noise analyzer. 3,176,070, 3–30–65, Cl. 178—69.
Rumble, Dale H., to International Business Machines Corp. Multiplexing and communication system with highly damped gated signal generator. 3,205,311, 7–6–65, Cl. 179—15.
Rumble, Richard K. Seat belt assembly. 3,164,409, 1–5–65, Cl. 297—388.
Rumble, Richard K. Retracting seat belt assembly. 3,184,-267, 5–18–65, Cl. 297—388.
Rumble, Robert C.: *See*—
Britton, Donald H., Hoyer, and Rumble. 3,192,725.
Hoyer, Wilmer A., and Rumble. 3,185,849.
Rumble, Robert C., and W. A. Hoyer, to Jersey Production Research Co. Cooling radiation detectors in well logging apparatus. 3,167,653, 1–26–65, Cl. 250—71.5.
Rumble, William G., to Radio Corp. of America. Monostable circuit for generating pulses of short duration. 3,209,173, 9–28–65, Cl. 307—88.5.
Rumble, William G., and W. V. Dix, to Radio Corp. of America. Magnetic plate memory system. 3,171,103, 2–23–65, Cl. 340—174.
Rumbles, William E.: *See*—
Hayes, Edward J., and Rumbles. 3,208,410.
Rumelin, Gottfried, to Teves Alfred Maschinen- und Armaturen-fabrik KG. Hydraulic cylinder assembly for disc brakes. 3,200,911, 8–17–65, Cl. 188—196.
Rumer, David O., Jr., and R. A. Patterson, to Reed Electromech Corp. Coin devices. 3,204,648, 9–7–65, Cl. 133—2.
Ruminsky, Paul P.: *See*—
Brauchla, Herbert C., and Ruminsky. 3,206,028.
Brauchla, Herbert C., and Ruminsky. 3,208,591.
Ruminsky, Paul P., to H. C. Brauchla. Apparatus for work piece handling. 3,196,751, 7–27–65, Cl. 90—15.1.
Rumley, Elmore C., and L. H. Williams, deceased (G. M. Williams, administratrix). Joint sealing device for building wall panels. 3,205,629, 9–14–65, Cl. 52—396.
Rumm, Henry C., to Sargent and Greenleaf, Inc. Miniature resonant reed relay. 3,209,100, 9–28–65, Cl. 200—90.
Rummel, Roman. Process and device for producing building material. 3,193,264, 7–6–65, Cl. 263—11.
Rummel, Theodor, to Siemens & Halske Aktiengesellschaft. Method and means for floating-zone melting of rod-shaped bodies of crystallizable semiconducting or conducting material. 3,179,502, 4–20–65, Cl. 23—301.
Rummel, Theodor, to Siemens & Halske Aktiengesellschaft. Apparatus for preparing semiconductor rods. 3,226,203, 12–28–65, Cl. 23—273.
Rummery, Frank O.: *See*—
Cheever, Gordon D., Rummery, and Richards. 3,219,411.
Rumöller, Herman, to North American Philips Co., Inc. Screening device against interference voltages. 3,212,004, 10–12–65, Cl. 324—127.
Rumpel, Charles. Incinerator spark eliminator. 3,187,697, 6–8–65, Cl. 110—119.
Rumpel, Harvey H., to Barber-Greene Co. Concave adjustment for crushers. 3,201,053, 8–17–65, Cl. 241—286.
Rumpel, Harvey H., to Barber-Greene Co. Locking means for crushers. 3,204,883, 9–7–65, Cl. 241—286.
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Knusli, Enrico, Rumpf, and Gysin. 3,218,148.
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Stamm, Joseph A., Rumsey, and Franke. 3,200,724.
Rumsey, Clayton S., and C. H. Melcher, to General Electric Co. Lightweight truck. 3,181,479, 5–4–65, Cl. 105—136.
Rumsey and Co.: *See*—
Rumsey, John W., Jr. 3,195,312.
Rumsey, Herbert, Jr. Apparatus for making a sealed evacuated package. 3,208,193, 9–28–65, Cl. 53—112.
Rumsey, John W., Jr., 50% to Morrison-Knudsen Co., Inc., and 50% to Rumsey and Co. Method for erecting precast retaining wall. 3,195,312, 7–20–65, Cl. 61—39.
Rumsey, Rollin D., to Houdaille Industries, Inc. Hydraulic rotary actuator with locking means. 3,179,018, 4–20–65, Cl. 92—28.
Rumsey, Rollin D., to Houdaille Industries, Inc. Valve construction. 3,190,313, 6–22–65, Cl. 137—625.22.
Rumsey, Rollin D., to Houdaille Industries, Inc. Rotary actuator structure. 3,207,048, 9–21–65, Cl. 92—125.
Rumsey, Rollin D., to Houdaille Industries, Inc. Snubbing means for rotary hydraulic actuators. 3,225,664, 12–28–65, Cl. 91—408.
Rumsey, Rollin D., and P. E. Gies, to Houdaille Industries, Inc. Hydraulic rotary actuator vane seal. 3,179,020, 4–20–65, Cl. 92—125.
Rumsey, Rollin D., and G. W. Kamman, to Houdaille Industries, Inc. Rotary actuator. 3,181,437, 5–4–65, Cl. 92—122.
Rumsey, Rollin D., and A. L. Zanow, to Houdaille Industries, Inc., and National Castings Co. Hydraulic buffer. 3,190,-630, 6–22–65, Cl. 267—1.
Rumsey, Rollin D., and A. L. Zanow, said Rumsey assor. to Houdaille Industries, Inc. Hydraulic buffer. 3,190,634, 6–22–65, Cl. 267—1.
Rumsey, Rollin D., and J. C. Schultz, to Houdaille Industries, Inc. Rotary hydraulic actuator and sealing means therefor. 3,195,421, 7–20–65, Cl. 92—122.
Runco, Joseph C.: *See*—
Ochs, Charles S., and Runco. 3,195,705.
Roberts, Cecil P., Foss, and Runco. 3,175,337.
Shriner, William E., and Runco. 3,184,897.
Runco, Joseph C., and H. W. Hoehn, to Anchor Hocking Glass Corp. Mechanism for feeding closures. 3,185,285, 5–25–65, Cl. 198—52.
Runde, Byron A.: *See*—
Fettig, Arthur J., Jenks, Lasdine, Maidment, and Runde. 3,195,810.
Rundel, Morton S., to Pacific Coast Engineering Co. Generator-fed hoist motor control with load float control. 3,225,278, 12–21–65, Cl. 318—145.
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McBride, Oscar S., and Runge. 3,199,656.
Runge, Heinz F.: *See*—
Green, Geoffrey D., and Runge. 3,164,028.
Runge, Heinz F., to Oscar Mayer & Co., Inc. Product metering apparatus. 3,207,368, 9–21–65, Cl. 222—20.
Runge, Wallace F., to Commercial Solvents Corp. Amino alcohol modified polyamides. 3,168,498, 2–2–65, Cl. 260—78.
Runion, Thomas C.: *See*—
Reese, Stanton L., and Runion. 3,168,369.
Runkle, Dean E., to The Bendix Corp. Hydraulic centering device. 3,195,570, 7–20–65, Cl. 137—596.
Runkle, Dean E., to The Bendix Corp. Universal joint. 3,217,516, 11–16–65, Cl. 64—17.
Runnels, George W., G. F. Emig, and W. J. Reuter, to Talon, Inc. Machine for cutting slide fastener chain. 3,190,161, 6–22–65, Cl. 83—256.
Runner, John W.: *See*—
Hawley, Jesse G., Runner, and Cook. 3,182,756.
Runyan, Ray M. Dolly device. 3,169,780, 2–16–65, Cl. 280—43.
Runyan, Wesley G.: *See*—
Barber, Ronald O., Runyan, Nelson, and Tofsrt. 3,177,-420.
Runyan, Wesley G., to General Motors Corp. Static inverter. 3,178,635, 4–13–65, Cl. 323—89.
Runyan, Wesley G., to General Motors Corp. Static inverter system. 3,187,269, 6–1–65, Cl. 331—74.
Runyan, Wesley G., to Collins Radio Co. Square wave phase shifter. 3,210,651, 10–5–65, Cl. 323—108.

Runyon, John P.: *See*—
Inose, Hiroshi, and Runyon. 3,172,956.
Runyon, John P., to Bell Telephone Laboratories, Inc. Interpolation signaling. 3,200,201, 8–10–65, Cl. 179—15.
Ruocco, Joseph R. Socket adapter. 3,165,371, 1–12–65, Cl. 339—154.
Ruoff, Carl E.: *See*—
Berzinski, Leo C., Jr., Bymers, and Ruoff. 3,174,102.
Ruoff, Carl E., to International Business Machines Corp. Magnetic checking devices. 3,177,468, 4–6–65, Cl. 340—146.2.
Ruoff, Carl E., to International Business Machines Corp. Transistor switch with noise rejection provided by variable capacitance feedback diode. 3,218,472, 11–16–65, Cl. 307—88.5.
Ruoff, James S.: *See*—
Nadeau, Gale F., Ruoff, and Thompson. 3,201,251.
Ruoff, Karl: *See*—
Hensler, Paul, Tomala, and Ruoff. 3,200,804.
Ruoff, Karl, to Dr. Ing. h.c.F., Porsche, KG., Firma. Transmission for tractors. 3,204,468, 9–7–65, Cl. 74—15.4.
Ruoff, Karl, and W. Eberle, to Dr Ing h.c.F. Porsche, K.G., Firma. Double clutch construction. 3,212,611, 10–19–65, Cl. 192—48.
Ruoss, Leo, E. Wetzel, F. Marx, and H. Luescher, to Ciba Ltd. Container for medicaments. 3,199,489, 8–10–65, Cl. 116—121.
Rupe, Chauncey O., to Miles Laboratories, Inc. Process for preparing galactose oxidase by fermentation. 3,186,919, 6–1–65, Cl. 195—66.
Rupe, Chauncey O., to Miles Laboratories, Inc. Process for preparing galactose oxidase by fermentation. 3,186,921, 6–1–65, Cl. 195—66.
Rupert, Paul S., to Empresa Nacional de Inversiones, S.A. Vending machine apparatus. 3,172,713, 3–9–65, Cl. 312—235.
Ruperti, Andreas: *See*—
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Ruple, Lewis H., and R. L. Dreier, to Abbey Etna Machine Co. Strip edge guide device for tube mills. 3,170,427, 2–23–65, Cl. 113—33.
Rupnow, Harvey W., to South Chicago Machine Works, Inc. Golf club including a rotatable and pivotable head. 3,214,169, 10–26–65, Cl. 273—79.
Rupp, Alban: *See*—
Schilder, Hans, Rupp, and Nickel. 3,169,582.
Rupp, Karl, and L. Jäger, to North American Philips Co., Inc. Counter for magnetic tape recording and/or reproducing apparatus. 3,207,432, 9–21–65, Cl. 235—128.
Rupp, Otto. Inhaling device. 3,189,030, 6–15–65, Cl. 128—186.
Rupp, Richard B.: *See*—
Shub, Lionel, and Rupp. 3,168,731.
Rupp, Richard O. to The Cromwell Paper Co. Container bag for coiled strip material. 3,198,418, 8–3–65, Cl. 229—40.
Rupp, Warren E., to The Gorman-Rupp Co. High efficiency low specific speed centrifugal pump. 3,205,828, 9–14–65, Cl. 103—103.
Rupp, William C., to The Chandler & Price Co. Knife bar stop. 3,173,327, 3–16–65, Cl. 83—588.
Rupp, William L., to Hoover Ball and Bearing Co. Blending apparatus. 3,182,969, 5–11–65, Cl. 259—25.
Ruppe, Peter P. Method of surface finishing articles. 3,187,473, 6–8–65, Cl. 51—313.
Ruppel, Wolfgang: *See*—
Fatuzzo, Ennio, Harbeke, and Ruppel. 3,213,027.
Ruppersberg, Hans K., and W. Schallehn, to Telefunken Aktiengesellschaft. Indicating device. 3,181,150, 4–27–65, Cl. 343—8.
Ruppert, Heinrich, and H. Schnell, to Farbenfabriken Bayer Aktiengesellschaft. α,α-Di-(substituted and unsubstituted amino phenyl) α,α,α-tetra alkyl-p-xylene. 3,200,152, 8–10–65, Cl. 260—570.
Ruppert, Max K., to Poor & Co. Continuous stop rail anchor. 3,168,245, 2–2–65, Cl. 238—327.
Rupprecht, Joachim, to Siemens-Schuckertwerke Aktiengesellschaft. Mixed-crystal thermoelectric composition. 3,211,656, 10–12–65, Cl. 252—62.3.
Rupright, Bert A., deceased (H. Rupright, widow), 50% to L. Wendrow. Awning assembly. 3,221,756, 12–7–65, Cl. 135—5.
Rupright, Helen: *See*—
Rupright, Bert A. 3,221,756.
Rusanowsky, Nicholas P.: *See*—
Clark, Merle M., Rusanowsky, and Sage. 3,179,074.
Kidwell, John H., Lowe, and Rusanowsky. 3,172,395.
Rusca, Ralph A.: *See*—
Kotter, James I., Wallace, Salaun, and Rusca. 3,208,107.
Rusch, Adolphe, to United States of America, Army. Magnetic tape with reinforced backing. 3,179,533, 4–20–65, Cl. 117—76.
Rusch, Michael R.: *See*—
Mann, Seymour H., Rusch, and Williams. 3,173,908.
Rusche, Fredric. Pile driving mandrel assembly. 3,190,078, 6–22–65, Cl. 61—53.72.
Ruschig, Heinrich, K. Schmitt, G. Driesen, L. Ther, and W. Pfaff, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Triazolidines. 3,184,470, 5–18–65, Cl. 260—308.
Ruschig, Heinrich, K. Schmitt, L. Ther, and W. Meixner, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. 3-O-tolyl-4-(3H)-pyrimidones. 3,185,689, 5–25–65, Cl. 260—251.
Ruschig, Heinrich, W. Aumüller, G. Korger, H. Wagner, J. Scholz, and A. Bander, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Method of reducing blood sugar and compositions therefor. 3,198,706, 8–3–65, Cl. 167—65.
Ruschig, Heinrich, K. Schmitt, L. Ther, and G. Vogel, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. 1-phenyl-2-loweralkyl and phenyl-loweralkyl-4-tertiary amino-3,5 - dioxo - 1,2,4 - triazolidines. 3,201,404, 8–17–65, Cl. 260—294.
Ruschman, Frederick J., Jr. Curtain guide device for curtain rods. 3,167,225, 1–26–65, Cl. 223—105.
Ruschmann, Henry F. Operating upon sheets of foil. 3,166,966, 1–26–65, Cl. 83—262.
Ruschmann, Henry F. Foil product. 3,220,806, 11–30–65, Cl. 29—183.
Ruscio, Donald A.: *See*—
Koenig, Roy C., and Ruscio. 3,223,100.
Ruscoe, W. J., Co.: *See*—
Clause, John W. 3,165,265.
Rusconi, Theodore C. Auto chassis leveling device. 3,166,340, 1–19–65, Cl. 280—104.
Rusenko, James J.: *See*—
Rice, William G., and Rusenko. 3,179,759.
Rush, Charles D.: *See*—
Danziger, William, Rush, and Gold. 3,166,002.
Rush, George L. Warning device to indicate an unfastened seat belt. 3,200,370, 8–10–65, Cl. 340—52.
Rush, Harris S.: *See*—
Martin, William C., Jr., and Rush. 3,191,363.
Rush, Richard B.: *See*—
Frank, Mervin E., and Rush. 3,219,802.
Klein, Martin L., Morgan, and Rush. 3,197,160.
Klein, Martin L., Morgan, and Rush. 3,214,693.
Rush, William F., to Borg-Warner Corp. Gas-liquid contact apparatus. 3,204,425, 9–7–65, Cl. 62—485.
Rushin, Wallace R.: *See*—
Crawford, Arthur R., Ongaro, and Rushin. 3,173,458.
Rushing, Frank C., to United States of America, Atomic Energy Commission. Thrust bearings. 3,202,465, 8–24–65, Cl. 308—160.
Rushmer, John R.: *See*—
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Rushton, Frederick N., to Washington Aluminum Co., Inc. Panel structure. 3,196,763, 7–27–65, Cl. 94—11.
Ruskin, Dan: *See*—
Ruskin, Simon L. 3,197,402.
Ruskin, Henry, and S. I. Kohen, to Swingline Inc. Pencil sharpening device. 3,224,418, 12–21–65, Cl. 120—96.
Ruskin, Simon L., deceased (D. Ruskin, M. Reder, and C. Farhi, executors). Methods for the rapid recovery of heavy water and other products. 3,197,402, 7–27–65, Cl. 210—42.
Rusnak, George A.: *See*—
LaSota, Raymond W., Rusnak, and Doane. 3,209,207.
Rusoff, Samuel, and V. V. Hughey, to Basic Inc. Refractory composition for repairing furnaces. 3,193,402, 7–6–65, Cl. 106—58.
Russ, Paul E., W. Stavast, and W. M. Haines, to The Gates Rubber Co. Method of casting articles from liquid elastomers. 3,200,180, 8–10–65, Cl. 264—102.
Russac, Andrew and L. S. Hand tool for separating plank boards. 3,168,285, 2–2–65, Cl. 254—131.
Russac, Louis S.: *See*—
Russac, Andrew and L. S. 3,168,285.
Russell, Arthur P., and E. F. Grgetic, to General Electric Co. Electric lamp making apparatus. 3,226,175, 12–28–65, Cl. 316—31.
Russell, Charles D.: *See*—
Binder, George G., Jr., and Russell. 3,208,517.
Russell, Charles R.: *See*—
Schaefer, Wilbur C., and Russell. 3,193,409.
Russell, Clifford M. Coupling nut. 3,181,896, 5–4–65, Cl. 285—15.
Russell Constructions Ltd.: *See*—
Hurst, Justin. 3,206,029.
Russell, Duane J.: *See*—
Mayne, William P., Russell, and Sykes. 3,222,508.
Russell, Edward J., Jr.: *See*—
Hovekamp, John C., and Russell. 3,195,451.
Russell, Edward L., and K. A. Hanover, to Chemetron Corp. Resolution of DL-menthyl hydrogen phthalate with 1-(α-naphthyl)-ethylamine. 3,201,455, 8–17–65, Cl. 260—475.
Russell, Edward W. C. Means and method for preparing record bearing media. 3,189,732, 6–15–65, Cl. 235—61.12.
Russell, Frank D., Sr., to Frost-Whited Co., Inc. Press feeder. 3,213,782, 10–26–65, Cl. 100—43.
Russell, Fred J. Low friction latch bolt and hinge guide. 3,172,691, 3–9–65, Cl. 292—163.
Russell, Fred J. Sliding door latch hub. 3,174,783, 3–23–65, Cl. 292—103.
Russell, Fred J. Cylinder lock assembly. 3,175,378, 3–30–65, Cl. 70—382.
Russell, Fred J. Knob outer end stabilizer. 3,190,684, 6–22–65, Cl. 292—347.
Russell, Fred J. Combination key-operated mechanism and hand-hold face support. 3,196,645, 7–27–65, Cl. 70—224.
Russell, Fred J. Low friction latch bolt guide. 3,197,247, 7–27–65, Cl. 292—163.
Russell, Fred J. Method of anchoring latch bolt casings. 3,212,180, 10–19–65, Cl. 29—453.

Russell, Fred J., J. D. Witt, and R. J. Nolin; said Witt and said Nolin assors. to said Russell. Hand hold face opening and spindle device for insertion or removal of key operated mechanism. 3,175,377, 3–30–65, Cl. 70—224.
Russell, Fred J., and G. B. Solovieff; said Solovieff assor. to said Russell. Construction master key system. 3,175,-379, 3–30–65, Cl. 70—383.
Russell, Fred J., and J. D. Witt; said Witt assor. to said Russell. Flange trimming method and apparatus therefor. 3,175,439, 3–30–65, Cl. 83—52.
Russell, Fred J., and G. B. Solovieff, said Solovieff assor. to said Russell. Removable cylinder spindle retaining shoulder. 3,190,091, 6–22–65, Cl. 70—224.
Russell, Fred J., J. D. Witt, and R. J. Nolin; said Witt and said Nolin assors. to said Russell. Spindle device for releasably retaining a locking mechanism assembly. 3,196,-644, 7–27–65, Cl. 70—224.
Russell, Fred J., and G. B. Solovieff; said Solovieff assor. to said Russell. Sliding door latch spacer. 3,197,246, 7–27–65, Cl. 292—101.
Russell, Fred J., and P. Cirocco; said Cirocco assor. to said Russell. Hand-hold assembly. 3,212,305, 10–19–65, Cl. 70—224.
Russell, Fred J., and P. Cirocco; said Cirocco assor. to said Russell. Combination hand-hold retainer and key-operated mechanism retainer. 3,212,306, 10–19–65, Cl. 70—224.
Russell, Fred J., and P. Cirocco. Multiple location boring jig. 3,212,366, 10–19–65, Cl. 77—62.
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Russell, Fred J., and P. Cirocco; said Cirocco assor. to said Russell. Sliding door latch spring plate means. 3,212,803, 10–19–65, Cl. 292—107.
Russell, Fred J., and G. B. Solovieff; said Solovieff assor. to said Russell. Return spring mechanism for a lock. 3,212,-806, 10–19–65, Cl. 292—336.3.
Russell, Frederick J.: *See*—
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Kennard, Kenneth C., and Russell. 3,212,899.
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Mann, Julius W., and Russell. 3,219,787.
Russell, George F., C. L. Cleek, and R. I. Maxwell, to Robert Maxwell Corp. Dispenser. 3,220,609, 11–30–65, Cl. 222—78.
Russell, Gordon C., to Lockheed Aircraft Corp. Connecting structure. 3,191,725, 6–29–65, Cl. 189—34.
Russell, Gordon C., to Lockheed Aircraft Corp. Door and jamb construction. 3,218,678, 11–23–65, Cl. 20—16.
Russell, Gordon D., and I. Bering, to Johnson & Johnson. Nonwoven fabrics and methods of making the same. 3,214,-323, 10–26–65, Cl. 161—148.
Russell, Grover M., to Penn Controls, Inc. Precipitation detector. 3,193,637, 7–6–65, Cl. 200—61.04.
Russell, Harold J., to Roth Russell Corp. Plumbing core. 3,174,158, 3–23–65, Cl. 4—1.
Russell, Harold W., Jr., to Consolidated Vacuum Corp. Glass-to-metal tube coupling having indium seal means. 3,186,-743, 6–1–65, Cl. 285—238.
Russell, Henry R.: *See*—
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Erickson, Henry, Gallagher, and Russell. 3,222,293.
Erickson, Henry, and Russell. 3,216,951.
Erickson, Henry, Russell, and Sanford. 3,224,961.
Russell, Howard G., to Sinclair Research Inc. Catalyst dimetallization effluent treatment. 3,178,364, 4–13–65, Cl. 208—120.
Russell, Howard G., and R. A. Sanford, to Sinclair Research, Inc. Catalytic cracking of mineral hydrocarbon oil. 3,168,-461, 2–2–65, Cl. 208—89.
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Russell, James R., to Dow Corning Corp. Sealant composition of 3,3,3-trifluoropropylmethylsiloxane gums. 3,192,-175, 6–29–65, Cl. 260—29.1.
Russell, James R., and E. Sweet, to Down Corning Corp. Method for curing room-temperature-vulcanizing organopolysiloxane rubber. 3,184,427, 5–18–65, Cl. 260—37.
Russell, James T. Playing card holder and dispenser. 3,185,-482, 5–25–65, Cl. 273—148.
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Russell, John D., to Microdot Inc. Electrolytic lathe. 3,224,-593, 12–21–65, Cl. 204—212.
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Silber, Alvin D., Feder, and Russell. 3,194,844.
Russell, Kenneth F., to Brogdex Co. Apparatus for sizing articles. 3,179,249, 4–20–65, Cl. 209—106.
Russell, Kenneth F., to Borgdex Co. Method and apparatus for the measurement and control of acidity of solutions. 3,195,551, 7–20–65, Cl. 137—5.
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Russell, Linus E., to Peters & Russell, Inc. Bumper. 3,183,-875, 5–18–65, Cl. 114—219.
Russell, Louis A., to International Business Machines Corp. Balanced magnetic memory drive and sense conductors for cancelling unwanted field effects. 3,209,333, 9–28–65, Cl. 340—174.
Russell, Louis A., to International Business Machines Corp. Mono-selected matrix and storage element therefor. 3,213,-434, 10–19–65, Cl. 340—174.
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Harris, Woodrow W. 3,169,763.
Williams, Robert B. 3,197,021.
Russell, Peter B., and K. W. Ledig, to American Homes Products Corp. Novel 17-ketals of equilenin and method for preparing. 3,189,625, 6–15–65, Cl. 260—397.5.
Russell, Ralph W., to Kellwood Co. Stretchable hosiery and the like. 3,210,964, 10–12–65, Cl. 66—178.
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Russell, Robert C., to Eaton Mfg. Co. Annular motor actuated drum brake mechanism. 3,187,850, 6–8–65, Cl. 188—152.
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Russell, Robert J., and H. Hardinge, to Koppers Co., Inc. Grinding mill lining and control of the wear thereof. 3,211,387, 10–12–65, Cl. 241—26.
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Russell-French, Harry M., to The Budd Co. Semi-fixed artillery round. 3,177,809, 4–13–65, Cl. 102—49.
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Russman, Charles O. Telescopic multiple wrench. 3,187,610, 6–8–65, Cl. 81—185.
Russmann, Karl. Spool holder arrangement for sewing machines. 3,213,815, 10–26–65, Cl. 112—218.
Russo, Andelfo J., and C. N. Henschel, to Cadillac Wire Corp., and Henschel-Steinau. Portable knock down display rack. 3,202,192, 8–24–65, Cl. 150—51.
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Rust, Andrew. Bale buncher. 3,225,532, 12–28–65, Cl. 56—475.
Rust, Donald. Berry harvesting apparatus. 3,184,908, 5–25–65, Cl. 56—330.
Rust, Francis G., to United States of America, Atomic Energy Commission. Reducing corrosion of stainless steel in hot nitric acid solutions by adding carbon black or elemental sulfur to the solution. 3,174,818, 3–23–65, Cl. 21—2.5.
Rust, John B., and G. C. Denault, to Hughes Aircraft Co. Organostannoxy titanoxane polymers and copolymers and the process of making same. 3,178,375, 4–13–65, Cl. 260—2.
Rust, John B., and G. C. Denault, to Hughes Aircraft Co. Organostannoxy aluminoxane polymers and copolymers and the process of making same. 3,214,391, 10–26–65, Cl. 260—2.
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Ruston, Edward W. Automatic swimming pool cleaner. 3,217,886, 11–16–65, Cl. 210—169.
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Hyde, John A. C. 3,182,955.
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Rutenber, Ellwood R., and N. B. Schaefer, to Waukesha Motor Co. Momentary enriching devices to improve the starting of internal combustion engines using fuel injection. 3,204,624, 9–7–65, Cl. 123—179.
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Jarowenko, Wadym, and Rutenberg. 3,208,999.
Rüter, Hermann, E. Cherdron, and F. Fässle, to Gebruder Giulini G.m.b.H. Process for the production of aluminum sulfate melt. 3,226,188, 12–28–65, Cl. 23—123.
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Rutkus, John, Jr., to Xerox Corp. Microfilm holder. 3,183,771, 5–18–65, Cl. 88—24.
Rutland, David F., B. F. Ambrosio, and R. Turn, to The Electrada Corp. Data composer. 3,166,636, 1–19–65, Cl. 178—24.
Rutledge, George A., to Reynolds Metals Co. Container and method and apparatus for making the same or the like. 3,183,802, 5–18–65, Cl. 93—80.
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Rutledge, William W. Building wall material. 3,185,297, 5–25–65, Cl. 206—59.
Rutledge, Wyman C., to The Mead Corp. Erasability tester. 3,208,265, 9–28–65, Cl. 73—7.
Rutman, Ralph G., and D. M. Logan, to Mack Trucks, Inc. Instrument panels for vehicles. 3,194,338, 7–13–65, Cl. 180—90.
Rutschmann, Jürg, and H. Kobel, to Sandoz Ltd. Microbiological production of lysergic acid derivatives. 3,219,545, 11–23–65, Cl. 195—81.
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Rutter, Donald P., and A. E. Cimochowski, to Johns-Manville Corp. Locking clip. 3,193,894, 7–13–65, Cl. 24—21.
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Ryan, Danahey, to E. I. du Pont de Nemours and Co. Web unwind apparatus. 3,201,057, 8–17–65, Cl. 242—58.1.
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Ryan, Edmund C., and L. R. Wendland, to The Ohio Brass Co. Apparatus for manufacturing insulator pins. 3,177,570, 4–13–65, Cl. 29—243.52.
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Ryan, John W. Teeter-totter for dolls. 3,185,524, 5–25–65, Cl. 297—247.
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Rylander, Paul N., and J. F. Kreidl, to Engelhard Industries, Inc. Hydrogenation of hydroxy aromatics and alkoxy aromatics with ruthenium catalyst. 3,193,584, 7–6–65, Cl. 260—611.
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Kapany, Narinder S., Capellaro, and Ostensen. 3,192,-843.
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Lorch, James R. 3,188,722.
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Ostensen, Ralph G. 3,202,526.
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Edgar, David M., and Kristof. 3,174,439.
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Sabatini, John J., to The Bendix Corp. Engine starter drive. 3,181,375, 5–4–65, Cl. 74—6.
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Saccomano, Joseph M., to Allegheny Ludlum Steel Corp. Ladles. 3,214,804, 11–2–65, Cl. 22—85.
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Sacerdoti, Giorgio, and O. Guarracino, to Olivetti, Ing. C., & C., S.p.A. Electronic computer with abbreviated addressing of data. 3,223,982, 12–14–65, Cl. 340—172.5.
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Sachnoff, Ben B., and M. M. Levin, to E-Z-Por Corp. Liner for oven racks. 3,211,082, 10–12–65, Cl. 99—444.
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Sackett, Walter J., Sr., to The A. J. Sackett & Sons Co. Multicompartment bulk station. 3,189,197, 6–15–65, Cl. 214—16.
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Sackinger, William M., to Zenith Radio Corp. Plural input electron beam parametric amplifier. 3,212,017, 10–12–65, Cl. 330—4.7.
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Sada, Pietro, to Industrie Verwertungsprodukte Anstalt. Process for heating and sterilizing food products packaged in hermetically sealed thin walled containers. 3,215,538, 11–2–65, Cl. 99—214.
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Sadler, Fred S., and J. D. Wadeson, to McGraw-Edison Co. Thermally stabilized cellulose materials. 3,224,902, 12–21–65, Cl. 117—143.
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Sadler, James E., and R. L. Haley. Hub driven device and means and method for making the same. 3,190,134, 6–22–65, Cl. 74—230.4.
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Sadownick, Eli M., to Aerojet-General Corp. High temperature nozzle for rocket motor. 3,222,862, 12–14–65, Cl. 60—35.6.
Sadowski, John D., to Sun Clothes, Inc. Stay for trousers. 3,177,498, 4–13–65, Cl. 2—232.
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Safford, Moyer M., to General Electric Co. Polyvinyl chloride compositions cured with tin halides. 3,207,719, 9–21–65, Cl. 260—30.6.
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Safford, Moyer M., to General Electric Co. Polyvinyl chloride compositions cured with a cobalt halide. 3,207,721, 9–21–65, Cl. 260—30.6.
Safford, William J., to Zapata Lining Corp. Blast coating and method of applying the same to tubing. 3,220,437, 11–30–65, Cl. 138—148.
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Sagarin, Philip H., to Valve Corp. of America. Hand-held aerosol device. 3,198,399, 8–3–65, Cl. 222—182.
Sagarin, Philip H., to Valve Corp. of America. Aerosol dispenser. 3,206,081, 9–14–65, Cl. 222—394.
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Sair, Louis, and G. R. Reschke, to The Griffith Laboratories, Inc. Manufacture of meat-curing salt composition. 3,164,480, 1–5–65, Cl. 99—222.
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Sakakibara, Eiichi, and F. Hagihara, to Yoshitomi Pharmaceutical Industries, Ltd. Seasoning containing sodium cysteine-S-sulfonate and method of seasoning foods therewith. 3,214,276, 10–26–65, Cl. 99—140.
Sakakibara, Seiichi, and T. Ono, to Kurashiki Rayon Co., Ltd. Apparatus for smoothing polyvinyl alcohol film during conditioning of said film in a controlled atmosphere chamber. 3,222,714, 12–14–65, Cl. 18—1.
Sakakibara, Seizaburo, H. Aoki, and M. Kuwabara, to Teikoku Jinzo Kenshi Kabushiki Kaisha. Thermally stable compositions comprising polyoxymethylene and partially curved epoxy resin. 3,213,158, 10–19–65, Cl. 260—830.
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Sakamoto, Kenichi, to Mansei Kogyo Kabushiki Kaisha. Combustion valve assembly for gas lighter. 3,213,649, 10–26–65, Cl. 67—7.1.
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Sakurai, Ryoichi, and I. Hirose, to Teikoku Jinzo Kenshi Kabushiki Kaisha. Method of treating aqueous solution of alkali salts of aromatic carboxylic acids. 3,215,735, 11–2–65, Cl. 260—525.
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Salathiel, Virgil H., to Todd Engineering Co., Inc. Wheel balancer. 3,164,413, 1–5–65, Cl. 301—5.
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Saling, Wilmer, to American Screen Products Co. Method and apparatus for framing plastic material. 3,187,801, 6–8–65, Cl. 160—392.
Salisbury, Clifford A. Check valve construction. 3,209,777, 10–5–65, Cl. 137—315.
Salisbury, Frederick L., to Varian Associates. Cavity resonator structure for klystrons. 3,207,942, 9–21–65, Cl. 313—337.
Salisbury, Winfield W. Process of making sine wave gratings. 3,211,570, 10–12–65, Cl. 117—8.
Salisbury, Winfield W., to Varo, Inc. Device for converting from radio frequency power to power frequency power. 3,214,690, 10–26–65, Cl. 325—26.
Salkind, Alvin J., and E. Weiss, to The Electric Storage Battery Co. Electric battery. 3,193,412, 7–6–65, Cl. 136—6.
Sallach, Max E., and C. F. Weber, to Addressograph-Multi-Graph Corp. Printing machines. 3, 191,154, 6–22–65, Cl. 340—172.5.
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Salminen, Wilho M., to Eastman Kodak Co. Furcellaran as an antistatic agent for photographic film. 3,184,311, 5–18–65, Cl. 96—85.
Salminen, Wilho M., to Eastman Kodak Co. Photographic multicolor diffusion transfer process using dye developers. 3,212,893, 10–19–65, Cl. 96—55.
Salmon, Donald B., and C. Wilde, to Hoke Inc. Valve. 3,206,165, 9–14–65, Cl. 251—335.2.
Salmon, Reginald D., to International Standard Electric Corp. Centrifugal speed governors which minimizes the effect of contact erosion. 3,202,780, 8–24–65, Cl. 200—80.
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Salter, Frank S., to The Loewy Engineering Co. Ltd. Presses for the hot working of metal billets. 3,221,531, 12–7–65, Cl. 72—263.
Salter, Jack N. Magnetostrictive multiplier device. 3,174-716, 3–23–65, Cl. 251—129.
Salter, Jack N. Magnetostrictive motoring device. 3,175,-132, 3–23–65, Cl. 317—169.
Salteri, Renato, and E. Hesselbarth, to Vitrofil S.p.A. Process and device for the manufacture of fleeces of mineral fibers. 3,172,184, 3–9–65, Cl. 28—1.
Saltz, John R., J. E. Clark, and R. F. Ehrler, to Diamond Power Specialty Corp. Soot blower mounting. 3,191,211, 6–29–65, Cl. 15—317.
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Bonnet, Georges, and Salvi. 3,166,707.
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Salyer, Ival O., and A. S. Kenyon, to Monsanto Co. Stabilization of crystalline polymers with thiobis-dialkyl phenols. 3,173,890, 3–16–65, Cl. 260—45.95.
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Salzberg, Harold K., and M. R. Simonds, to The Borden Co. Low viscosity casein. 3,186,918, 6–1–65, Cl. 195—29.
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Samhammer, Donald F., and G. E. Hepola, to Chicago Pneumatic Tool Co. Track guide means for jumbo shaft drills. 3,217,837, 11–16–65, Cl. 187—95.
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Sampson, Merritt B., to The S-P Mfg. Corp. Adjustable universal chuck. 3,178,192, 4–13–65, Cl. 279—6.
Sampson, Ralph L., H. Ruttenberg, and L. Miller, to Water Gard Corp. Domestic water filter. 3,184,064, 5–18–65, Cl. 210—136.
Sampson, Sidney F., to Bell Telephone Laboratories, Inc. Monostable multivibrator utilizing common-base transistor to provide isolation between timing network and switching transistor. 3,191,069, 6–22–65, Cl. 307—88.5.
Sampson, Walter E., to Blonder-Tongue Electronics. Clamping strap assembly. 3,176,368, 4–6–65, Cl. 24—280.
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Samuels, Gerard, to Radio Corp. of America. Grid manufacturing apparatus. 3,166,103, 1–19–65, Cl. 140—71.5.
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Sanders, Milton, and H. S. Halpern, to American Machine & Foundry Co. Impedance type pin presence indicator. 3,169,765, 2–16–65, Cl. 273—52.

Sanders, Norman T., to Needle Industries Ltd. Cutter members for dry shavers. 3,197,864, 8–3–65, Cl. 30—43.6.

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Sarapuu, Erich, to Electrofrac Corp. Single well subsurface electrification process. 3,211,220, 10–12–65, Cl. 166—39.
Sarasin, Raymond J., to Thayer, Inc. Folding playpen. 3,206,772, 9–21–65, Cl. 5—99.
Sarasin, Raymond J., to Thayer, Inc. Folding playpen. 3,206,773, 9–21–65, Cl. 5—99.
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Sarett, Lewis H., to Merck & Co., Inc. Oxidation of primary and secondary alcohols to the corresponding carbonyl compounds using a tertiary amine chromium trioxide complex. 3,164,611, 1–5–65, Cl. 260—340.9.
Sarett, Lewis H., to Merck & Co., Inc. 3α-acid esters of 3α-hydroxy-5β-pregnane-11,20-dione. 3,188,271, 6–8–65, Cl. 167—52.
Sarett, Lewis H., A. R. Matzuk, and T.-Y. Shen, to Merck & Co., Inc. 2,5-diazabicyclo[2,2,1]heptanes and 2,2,2 octanes. 3,167,561, 1–26–65, Cl. 260—293.
Sarett, Lewis, R. G. Strachan, and R. Hirschmann, to Merck & Co., Inc. Steroid glucuronides and processes for preparing the same. 3,185,682, 5–25–65, Cl. 260—239.55.
Sarett, Lewis H., and H. D. Brown, to Merck & Co., Inc. Certain 1-acyl-2-(2′-naphthyl)-benzimidazole compounds. 3,192,226, 6–29–65, Cl. 260—309.2.
Sarett, Lewis H., and T.-Y. Shen, to Merck & Co., Inc. Indolyl aliphatic acids. 3,196,162, 7–20–65, Cl. 260—319.
Sarett, Lewis H., R. G. Strachan, and R. F. Hirschmann, to Merck & Co., Inc. Galacturonides of the anti-inflammatory pregnane series. 3,206,359, 9–14–65, Cl. 167—58.
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Sargeant, Ralph G. Apparatus for applying high frequency electrical energy to liquids. 3,184,575, 5–18–65, Cl. 219—10.65.
Sargeant, Ralph G. Centrifugal electrical apparatus for treating liquids. 3,204,687, 9–7–65, Cl. 159—6.
Sargeant, Ralph G. Apparatus for removing water from liquid mixtures. 3,209,812, 10–5–65, Cl. 159—13.
Sargeant, Ralph G. Pump for applying electrical energy to liquids. 3,214,561, 10–26–65, Cl. 219—10.65.
Sargeant, Ralph G. Apparatus for treating liquids with high frequency electrical energy. 3,214,562, 10–26–65, Cl. 219—10.65.
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Sargent, George W., to Beloit Iron Works. Paper stock flow system. 3,182,683, 5–11–65, Cl. 137—563.
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Keuthan, Frederick W. 3,165,223.
Sargent, Paul B.: *See*—
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Sargent, Raymond W. Gas burner construction. 3,179,154, 4–20–65, Cl. 158—99.
Sargent, Raymond W., to Samarius, Inc. Hermetically sealed potentiometers. 3,184,697, 5–18–65, Cl. 338—175.
Sargent, Roger N., to The Dow Chemical Co. Separation of dextran from fructose using ion exchange resins. 3,184,334, 5–18–65, Cl. 127—46.
Sargent, William C., and R. B. Arnold, to The Stanley Works. Awning window. 3,197,818, 8–3–65, Cl. 20—42.
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Sarradin, Jacques, to Compagnie de Saint-Gobain. Use of ammonia complex of tri-alkyl boron as gelling catalyst for unsaturated polyester resins. 3,221,081, 11–30–65, Cl. 260—864.
Sarratt, Everett R., to The Bendix Corp. Frequency generating system. 3,165,706, 1–12–65, Cl. 331—18.
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Sartorio, David R., and E. R. Flanagan, to Martin-Marietta Corp. Antenna beam scanner. 3,222,601, 12–7–65, Cl. 325—130.
Sarv, Nils H., to Jönköping-Vulcan, Aktiebolaget. Knife structures particularly intended for the peeling of veneer. 3,224,477, 12–21–65, Cl. 144—212.
Sarvas, Maynard C. Removable upholstery cover for furniture. 3,188,137, 6–8–65, Cl. 297—218.
Sasabe, Takao, to Yawata Iron & Steel Co., Ltd. Process for separating non-molten slag from titanium-containing iron sand. 3,218,152, 11–16–65, Cl. 75—1.
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Sasaji, Ichiro, M. Hara, S. Tatsumi, K. Seki, T. Akashi, and K. Ohno, to Ajinomoto Co., Inc. Process of racemizing optically active alpha acids. 3,213,106, 10–9–65, Cl. 260—319.
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Osafune, Hiroe, and Sasaki. 3,193,740.
Sasaki, Isao, to Jet Plastics. Dispenser tray. 3,198,341, 8–3–65, Cl. 211—5.
Sasaki, Kanzo, and J. Kawanami, to Shionogi & Co., Ltd. 12-acylaminosteroid of the pregnane series. 3,188,308, 6–8–65, Cl. 260—239.55.
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Sasanko, Alvin M., to Swedish Crucible Steel Co. Apparatus for rendering polystyrene sheet material flexible. 3,200,437, 8–17–65, Cl. 18—1.

Sasich, Milan. Key identifier. 3,201,885, 8–24–65, Cl. 40—330.

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Saslawsky, Sheldon, and R. P. Hyland, to The Producto Machine Co. Heater indicating means for extrusion system. 3,222,720, 12–14–65, Cl. 18—12.

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Saslow, Seymour, and J. P. Knauth, to Espey Mfg. & Electronics Corp. Cooling of sealed enclosure. 3,196,940, 7–27–65, Cl. 165—108.

Sass, Edward J., to United States of America, Atomic Energy Commission. Mini-cam tracer plate. 3,184,849, 5–25–65, Cl. 33—23.

Sass, Hans G., and H. J. Spielvogel, to Industrie-Companie Kleinewefers Konstruktions- und Handelsgesellschaft m.b.H. Apparatus and method for regulating the delivery of wood chips onto a run-out conveyor. 3,165,195, 1–12–65, Cl. 198—37.

Sass, Hans G., and H. Hanke, to Industrie-Companie Kleinewefers Konstruktions- und Handelsgesellschaft m.b.H. Air heater with a plurality of tubes positioned coaxially within one another. 3,189,018, 6–15–65, Cl. 126—116.

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Sasse, Klaus, R. Wegler, and G. Unterstenhofer, to Farbenfabriken Bayer Atkiengesellschaft. 2,3-dimercapto-quinoxalines. 3,223,706, 12–14–65, Cl. 260—250.

Sassen, Bernard, G. D. Mylchreest, and A. J. Kargl, to Emhart Corp. Apparatus for manufacture of cooked meat products. 3,167,000, 1–26–65, Cl. 99—358.

Sassen, Bernard, G. D. Mylchreest, and A. J. Kargl, to Emhart Corp. Manufacture of cooked sausage products. 3,167,434, 1–26–65, Cl. 99—109.

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Sato, Akihiko, and A. Fujie, to Nippon Electric Co., Ltd. Negative conductance switch circuit. 3,189,753, 6–15–65, Cl. 307—88.5.

Sato, Akihiko, K. Ikeda, and H. Watanabe, to Nippon Electric Co., Ltd. Electronically-conducting semi-conductor device having a soldered joint with the terminal conductor of a point contact electrode thereof. 3,210,623, 10–5–65, Cl. 317—236.

Sato, Goro, to Mitsubishi Denki Kabushiki Kaisha. Process of producing solid composition resistors of monolithic structure. 3,216,090, 11–9–65, Cl. 29—155.7.

Sato, Isuke, to Nikken Sangyo Kabushiki Kaisha. Automatic tape speed controlling apparatus. 3,169,687, 2–16–65, Cl. 226—174.

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Sato, Kyuzo. Trouser with adjustable waist size. 3,204,253, 9–7–65, Cl. 2—237.

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Sato, Shizuo, and K. Hagimori, to Toho Aen Kabushiki Kaisha. Electrolysis of pig iron containing copper. 3,175,965, 3–30–65, Cl. 204—112.

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Satre, Leland H., C. L. and J. A. Burdett, to L. H. Satre. Dual spindle router for stereotype plates. 3,209,653, 10–5–65, Cl. 90—15.

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Sattler, Konrad, to Crompton Parkinson Ltd. Composite structure. 3,210,900, 10–12–65, Cl. 52—334.

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Satzinger, Gerhard, to Warner-Lambert Pharmaceutical Co. Substituted 4-thiazolidinones and process therefor. 3,187,002, 6–1–65, Cl. 260—306.7.

Satzinger, Gerhard, to Warner-Lambert Pharmaceutical Co. Process for the production of 2-cyanomethylene-4-thiazolidinones. 3,193,558, 7–6–65, Cl. 260—306.7.

Satzinger, Gerhard, to Warner-Lambert Pharmaceutical Co. 3-alkyl-5-amino-2,4-thiazolidinediones. 3,200,126, 8–10–65, Cl. 260—293.4.

Sauber, Charles A., and M. W. Branstetter, to Phillips Petroleum Co. Cement compositions and methods of utilizing same. 3,219,112, 11–23–65, Cl. 166—31.

Sauber, Charles J. Marking device. 3,176,659, 4–6–65, Cl. 120—18.

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Sauber, Charles R., to Celestronics Inc. Solid state relay utilizing variable photo-resistors and isolating diodes. 3,181,003, 4–27–65, Cl. 307—88.5.

Sauber, Rudolph S., to Westinghouse Electric Corp. Sealed compressor unit assembly. 3,209,991, 10–5–65, Cl. 230—202.

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Saudinaitis, Emmanuel, to Zenith Radio Corp. Unidirectionally conductive device for varying the output signal frequency of a signal generator. 3,205,452, 9–7–65, Cl. 331—8.

Sauer, Charles W., E. L. Kreidl, B. A. Lepper, and B. S. Old, to United States of America, Army. Propellants and method for making them. 3,166,612, 1–19–65, Cl. 264—3.

Sauer, Charles W., E. L. Kreidl, B. A. Lepper, and B. S. Old, to United States of America, Army. Process for forming propellant grains having a composite structure. 3,194,851, 7–13–65, Cl. 264—3.

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Sauer, Harold A., to Bell Telephone Laboratories, Inc. Temperature and environment controlling system. 3,186,480, 6–1–65, Cl. 165—27.
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Sauer, Raymond L. Cattle gate. 3,194,212, 7–13–65, Cl. 119—98.
Sauer, Richard W., and R. L. Rogers, to The Atlantic Refining Co. Wax-chlorinated ethylene polymer or ethylene-vinyl chloride copolymer compositions. 3,200,093, 8–10–65, Cl. 260—28.5.
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Sauerman, Ernst C., to F. L. Smithe Machine Co., Inc. Envelope making machine. 3,166,996, 1–26–65, Cl. 93—62.
Sauers, Charles T., and G. L. Malan, to Dyna-Frac, Inc. Method and apparatus for treating wells. 3,209,833, 10–5–65, Cl. 166—177.
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Saumsiegle, Robert W., and F. E. Wiley. Method for making plastic containers. 3,226,454, 12–28–65, Cl. 264—325.
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Saunders, Alan C. A., to United Kingdom Atomic Energy Authority. Fuel elements for vertically oriented nuclear reactors. 3,170,848, 2–23–65, Cl. 176—77.
Saunders, Alfred C., and J. F. Grant, to Electro Refractories & Abrasives Corp. Radiant gas burner tile. 3,216,478, 11–9–65, Cl. 158—116.
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Saunders, Arnold E., and W. E. Wagner, to Pittsburgh Plate Glass Co. Coated glass sheets. 3,185,586, 5–25–65, Cl. 117—54.
Saunders, Benjamin M. Self-latching handle. 3,189,938, 6–22–65, Cl. 16—126.
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Saunders, Charles A. Archery target with arrow stop means. 3,203,698, 8–31–65, Cl. 273—102.4.
Saunders, Charles A. Archery arrow nock. 3,214,174, 10–26–65, Cl. 273—106.5.
Saunders, Charlie C. Safety bed lock attachment means. 3,204,258, 9–7–65, Cl. 5—328.
Saunders, Cye E. Paint brush wrapper. 3,167,178, 1–26–65, Cl. 206—15.1.
Saunders, Eugene F. and C. A. Photo-electrically directed self-propelled wheel-supported device. 3,218,461, 11–16–65, Cl. 250—202.
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Saunders, Hollis S., and R. W. Gehring, to Phelps Dodge Copper Products Corp. Ceramic-coated electrically-conductive wire and method of making same. 3,222,219, 12–7–65, Cl. 117—218.
Saunders, Hugh E., and K. G. Riddle, to Mast Development Co., Inc. Vertical drop atmospheric sensor. 3,213,010, 10–19–65, Cl. 204—195.
Saunders, Jack N., to Warmac Ltd. Liquid feed arrangement. 3,164,162, 1–5–65, Cl. 137—209.
Saunders, James, to Cerebos Ltd. Method of producing foamed sodium chloride of low bulk density. 3,196,024, 7–20–65, Cl. 106—122.
Saunders, James B., to United States of America, Commerce. Wave front shearing interferometer. 3,218,916, 11–23–65, Cl. 88—14.
Saunders, James E. Apparatus for the removal of salt from sea water. 3,178,900, 4–20–65, Cl. 62—123.
Saunders, James H., and K. A. Pigott, to Mobay Chemical Co. Polyester urethanes made with diphenylmethane diisocyanate which are processable by thermoplastic techniques. 3,214,411, 10–26–65, Cl. 260—75.
Saunders, James H., and H. L. Heiss, to Monsanto Co. Method for making a cellular polyurethane. 3,226,345, 12–28–65, Cl. 260—2.5.
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Saunders, John P., H. K. Dick, and A. L. Tardiff, to Sylvania Electric Products Inc. Filament transfer apparatus. 3,200,965, 8–17–65, Cl. 214—1.
Saunders, Joseph F., to United States of America, Navy. Process for freezing blood. 3,177,117, 4–6–65, Cl. 167—74.
Saunders, Kenneth W., W. H. Montgomery, and J. C. French, to American Cyanamid Co. Process for the preparation of iminodiacetonitrile. 3,167,580. 1–26–65, Cl. 260—465.5.
Saunders, Kenneth W., W. H. Montgomery, and J. C. French, to American Cyanamid Co. Process for the preparation of methylene glycinonitrile. 3,167,581. 1–26–65, Cl. 260—465.5.
Saunders, Kenneth W., W. H. Montgomery, and J. C. French, to American Cyanamid Co. Process for the preparation of glycinonitrile. 3,167,582, 1–26–65, Cl. 260—465.5.
Saunders, Lawrence J., to S & S Corrugated Paper Machinery Co. Inc. Roll unwind stand. 3,176,928, 4–6–65, Cl. 242—58.6.
Saunders, Marvelle. Automatic anti-skid device. 3,212,550, 10–19–65. Cl. 152—214.
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Curtice, Gerald M., and Saunders. 3,223,659.
Saunders, Philip K., ½ to G. K. Bennett. Rig for sailing vessels. 3,194,202, 7–13–65, Cl. 114—102.
Saunders, Raymond A., to United States of America, Navy. Variable space infrared liquid microcell. 3,194,111, 7–13–65, Cl. 88—14.
Saunders, Robert C., Jr. Fluid injector. 3,200,764, 8–17–65, Cl. 103—264.
Saunders, Robert M. Corner adjustable roller assembly. 3,175,255, 3–30–65, Cl. 20—19.
Saunders, Walter S. Beating jet-wing aircraft. 3,168,997, 2–9–65, Cl. 244—12.
Saunders, Walter S. Jet-wing aircraft. 3,194,512, 7–13–65, Cl. 244—23.
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Saunders, William T., to American Can Co. Container closure. 3,197,107, 7–27–65, Cl. 229—5.5.
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Saut, Jules F., and L. B. Barker, to Reynolds Metals Co. Cargo transporting vehicle construction. 3,186,756, 6–1–65, Cl. 296—100.
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Sauter, Bobbie S., to Deutsch Fastener Corp. Captive fastener assembly with rotation prevention means. 3,192,-980, 7–6–65, Cl. 151—41.5.
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Savage, Robert H., and W. M. Kofford, to Water Chemists, Inc. Water conditioning and proportioning system. 3,196,892, 7–27–65, Cl. 137—114.

Savage, William E., to Shell Oil Co. Powder valve and discharge method. 3,179,471, 4–20–65, Cl. 302—42.

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Saveraid, Paul J.; 50% to A. J. Saveraid. Tractor mounted bulk material mixer. 3,190,620, 6–22–65, Cl. 259—171.

Saville, Frank S. Adjustable floor clean-out extension. 3,173,443, 3–16–65, Cl. 137—362.

Saville, Harold, and R. M. Dakin, to Bristol Siddeley Engines Ltd. Fuel system for supplying gaseous fuel to a combustion chamber. 3,203,178, 8–31–65, Cl. 60—39.28.

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Savio, Joseph, to Electro-Char Corp. Griddle plate. 3,225,682, 12–28–65, Cl. 99—446.

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Savit, Carl H., to Western Geophysical Co. of America. Marine navigation procedure. 3,212,189, 10–19–65, Cl. 33—1.

Savit, Carl H., and M. Holzman, to Western Geophysical Co. Method of geophysical exploration. 3,197,732, 7–27–65, Cl. 340—15.5.

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Sawa, Natsuo, K. Nagai, S. Kishizoe, Y. Tsujino, M. Kuriyama, and T. Shimamura, to Toho Rayon Kabushiki Kaisha. Process for manufacturing imidazolines or bisimidazolines. 3,210,371, 10–5–65, Cl. 260—309.6.

Sawa, Yoshiro, S. Maeda, and N. Tsuzi, to Shionogi & Co., Ltd. 3 - lower alkoxy-4-phenyloxy-14-hydroxy-N-methylmorphinans. 3,166,559, 1–19–65, Cl. 260—285.

Sawa, Yoshiro, S. Maeda, and N. Tsuzi, to Shionogi & Co., Ltd. 6-alkylmorphinan derivatives. 3,166,560, 1–19–65, Cl. 260—285.

Sawa, Yoshiro, N. Tsuzi, and H. Tada, to Shionogi & Co., Ltd. 3-alkoxy-substituted-N lower alkanoyl morphinans. 3,201,403, 8–17–65, Cl. 260—285.

Sawa, Yoshiro, S. Maeda, and M. Tsuji, to Shionogi & Co., Ltd. D - 3 - methoxy-N-methyl-Δ^6-morphinan and salts thereof. 3,211,738, 10–12–65, Cl. 260—285.

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Sawyer, Edgar W., Jr., and H. A. Smith, to Minerals & Chemicals Philipp Corp. Method of rendering fertilizer granules non-caking. 3,169,053, 2–9–65, Cl. 71—64.

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Sawyer, George M. Seed growth apparatus. 3,199,250, 8–10–65, Cl. 47—1.2.

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Sawyer, Philip L. Fuel injection pump. 3,172,362, 3–9–65, Cl. 103—2.

Sawyer, Webster M., Jr., W. C. Simpson, and G. S. Ronay, to Shell Oil Co. Method of foaming an olefin copolymer containing ethylene. 3,215,646, 11–2–65, Cl. 260—2.5.

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Saxe, Walter A. 3,208,635.
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Saxe, Walter A., to Saxe Brothers, Inc. Lever actuating napkin dispenser. 3,208,635, 9–28–65, Cl. 221—36.
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Sayles, David C., to United States of America, Army. Compacted hydrazine bisborane fuel and method of operating gas generators. 3,170,283, 2–23–65, Cl. 60—35.4.
Sayles, Raymond E., to Pennway Garment Co. Sharpening mechanism for reciprocating rotatable cutter. 3,181,406, 5–4–65, Cl. 83—174.
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Sayward, John W., and B. C. Westgate, Jr., to Ark-Les Switch Corp. Push button switch. 3,219,766, 11–23–65, Cl. 200—5.
Sazavsky, Jaromir K., to Link Division of General Precision, Inc. Precision positioning apparatus. 3,218,108, 11–16–65, Cl. 308—5.
Scacciati, Giovanni, to Montevecchio Societa Italiana del Piombo e dello Zinco. Process for the electrolytic production of hyperpure zinc. 3,200,055, 8–10–65, Cl. 204—114.
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Scanlon, John J., Jr., to United States of America, Army. Obturator for small arms. 3,166,864, 1–26–65, Cl. 42—16.
Scanlon, John J., Jr., to United States of America, Army. Projectile for firing a leakproof caseless round. 3,169,333, 2–16–65, Cl. 42—69.
Scanlon, John J., Jr., to United States of America, Army. Screens for use in a small projectile velocity measuring system. 3,215,933, 11–2–65, Cl. 324—70.
Scannell, Andrew W.: *See*—
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Scannell, James D.: *See*—
Wright, Edward S., and Scannell. 3,194,523.
Scannell, John B., to Greene, Tweed & Co. Method of forming a piston and like components. 3,166,832, 1–26–65, Cl. 29—156.62.
Scannell, Thomas D. Track-supported walker. 3,204,954, 9–7–65, Cl. 272—70.4.
Scanwell Laboratories, Inc.: *See*—
Cummings, William C. 3,222,620.
Watts, Chester B., Jr. 3,177,452.
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Scapa Dryers Ltd.: *See*—
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Race, Edward. 3,177,539.
Scapple, Robert Y.: *See*—
Stillman, Jerome I., and Scapple. 3,191,267.
Scaramucci, Domer. Dual flapper check valve. 3,208,472, 9–28–65, Cl. 137—454.2.
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Scarborough, Homer C., Y. H. Wu, and R. F. Feldkamp, to Mead Johnson & Co. Certain 4-substituted quinazolines. 3,184,462, 5–18–65, Cl. 260—256.4.
Scarborough, William E., to Reed Roller Bit Co. Method of drilling. 3,208,537, 9–28–65, Cl. 175—53.
Scarbrough, Alfred D.: *See*—
Amdahl, Lowell D., Brian, Scarbrough, Schneberger, and Koerner. 3,226,687.
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Scarfii, Alberto, and E. Gugliotta, to Sincat Soc. Industriale Catanese S.p.A. Processing of kainitic minerals. 3,199,948, 8–10–65, Cl. 23—38.

Scarlett, Reece M., to American Telephone and Telegraph Co. Two-wire test clip with integral capacitive probe. 3,181,-062, 4–27–65, Cl. 324—66.

Scarnato, Thomas J.: *See*—
Gordon, Paul C., and Scarnato. 3,175,345.

Scarnato, Thomas J., and P. C. Gordon, to International Harvester Co. Mower and guard structure therefor. 3,171,242, 3–2–65, Cl. 56—310.

Scaroni, Joseph A., Jr., to Automatic Electric Laboratories, Inc. Constant input-impedance limiter circuit. 3,206,617, 9–14–65, Cl. 307—88.5.

Scarpa, Bernard P.: *See*—
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Scarpa, Thomas J., G. G. Gibney, and B. P. Scarpa, to Edison Instruments, Inc. Flowmeters. 3,218,852, 11–23–65, Cl. 73—194.

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Scarr, John, Jr., to Gulf Research & Development Co. Dual mercury switch having common conductor and spiral bimetal actuation. 3,185,794, 5–25–65, Cl. 200—138.

Scarr, Robert W. A., I. Aleksander, and R. W. Hunt, to International Standard Electric Corp. Counter employing tunnel diode chain and reset means. 3,181,005, 4–27–65, Cl. 307—88.5.

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Scarvelis, Gus S., and G. R. Zaloudek, to Owens-Illinois Glass Co. Method of preparing polystyrene beads for molding. 3,207,820, 9–21–65, Cl. 264—53.

Scata, Mario: *See*—
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Scata, Mario, to International Standard Electric Corp. Reed-relay with adjustable ferrite element. 3,214,533, 10–26–65, Cl. 200—87.

Scattaglia, James V., to Bell Telephone Laboratories, Inc. Timing of pulse regeneration. 3,194,980, 7–13–65, Cl. 307—88.5.

Scatterfield, Walter R., to Armco Steel Corp. Coating compositions for metal and method of heat treating metals. 3,178,321, 4–13–65, Cl. 148—13.1.

Scavullo, Angelo C., to Legion Utensils Co., Inc. Shashlik sword. 3,217,635, 11–16–65, Cl. 99—419.

Scavuzzo, William J., A. Walulik, and C. J. Casaleggi, to Purolator Products, Inc. Throwaway filter arrangement. 3,224,585, 12–21–65, Cl. 210—232.

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Scerbo, Joseph E., and A. H. Shaw, to American Machine & Foundry Co. Symmetrical actuator. 3,212,732, 10–19–65, Cl. 244—46.

Scevola, Muzio, to Laboratori Pro-Ter S.p.A. Antibiotic compounds. 3,218,335, 11–16–65, Cl. 260—326.3.

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Schaad, Theodore A., to General Motors Corp. Door check and hold-open. 3,167,807, 2–2–65, Cl. 16—85.

Schaaf, Fred W., to International Business Machines Corp. Overprinting apparatus for printing a character and an accent. 3,199,446, 8–10–65, Cl. 101—93.

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Schaaf, Herbert L., to E. I. du Pont de Nemours and Co. Foldable explosive tape. 3,169,478, 2–16–65, Cl. 102—22.

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Schaar, Charles H., to The Kendall Co. Method of making perforated adhesive tapes. 3,183,116, 5–11–65, Cl. 117—98.

Schaar, Charles H., to The Kendall Co. Method and apparatus for making adhesive tapes. 3,214,502, 10–26–65, Cl. 264—154.

Schaar, Etienne L.J. G., to Norton Co. Inclined billet grinder. 3,178,859, 4–20–65, Cl. 51—45.

Schaar, Etienne L. J. G., to Norton Co. Grinding machine. 3,193,114, 7–6–65, Cl. 214—1.

Schaarschmidt, Edward C., to Merck & Co., Inc. Delaying the introduction of impurities when vapor depositing an epitaxial layer on a highly doped substrate. 3,170,825, 2–23–65, Cl. 148—175.

Schaarschmidt, Edward C., to Merck & Co., Inc. Deposition chamber including heater element enveloped by a quartz workholder. 3,220,380, 11–30–65, Cl. 118—48.

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Schaben, Clarence M., and T. C. Sunter, to D.K. Mfg. Co. Pneumatic conveyor machines having swivel cyclone separators. 3,210,127, 10–5–65, Cl. 302—23.

Schaberg, Johannes G., and F. C. Pritzlaff, to General Motors Corp. Gyroscope. 3,225,607, 12–28–65, Cl. 74—5.

Schabert, Hans-Peter, and H. Michael, to Siemens-Schuckertwerke Aktiengesellschaft. Nuclear fuel units with enclosures of the thimble type for pressure-tube nuclear reactors. 3,179,571, 4–20–65, Cl. 176—68.

Schacht, Gunter H.: *See*—
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Schacht, Gunter H., to International Business Machines Corp. Hammer control mechanism for record marking machine. 3,188,946, 6–15–65, Cl. 101—93.

Schacht, Sterling S., to The Reliance Electric & Engineering Co. Fingerless duct spacer for squirrel cage rotor. 3,182,-949, 5–11–65, Cl. 249—60.

Schachtman, Marshall G., to Bell Telephone Laboratories, Inc. Communication receiver utilizing negative feedback polarization modulation of electromagnetic waves and communication system including said receiver. 3,214,590, 10–26–65, Cl. 250—199.

Schad, Robert D., to Traders Leasing Ltd. Thin walled container. 3,169,688, 2–16–65, Cl. 229—1.5.

Schade, Harald. Centrifugal pump for contaminated liquids. 3,224,376, 12–21–65, Cl. 103—103.

Schade, Harald J. G., to Passavant Werke. Machines for filtering large quantities of water and other liquids. 3,221,-887, 12–7–65, Cl. 210—327.

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Schade, Otto H., Sr., to Radio Corp. of America. Method of making wire-wound grids for electron tubes. 3,164,175, 1–5–65, Cl. 140—149.

Schade, Otto H., Sr., to Radio Corp. of America. Electron tube and socket. 3,185,954, 5–25–65, Cl. 339—90.

Schade, Otto H., Sr., to Radio Corp. of America. High voltage electron discharge diode. 3,209,195, 9–28–65, Cl. 313—246.

Schade, Otto H., Sr., to Radio Corp. of America. Variable-mu electron discharge device. 3,217,202, 11–9–65, Cl. 313—295.

Schade, Wolfgang: *See*—
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Schaedler, Josef, to Filtrox-Werk AG. Liquid filtering apparatus. 3,203,549, 8–31–65, Cl. 210—136.

Schaedler, Raymond J., and R. C. Simmons, to Chicago Pneumatic Tool Co. Impact clutch. 3,174,597, 3–23–65, Cl. 192—30.5.

Schaefer, Carl F., to United Aircraft Corp. Apparatus for generating the locus of a nonlinear function. 3,179,868, 4–20–65, Cl. 318—162.

Schaefer, David H., to United States of America, National Aeronautics and Space Administration. Logarithmic converter. 3,194,951, 7–13–65, Cl. 235—154.

Schaefer, David H., to United States of America, National Aeronautics and Space Administration. Full binary adder. 3,196,261, 7–20–65, Cl. 235—176.

Schaefer, David H., to United States of America, National Aeronautics and Space Administration. Binary magnetic memory device. 3,198,955, 8–3–65, Cl. 307—88.

Schaefer, Edward E. Fishing reel displayer. 3,189,308, 6–15–65, Cl. 248—214.

Schaefer, Edward E., to Central Specialties Co. Pilfer-proof mounting. 3,211,408, 10–12–65, Cl. 248—203.

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Schaefer, Edward J., to Franklin Electric Co., Inc. Grease feed device. 3,206,261, 9–14–65, Cl. 308—187.

Schaefer, Edward J., to Franklin Electric Co., Inc. Multi-speed electric motors. 3,219,898, 11–23–65, Cl. 318—202.

Schaefer, Edwin C., to Standard Brands Inc. Partition member. 3,203,612, 8–31–65, Cl. 229—15.

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Schaefer, Frederic C.: *See*—
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Schaefer, Frederic C., to American Cyanamid Co. Method for the preparation of substituted s-triazine compounds. 3,203,550, 8–31–65, Cl. 210—248.

Schaefer, Frederic C., and K. R. Huffman, to American Cyanamid Co. N-cyanoimidates and processes for preparing same. 3,225,077, 12–21–65, Cl. 260—453.

Schaefer, Frederic J., II, to W. W. Fagan. Voice box for aural training. 3,182,746, 5–11–65, Cl. 181—20.

Schaefer, Friedbert, and F. Schmidt, to Farbenfabriken Bayer Aktiengesellschaft. Processes for the continuous production of dithiocarbamates. 3,210,409, 10–5–65, Cl. 260—500.

Schaefer, George L: *See*—
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Schaefer, Jean E.: *See*—
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Schaefer, Jean E., to The Procter & Gamble Co. Formation of firm packets of granular substance. 3,208,192, 9–28–65, Cl. 53—30.

Schaefer, Johannes, to I-T-E Circuit Breaker Co. Phase current balancing for multiphase rectifier circuits. 3,171,967, 3–2–65, Cl. 307—14.
Schaefer, Knut. Cinematographic camera with snap-spring release mechanism. 3,183,520, 5–11–65, Cl. 352—178.
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Schaefer, Robert H.: *See*—
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Schaefer, Robert H., to General Motors Corp. Transmission. 3,181,386, 5–4–65, Cl. 74—372.
Schaefer, Robert H., to General Motors Corp. Transmission control system. 3,225,619, 12–28–65, Cl. 74—472.
Schaefer, Seymour, to Aaron H. Plotzker. Containers for storing goblets, glasses and other similar products. 3,189,-074, 6–15–65, Cl. 150—52.
Schaefer, Stephen, to McPhilben Mfg. Co., Inc. Luminaire. 3,175,081, 3–23–65, Cl. 240—93.
Schaefer, Wilbur C., and C. R. Russell, to United States of America, Agriculture. Alkali-stable thin-boiling starches and method of making same. 3,193,409, 7–6–65, Cl. 127—33.
Schaefer, William E., to E. I. du Pont de Nemours and Co. Load cell protector. 3,213,680, 10–26–65, Cl. 73—141.
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Schaeffer, Aaron J., to Cutler-Hammer, Inc. Electrical circuit assembly. 3,184,645, 5–18–65, Cl. 317—101.
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Schaeffer, William D., to Union Oil Co. of California. Amidomethylation of olefins. 3,190,882, 6–22–65, Cl. 260—268.
Schaeffer, William D., to Union Oil Co. of California. Clathration process. 3,197,525, 7–27–65, Cl. 260—674.
Schaeffer, William D., to Union Oil Co. of California. Clathration process. 3,222,414, 12–7–65, Cl. 260—674.
Schaeffler, Georg, to Industriewerk Schaeffler Ohg. Method for production of thin walled cylindrical cages. 3,204,323, 9–7–65, Cl. 29—148.4.
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Schaf, Jack. Apparatus for simultaneously charging a battery and operating a timer motor. 3,214,670, 10–26–65, Cl. 320—2.
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Schafer, Helmut, to H. Biel. Apparatus for detecting surface imperfections on moving webs, especially of paper. 3,164,-015, 1–5–65, Cl. 73—159.
Schafer, Helmut K., and F. Kalk, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Fertilizer composition containing condensation products of urea and aldehyde. 3,219,432, 11–23–65, Cl. 71—28.
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Schafer, Kenneth A., to Freeman Chemical Corp. Encapsulating articles with resinous materials and tapes useful therefor. 3,193,426, 7–6–65, Cl. 156—185.
Schafer, Kenneth A., to Freeman Chemical Corp. Laminated articles having deeply embossed surfaces and method of making same. 3,193,435, 7–6–65, Cl. 161—40.
Schafer, Kenneth A., to Freeman Chemical Corp. Laminated articles containing sheets of flexible foamed plastics and method for making the same. 3,193,437, 7–6–65, Cl. 161—89.
Schafer, Kenneth A., to Freeman Chemical Corp. Impregnated foamed resin and use thereof. 3,193,438, 7–6–65, Cl. 161—89.
Schafer, Kenneth A., to Freeman Chemical Corp. Laminated articles and laminating preforms therefor. 3,193,440, 7–6–65, Cl. 161—159.
Schafer, Kenneth A., to Freeman Chemical Corp. Laminated articles and method of making same. 3,193,441, 7–6–65, Cl. 161—159.
Schafer, Kenneth A., to Freeman Chemical Corp. Process of molding laminating preforms of foamed polyurethane having open, connected cells. 3,193,598, 7–6–65, Cl. 264—54.
Schafer, Leonhard. Die for checkerboard pastry. 3,213,808, 10–26–65, Cl. 107—1.
Schafer, Leonhard. Pastry convoluting device. 3,225,710, 12–28–65, Cl. 107—9.
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Schafer, Vernon E., Jr., to General Motors Corp. Method and coring for casting and manufacturing cylinder heads and the like. 3,167,854, 2–2–65, Cl. 29—156.4.
Schafer, Werner, and H. Restle, to Behringwerke Aktiengesellschaft. Process for preparing an antipoliomyelitis vaccine. 3,197,372, 7–27–65, Cl. 167—78.
Schäfer, Wilhelm, to Ernst Leitz G.m.b.H. Automatic fastening device for film take-up reels. 3,181,806, 5–4–65, Cl. 242—71.2.
Schäfer, Willi, and G. Keitel, to Stabilus Industrie- und Handelsgesellschaft m.b.H. Shock absorber with primary and secondary damping chambers. 3,175,645, 3–30–65, Cl. 188—87.
Schaff, Paul W., to Warwick Electronics Inc. Record changer. 3,218,079, 11–16–65, Cl. 274—10.
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Schäffer, Heinrich, to C. A. Delius & Sohne. Process and an apparatus for controlling the weft threads in weaving looms. 3,186,444, 6–1–65, Cl. 139—370.
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Jeger, Oskar, and Schaffner. 3,211,763.
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Schaffner, Paul E., to Schaffner Mfg. Co., Inc. Polishing wheel. 3,206,894, 9–21–65, Cl. 51—336.
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Schafroth, Werner. High speed table stapling machine. 3,181,730, 5–4–65, Cl. 227—7.
Schafroth, Werner. Power driven stapling machine. 3,191,-841, 6–29–65, Cl. 227—130.
Schaftelowitz, Henry, to Telefonaktiebolaget L M Ericsson. Distortion compensation at wide-band transmission over a number of equal narrow-band channels. 3,226,485, 12–28–65, Cl. 179—15.
Schagen, Pieter, D. G. Taylor, and A. W. Woodhead, to North American Philips Co., Inc. Electron-optical image intensifier system. 3,225,204, 12–21–65, Cl. 250—213.
Schaible, Michael, and W. Tuttle, to Altamil Corp. Automatic mold preparing apparatus. 3,181,207, 5–4–65, Cl. 22—20.
Schaible, Michael, and W. Tuttle, to Altamil Corp. Method for the use of dynamic vacuum in foundry operations. 3,181,213, 5–4–65, Cl. 22—193.
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Schaich, Wilbur A., to Owens-Illinois Glass Co. Method of and apparatus for manufacturing pressed glass articles. 3,184,296, 5–18–65, Cl. 65—73.
Schaich, Wilbur A., to Owens-Illinois Glass Co. Apparatus for supporting a reinforcing mesh in a mold. 3,201,846, 8–24–65, Cl. 25—118.
Schaich, Wilbur A., to Owens-Illinois Glass Co. Method for making plastic articles. 3,217,072, 11–9–65, Cl. 264—98.
Schain, Philip. Frozen section clarifier. 3,193,462, 7–6–65, Cl. 167—84.5.
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Schmalz, Alfred C., to Hercules Powder Co. Process for preparing aqueous solutions of alkylated aminopolyamide-epichlorohydrin resins and use of same as retention aids. 3,215,654, 11–2–65, Cl. 260—17.3.

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Schmermund, Alfred. Photoelectric feeler alignment device for checking packs of elongated articles. 3,192,389, 6–29–65, Cl. 250—222.

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Schmermund, Alfred. Cutting arrangements. 3,203,292, 8–31–65, Cl. 83—341.

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Schmid, Arvin E. Power pruning shears. 3,178,816, 4–20–65, Cl. 30—228.

Schmid, August. Check operated time switch. 3,187,122, 6–1–65, Cl. 200—38.

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Schmid, Hans, and E. Wagenbichler, to Brown, Boveri & Cie., Aktiengesellschaft. Spring-pressed arrangement for transformer and choke coil windings. 3,172,064, 3–2–65, Cl. 336—197.
Schmid, Hans, and H. Feldhoff, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Apparatus for continuous drying of powdery or granular materials in a high-frequency field. 3,222,491, 12–7–65, Cl. 219—10.65.
Schmidt, Hans O. Multicolor pen, particularly a multicolor ball point pen. 3,225,747, 12–28–65, Cl. 120—42.13.
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Schmid, Heinrich, and A. Graule, to Deutsche Edelstahlwerke Aktiengesellschaft, and Allgemeine Elektricitats-gesellschaft, and Maschinenfabrik Alfing Kessler Kommanditgesellschaft. Apparatus for hardening bearings on crankshafts. 3,191,744, 6–29–65, Cl. 198—19.
Schmid, Hermann. Hybrid multiplier. 3,171,022, 2–23–65, Cl. 235—150.
Schmid, Hermann, to Link Division of General Precision, Inc. Digital comparator. 3,182,240, 5–4–65, Cl. 318—28.
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Schmid, John H., to Zurn Industries, Inc. Combination water closet, fitting, and seal therefor. 3,195,150, 7–20–65, Cl. 4—252.
Schmid, Leopol, to Dr. Ing. Porsche, h.c. F., KG. Clutch with synchronizing ring. 3,203,522, 8–31–65, Cl. 192—53.
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Schmidle, Claude J., R. S. Shaw, and G. L. Brown, to Rohm & Haas Co. Polymer systems and method of preparation thereof. 3,166,524, 1–19–65, Cl. 260—23.
Schmidle, Claude J., G. L. Brown, and R. S. Shaw, to Rohm & Haas Co. Polymer systems and method of preparing thereof. 3,218,287, 11–16–65, Cl. 260—33.6.
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Schmidt, Charles J., and C. Andricos, to Maxson Electronics Corp. Range and tracking circuit. 3,189,896, 6–15–65, Cl. 343—7.3.
Schmidt, Daniel. Brake actuating mechanism for motor vehicle. 3,195,674, 7–20–65, Cl. 180—83.
Schmidt, David, to Escher Wyss Aktiengesellschaft. Closed-circuit thermal power plant and flash distillation unit. 3,213,001, 10–19–65, Cl. 202—173.
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Schmidt, Edward M., to Borg-Warner Corp. Static inverter. 3,219,919, 11–23–65, Cl. 323—89.
Schmidt, Elmer L., to The Flex-O-Lite Mfg. Corp. Glass bead furnace and method of making glass beads. 3,190,737, 6–22–65, Cl. 65—21.
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Schmidt, Francis J., to American Potash & Chemical Corp. Method for electroplating on titanium. 3,207,679, 9–21–65, Cl. 204—42.
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Schmidt, George A., to Strick Trailers, a division of Fruehauf Trailer Co. Fail-safe means for mechanism coupling running gear to vehicle body. 3,177,002, 4–6–65, Cl. 280—81.
Schmidt, George A., to Strick Trailers, a division of Fruehauf Trailer Co. Load equalizer for single axle bogies. 3,177,004, 4–6–65, Cl. 280—104.5.
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Schmidt, Gunther, to Houston Schmidt Ltd. Apparatus for transporting film strips on a fluid cushion. 3,192,845, 7–6–65, Cl. 95—89.
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Schmidt, Heinrich K., and J. Zurick, to Roller Bearing Co. of America. Ball and socket bearing. 3,174,811, 3–23–65, Cl. 308—72.

Schmidt, Henry, Jr., to Industrial Filter & Pump Mfg. Co. Filter cake thickness detector. 3,204,766, 9–7–65, Cl. 210—86.

Schmidt, Henry, Jr., to Industrial Filter & Pump Mfg. Co. Filtration apparatus utilizing unrollable filter medium. 3,224,587, 12–21–65, Cl. 210—330.

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Schmidt, Lewis W., 16% each to L. K. Schmidt, A. M. Jongeneel, L. W. Schmidt, and C. A. Loucks; 10% to G. C. Gordon and E. F. Blackwelder, 8% to D. P. Newell, and 1⅔% each to P. G., F. H., and R. E. Holt, H. H. Shelton, and F. A. and D. A. Guernsey. Compensating draft unit. 3,215,588, 11–2–65, Cl. 172—239.

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Schmidt, Paul, and M. Wilhelm, to Ciba Corp. Thiaindane derivatives. 3,178,449, 4–13–65, Cl. 260—330.5.

Schmidt, Paul, K. Eichenberger, and M. Wilhelm, to Ciba Corp. Benzoyl guanidines. 3,178,475, 4–13–65, Cl. 260—558.

Schmidt, Paul, K. Eichenberger, and M. Wilhelm, to Ciba Corp. Pyrazolo-pyrimidines and process for preparing same. 3,211,731, 10–12–65, Cl. 260—256.4.

Schmidt, Paul, K. Eichenberger, and M. Wilhelm, to Ciba Corp. Pyrazolo[3 :4-d]pyrimidines. 3,211,732, 10–12–65, Cl. 260—256.4.

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Schmidt, Peter. Safety locking means for containers and the like. 3,214,055, 10–26–65, Cl. 220—55.

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Schmidt, Walter, to Loewe Opta AG. Electronic flash unit. 3,204,089, 8–31–65, Cl. 240—1.3.

Schmidt, Walter L., to Waverly Associates, Inc. Vacuum-venturi process of rapidly digesting pulp. 3,201,303, 8–17–65, Cl. 162—53.

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Schuster, Allan C. Drill apparatus and drill bit for enlarging apertures. 3,202,228, 8–24–65, Cl. 175—53.
Schuster, Danver M., to United States of America, National Aeronautics and Space Administration. Antenna beam-shaping apparatus. 3,209,360, 9–28–65, Cl. 343—781.
Schuster, Danver M., and D. L. Nixon, to United States of America, National Aeronautics and Space Administration. Parabolic reflector horn feed with spillover correction. 3,212,096, 10–12–65, Cl. 343—781.
Schuster, Donald H., to Collins Radio Co. Two-level D.C./A.C. power converter or amplitude modulator. 3,225,209, 12–21–65, Cl. 307—80.
Schuster, Frank C., to Allis-Chalmers Mfg. Corp. Control system for preventing the opening of a clamp device on a lift truck when the truck is in motion. 3,199,698, 8–10–65, Cl. 214—653.
Schuster, John E., to Atlantic Research Corp. Motor driven apparatus for the automatic closing of a switch. 3,184,-565, 5–18–65, Cl. 200—92.
Schuster, Karl: *See*—
Gorike, Rudolf, and Schuster. 3,204,031.
Schuster, Karl U. Screen fabric for making forming wires for paper machines. 3,216,893, 11–9–65, Cl. 162—348.
Schuster, John R.: *See*—
Berkey, William E., and Schuster. 3,192,686.
Schuster, Nick A., to Schlumberger Well Surveying Corp. Logging tool housing with acoustic delay. 3,191,141, 6–22–65, Cl. 340—17.
Schuster, Norman J., and C. H. Wolfe, to Litton Systems, Inc. Multilayer printed circuit board with solder access apertures. 3,219,749, 11–23–65, Cl. 174—68.5.
Schuster, Richard L.: *See*—
Graser, Earl J., and Schuster. 3,181,727.
Sherman, Earle C., and Schuster. 3,166,229.
Schuster, Roman. Chamfering apparatus. 3,191,500, 6–29–65, Cl. 90—11.
Schutmaat, Wayne H.: *See*—
Martin, John E., and Schutmaat. 3,213,606.
Schutmaat, Wayne H., to Standard-Thomson Corp. Control apparatus. 3,173,244, 3–16–65, Cl. 60—23.
Schutmaat, Wayne H., to Standard-Thomson Corp. Control apparatus. 3,173,245, 3–16–65, Cl. 60—23.
Schutt, Jerome W., to Aircoustic Co., Inc. Vented acoustic panel. Re. 25,948, 12–14–65, Cl. 98—40.
Schutt, Jerome W., to Aircoustic Co., Inc. Airflow and noise controlling plenum diffuser assembly. 3,177,795, 4–13–65, Cl. 98—40.
Schutt, Norman C., and F. W. Flynn, to Powers Chemco, Inc. Vacuum film support. 3,197,170, 7–27–65, Cl. 248—363.
Schutt, Paul, 45% to McArds Manufacturer's Agencies. Tire for vehicle. 3,208,497, 9–28–65, Cl. 152—157.
Schutte, Charles E., to Ford Motor Co. Latch mechanism. 3,170,722, 2–23–65, Cl. 292—304.
Schutte, Myles H.: *See*—
Talley, Dolen O., and Schutte. 3,164,963.
Schutte, Myles H., to Bell Bottom Foundation Co. Method of preparing subsurface and forming concrete column therein. 3,191,390, 6–29–65, Cl. 61—53.6.
Schüttlöffel, Erich, and W. Krank, to Telefunken Patentverwertungs-G.m.b.H. Flexible corrugated-wall elliptical-cross-section waveguide useful for propagating only one polarization of fundamental mode. 3,200,356, 8–10–65, Cl. 333—95.
Schutz, Delbert P.: *See*—
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Schutz, Ewald, and H. C. Cassey, to The Black and Decker Mfg. Co. Work hold-down for power-operated panel saw. 3,213,908, 10–26–65, Cl. 143—47.
Schutz, Howard G.: *See*—
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Schutze, Wilfried P. M., to Telefonaktiebolaget L M Ericsson. Circuit arrangement for telephone instruments. 3,226,492, 12–28–65, Cl. 179—170.
Schutzman, Philip: *See*—
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Schuur, Gerrit. Mixing and kneading machine. 3,224,739, 12–21–65, Cl. 259—4.
Schuursma, Gosling R.: *See*—
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Schuvart, John A., to Esso Research and Engineering Co. Side-entry fluid fuel injection system for furnaces. 3,209,-810, 10–5–65, Cl. 158—76.
Schuyler, Fred B. Car top carrier. 3,215,295, 11–2–65, Cl. 214—450.
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Hanulec, Joseph D., and Schwab. 3,201,705.
Schwab, Carl E., to Hazeltine Research, Inc. Radar tester. 3,172,105, 3–2–65, Cl. 343—17.7.
Schwab, Carl M., to Otis Engineering Corp. Method and means for treating wells. 3,186,483, 6–1–65, Cl. 166—42.
Schwab, Charles L., to Allis-Chalmers Mfg. Co. Fluid transfer type clutch actuator. 3,199,648, 8–10–65, Cl. 192—87.
Schwab, Fredric P.: *See*—
Stephens, Charles D. 3,175,321.
Schwab, Gustav, and H. Tschernuth, to Osterreichisch-Amerikanische Magnesit Aktiengesellschaft. Process for manufacturing lightweight building slabs. 3,214,311, 10–26–65, Cl. 156—62.8.
Schwab, Hans, to Karl Kassbohrer Fahrzeugwerke G.m.b.H., Firma. Multiple-axle vehicle. 3,219,360, 11–23–65, Cl. 280—104.5.
Schwab, Heinz, C. Soiron, E. A. Rauchle, and W. Leutenegger, to J. R. Geigy, A.-G. Apparatus for the continuous dyeing of wool with a dye liquor. 3,210,967, 10–12–65, Cl. 68—5.
Schwab, Helmut, W. R. Horst, C. S. Van Voorhis, and S. F. Coil, to The National Cash Register Co. Light-reactant display devices. 3,225,470, 12–28–65, Cl. 40—28.
Schwab, Joseph F., to I-T-E Circuit Breaker Co. Circuit breaker having a first plurality of series connected fuses and a second plurality of fuses in parallel therewith. 3,171,-926, 3–2–65, Cl. 200—114.
Schwab, Kuno, G. Schmausser, E. Konrad, and J. Hoffmann, to Dinglerwerke Aktiengesellschaft. Burst effect testing target. 3,194,066, 7–13–65, Cl. 73—167.
Schwab, Louis. Air filtration. 3,204,391, 9–7–65, Cl. 55—374.
Schwab, Louis. Air filter terminating in a collection pocket. 3,204,392, 9–7–65, Cl. 55—381.
Schwab, Otto, to Zahnradfabrik Friedrichshafen, Aktiengesellschaft. Transmission gear for motor vehicles. 3,209,618, 10–5–65, Cl. 74—688.
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Schwab, Richard, R. Birk, and H. Käufer, to Agfa Aktiengesellschaft. Photographic developing machine. 3,170,382, 2–23–65, Cl. 95—89.
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Schwabe, William E., A. Z. Sleeper, L. E. Bacon, and C. A. Taussig, to Union Carbide Corp. Support means for a refractory lined furnace. 3,190,626, 6–22–65, Cl. 263—46.
Schwabische Huttenwerke G.m.b.H.: *See*—
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Schwachula, Ernst, to Firma Ingeborg Schwachula, K.G. Spacer for building construction. 3,191,345, 6–29–65, Cl. 50—519.
Schwager, Henry H., and C. E. Kerr, to Powerdyne, Inc. High voltage disconnect electric circuit interrupter. 3,175,054, 3–23–65, Cl. 200—48.
Schwalm, Bruce D., to Sperry Rand Corp. Forage harvester. 3,191,367, 6–29–65, Cl. 56—23.
Schwalm, Bruce D., to Sperry Rand Corp. Forage harvester. 3,191,373, 6–29–65, Cl. 56—504.
Schwalm, Bruce D., and R. M. Van Ginhoven, to Sperry Rand Corp. Fertilizer distributor outlet control. 3,179,312, 4–20–65, Cl. 222—486.
Schwan, Judith A., and J. R. Dann, to Eastman Kodak Co. Accelerators for reversal color development. 3,201,242, 8–17–65, Cl. 96—55.
Schwanbom, Anders A., and B. Liden, to Stockholms Superfosfat Fabriks Aktiebolag. Process for electrolytic manufacturing of alkali metal chlorates. 3,180,811, 4–27–65, Cl. 204—95.
Schwanenflugel, Paul J., to Westinghouse Electric Corp. Timing static device. 3,201,604, 8–17–65, Cl. 307—88.5.
Schwarb, Gustav: *See*—
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Schwartz, Adolph K.: *See*—
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Fox, Alfred E., Schwartz, and Turner. 3,172,815.
Schwartz, Benno A., Jr., to The Steel Improvement and Forge Co. Apparatus for electrolytically treating the interior of a bore. 3,183,176, 5–11–65, Cl. 204—212.
Schwartz, Bernard, to The Singer Co. Direct turn step attenuator. 3,219,953, 11–23–65, Cl. 333—81.
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Schwartz, Daniel M., and J. Rosenblatt, to The Eimco Corp. Cooling system for earth handling vehicle. 3,185,242, 5–25–65, Cl. 180—54.
Schwartz, Daniel M., D. E. Hendrickson, and R. A. Knopp, to The Eimco Corp. Mining apparatus and method of operating the same. 3,196,563, 7–27–65, Cl. 37—115.
Schwartz, Daniel M., T. N. Hackett, and D. I. McCallum, deceased (L. C. McCallum, administratrix), to The Eimco Corp. Pressure fluid control means and system. 3,175,470, 3–30–65, Cl. 91—189.
Schwartz, Daniel S., to Gulton Industries, Inc. Flexible strain transducer. 3,205,464, 9–7–65, Cl. 338—2.
Schwartz, David S. Collapsible file drawer insert. 3,214,077, 10–26–65, Cl. 229—34.
Schwartz, Edward, to Sperry Rand Corp. Memory system. 3,178,693, 4–13–65, Cl. 340—174.
Schwartz, Erich, and M. Paul, deceased (U. Paul, legal representative). Anionic polymerization of higher lactams. 3,216,976, 11–9–65, Cl. 260—78.
Schwartz, Evan L. Dispenser for rolled toilet tissue. 3,168,258, 2–2–65, Cl. 242—55.42.
Schwartz, Evan L. Rolled toilet tissue dispenser. 3,217,998, 11–16–65, Cl. 242—55.42.
Schwartz, Frederick W., Jr., and E. A. Phillips, to Union Tank Car Co. Vehicle hatch cover. 3,194,183, 7–13–65, Cl. 105—377.
Schwartz, Gaylord P., and J. D. Skelton, to Jersey Production Research Co. Frequency spectrum control for seismic signals. 3,180,445, 4–27–65, Cl. 181—.5.
Schwartz, Harold O., H. E. W. Bode, and J. R. Brand, to The Wurlitzer Co. Preference network. 3,178,500, 4–13–65, Cl. 84—1.01.
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Schwartz, Herbert S., to United States of America, Air Force. Method for making porous composite materials. 3,189,499, 6–15–65, Cl. 156—155.
Schwartz, Howard E., to Jetcut Corp. Shape cutting machine. 3,172,938, 3–9–65, Cl. 266—23.
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Schwartz, James W., to The Omega Electronics Corp. Bridge power amplifier with linearizing feedback means. 3,212,019, 10–12–65, Cl. 330—14.
Schwartz, Jerome, to Taylor Lock Co. Lock construction. 3,186,199, 6–1–65, Cl. 70—370.
Schwartz, Joseph, to General American Transportation Corp. Combination threaded bolt and packaging device therefor. 3,190,536, 6–22–65, Cl. 229—40.
Schwartz, Jules H., to Traders Leasing Ltd. Thin walled container. 3,169,689, 2–16–65, Cl. 229—1.5.
Schwartz, Leon, and J. Mueller, to Sperry Rand Corp. Printed circuit board connector assembly. 3,200,361, 8–10–65, Cl. 339—17.
Schwartz, Leon, and J. Mueller, to Sperry Rand Corp. Electrical contact. 3,209,310, 9–28–65, Cl. 339—217.
Schwartz, Melvin, and R. J. Patch, to United States of America, Navy. High speed circuit interruption detector. 3,215,996, 11–2–65, Cl. 340—253.
Schwartz, Milton, to Advance Food Service Equipment, Inc. Storage rack. 3,222,117, 12–7–65, Cl. 312—264.
Schwartz, Morris, and E. K. Kaprelian, to The Kalart Co. Inc. Combined photographic transparency and stationary spiral-shaped sound track carrier support frame. 3,191,494, 6–29–65, Cl. 88—28.
Schwartz, Morris, and W. Castedello, to The Kalart Co., Inc. Cartridge for film and tape. 3,210,054, 10–12–65, Cl. 88—28.
Schwartz, Murray A., to United States of America, Atomic Energy Commission. Method of vitrifying ceramic coatings. 3,170,812, 2–23–65, Cl. 117—93.2.
Schwartz, Paul, R. S. Rothschild, G. G. Leeds, and R. M. Sugarman, to General Applied Science Laboratories, Inc. Apparatus and method for measuring time intervals between points on recurring signals. 3,197,700, 7–27–65, Cl. 324—68.
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Schwartz, Roy C., to Galland-Henning Mfg. Co. Plastic piston assembly. 3,176,595, 4–6–65, Cl. 92—243.
Schwartz, Samuel A. Voltage to frequency converter. 3,169,233, 2–9–65, Cl. 332—12.
Schwartz, Samuel A., to Fairchild Camera and Instrument Corp. Combined television sweep current generator and power supply. 3,179,843, 4–20–65, Cl. 315—27.
Schwartz, Samuel A. Display apparatus having spheres mounted on rods. 3,199,098, 8–3–65, Cl. 340—324.
Schwartz, Samuel H., to The Dolve Valve Co. Latch mechanism. 3,179,456, 4–20–65, Cl. 292—144.
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Schwartz, Sandor. Phonograph record rack stand. 3,195,732, 7–20–65, Cl. 211—40.
Schwartz, Seymour S., to B. F. Edwards. Child's feeding apparatus. 3,172,561, 3–9–65, Cl. 220—90.2.
Schwartz, Seymour S., and N. Bilow, to Hughes Aircraft Co. Polyurethane foam forming compositions. 3,226,344, 12–28–65, Cl. 260—2.5.
Schwartz, Walter, to TRW Inc. Means for positioning a plurality of elements in orbit about a celestial body. 3,222,675, 12–7–65, Cl. 343—18.
Schwartz, William. Magnetic floor cleaning device. 3,206,783, 9–21–65, Cl. 15—105.
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Schwarz, Peter D., to General Signal Corp. Parking area cashiering system. 3,220,009, 11–23–65, Cl. 346—33.

Schwarz, Peter D., and R. A. Overmyer, to General Signal Corp. Exit selecting system. 3,205,479, 9–7–65, Cl. 340—51.

Schwarz, Ralph L., to Douglas & Lomason Co. Engine turning machine. 3,220,087, 11–30–65, Cl. 29—90.

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Schwarzer, Carl G., to Shell Oil Co. Modified polymers. 3,206,432, 9–14–65, Cl. 260—63.

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Schweiker, Malcolm A., to American Olean Tile Co., Inc. Apparatus for stacking tiles in magazines. 3,222,845, 12–14–65, Cl. 53—245.

Schweikert, Nancy. Collapsible play pen. 3,173,155, 3–16–65, Cl. 5—98.

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Schweitzer, Earl O., to Clevite Corp. Chart tube retaining means for recorder. 3,178,126, 4–13–65, Cl. 242—68.3.

Schweitzer, Earl O. Jar mounting device. 3,222,023, 12–7–65, Cl. 248—225.

Schweitzer, Earl O. Jar mounting device. 3,224,594, 12–21–65, Cl. 211—74.

Schweitzer Edmund O., Jr. Electric current converting means. 3,188,544, 6–8–65, Cl. 318—257.

Schweitzer, Edmund O., Jr., to S. & C. Electric Co. Power line voltage measurement modulated transmission system. 3.197.702, 7–27–65, Cl. 324—127.

Schweitzer, Edmund O., Jr. Means for protecting power circuits and the like. 3,223,889, 12–14–65, Cl. 317—14.

Schweitzer, Edmund O., Jr. Electric current conversion with a non-linear resistance bridge circuit. 3,223,914, 12–14–65, Cl. 321—8.

Schweitzer, Edmund O., Jr. Magnetic frequency doubler with means for producing a unidirectional magnetic flux in said doubler. 3,223,917, 12–14–65, Cl. 321—68.

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Schwenk, Ulrich, L. Schlafer, G. Mau, M. Forderreuther, and F. Hubenett, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for regenerating silver salt solutions. 3,208,820, 9–28–65, Cl. 23—50.

Schwenk, William E., to International Paper Co. Method and apparatus for sealing milk containers and the like. 3,200,557, 8–17–65, Cl. 53—39.

Schwenkler, Norbert H., to Patent License Corp. Lighting fixture. 3,210,875, 10–12–65, Cl. 40—129.

Schwenkler, Norbert H., to Patent License Corp. Lighting fixture. 3,211,904, 10–12–65, Cl. 240—7.35.

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Schwent, Glennon V., and H. W. Wright, Jr., to The Garrett Corp. Fuel control mechanism for a gas turbine engine. 3,213,613, 10–26–65, Cl. 60—39.28.

Schwenzfeger, Edward E., and I. M. Vogt, to Bell Telephone Laboratories, Inc. Pulse sequence timer. 3,197,650, 7–27–65, Cl. 307—88.

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Schwerdhofer, Hans J., to Fichtel & Sachs A.G. Multiple speed bicycle hub. 3,176,545, 4–6–65, Cl. 74—750.

Schwerdhofer, Hans J., to Fichtel & Sachs A.G. Multiple-speed bicycle hub. 3,180 181, 4–27–65, Cl. 74—750.

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Schwertz, Frederick A., to Xerox Corp. Electro-optical recording and visual display systems. 3,221,335, 11–30–65, Cl. 346—74.
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Schwinghamer, Robert J. Apparatus for securing objects together. 3,196,529, 7–27–65, Cl. 29—200.
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Schwinghamer, Robert J. Method of securing objects together by expanding the inner object. 3,210,842, 10–12–65, Cl. 29—522.
Schwinghamer, Robert J. Method of magnetically releasing clamped objects. 3,214,832, 11–2–65, Cl. 29—427.
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Scislowicz, Henry M., to Abbott Laboratories. Apparatus for administering a parenteral solution provided with a diaphragm float valve. 3,216,419, 11–9–65, Cl. 128—214.
Scisson, Sidney E., and G. J. Fenix. Underground pressure vessel construction method. 3,216,200, 11–9–65, Cl. 61—40.
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Scollard, Alvoid V., and A. E. Comstock, to Safeway Stores, Inc. Egg handling and packing apparatus. 3,224,162, 12–21–65, Cl. 53—247.

Scollard, Alvoid V., and A. E. Comstock, to Safeway Stores, Inc. Egg candling and grading apparatus. 3,224,559, 12–21–65, Cl. 198—38.
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Scollard, Alvoid V., and A. E. Comstock, to Safeway Stores, Inc. Egg weighing and sorting apparatus. 3,224,580, 12–21–65, Cl. 209—121.
Scollard, Alvoid V., and A. E. Comstock, to Safeway Stores, Inc. Egg handling and grading apparatus. 3,224,610, 12–21–65, Cl. 214—309.
Sconza, Stanley C. Tie rack. 3,168,197, 2–2–65, Cl. 211—13.
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Scott, Don, to Fermco Laboratories, Inc. Protecting packaged heat-processed aqueous food from oxygen deterioration. 3,193,393, 7–6–65, Cl. 99—182.
Scott, Donald D., to United States of America, Navy. Tiltable disc-type drive wheels for vehicles. 3,212,594, 10–19–65, Cl. 180—7.
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Scott, Eugene W., to Westinghouse Electric Corp. Refrigeration system. 3,208,235, 9–28–65, Cl. 62—227.
Scott, Francis H., to General Motors Corp. Vehicle body. 3,180,677, 4–27–65, Cl. 296—107.
Scott, Frederic B. B., to Bausch & Lomb Inc. Apparatus for hot pressing ceramic material. 3,178,792, 4–20–65, Cl. 25—45.
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Scott, Junius D., to Link-Belt Co. Electromagnet voltage compensator control circuit. 3,188,528, 5–8–65, Cl. 317—149.
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Jakob, Fritz, Ruckdeschel, and Seidel. 3,174,293.

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Seidel, William B., to The Cincinnati Milling Machine Co. Truing mechanism for grinding machine. 3,220,399, 11–30–65, Cl. 125—11.

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Seiden, Frederick C., to Potter Instrument Co., Inc. Tape cartridge. 3,198,450, 8–3–65, Cl. 242—55.13.

Seiden, Herman L.: *See*—
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Seiden, Herman L., and T. Zale, to Lion Mfg. Corp. Linear action ball bumper. 3,180,645, 4–27–65, Cl. 273—118.

Seiden, Hugo, to JFD Electronics Corp. Trimmer capacitor with direct travel mechanism. 3,226,616, 12–28–65, Cl. 317—249.

Seiden, Myron A., to General Motors Corp. Ignition timing control device. 3,203,411, 8–31–65, Cl. 123—146.5.

Seiden, Paul: *See*—
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Seiderman, Abe, to Universal Firearms Corp. Locking device for firearm stocks. 3,208,178, 9–28–65, Cl. 42—71.
Seidl, Alois, to Wasag-Chemie Aktiengesellschaft. Foamed silicate structures. 3,184,371, 5–18–65, Cl. 161—193.
Seidl, Alois C., and F. Walker, to Allis-Chalmers Mfg. Co. Rotor shifting mechanism. 3,187,213, 6–1–65, Cl. 310—209.
Seidl, Joseph A., to A. O. Smith Corp. Reinforced vehicle frame for low ground clearance vehicle. 3,176,786, 4–6–65, Cl. 180—70.
Seidler, Karl, to Patent-Freuhand-Gesellschaft fur elektrische Gluhlampen m.b.H. Photoflash lamp and method. 3,218,-832, 11–23–65, Cl. 67—31.
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Seifert, Gerd W. Rapid-action clutch assembly. 3,209,993, 10–5–65, Cl. 230—270.
Seifert, Kurt. Device for cooling and muffling hot gas jets. 3,208,552, 9–28–65, Cl. 181—52.
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Allerton, George L., Seifert, and Stark. 3,212,000.
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Seifried, Walter, and O. Müller, to Kalle Aktiengesellschaft. Process for the manufacture of shrinkable polyterephthalic acid glycol ester films. 3,187,075, 6–1–65, Cl. 264—289.
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Seigel, Harold O. Method of geophysical prospecting by comparing the steady state magnetic field measured due to current flow through a medium with the transient magnetic field measured after termination of the current flow. 3,210,652, 10–5–65, Cl. 324—1.
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Seiler, Fritz, to Edouard Dubied et Cie. (Societe Anonyme). Selecting devices for circular knitting machines. 3,225,567, 12–28–65, Cl. 66—50.
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Laws, Ira G., and Wilson. 3,181785.
Mahoney, Edward H. 3,214,759.
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Seitner, Jack E., to Electro-Mechanical Research, Inc. Tape-speed compensation utilizing phase-locked loop detectors for use in telemetering systems. 3,181,133, 4–27–65, Cl. 340—174.1.
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Seizinger, August, to Agfa Aktiengesellschaft. Photographic reproduction apparatus. 3,217,593, 11–16–65, Cl. 88—24.
Sekely, Michael E., to Radio Corp. of America. Binary inverter circuit employing unipolar field effect transistors. 3,215,861, 11–2–65, Cl. 307—88.5.
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Sekhar, Balachandra C., and S. N. Angrove, to The Rubber Research Institute of Malaya. Hydrozine-formaldehyde as a reinforcing agent for rubber latex foam. 3,215,651, 11–2–65, Cl. 260—2.5.
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Sekmakas, Kazys, to De Soto Chemical Coatings, Inc. Modified acrylamide interpolymers containing interpolymerized unsaturated epoxy resins. 3,222,321, 12–7–65, Cl. 260—72.
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Selby, Donald W., to E. I. du Pont de Nemours and Co. Preparation of thin highly directionalized filament structures. 3,197,351, 7–27–65, Cl. 156—181.
Selby, Harold E. Lint remover. 3,201,815, 8–24–65, Cl. 15—104.
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Seliger, James M. Differential mechanism. 3,173,309, 3–16–65, Cl. 74—650.
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Sellers, Ralph F., to Union Carbide Corp. Polyglycidyl ethers of hydroxybenzylated 4,4′-dihydroxydiphenyl sulfones and laminates containing same. 3,212,958, 10–19–65, Cl. 161—184.
Sellet, Lucien, to Nopco Chemical Co. Treating agents comprising carboxyl containing copolymers and amino resin or amino resin base. 3,223,751, 12–14–65, Cl. 260—855.
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Sellner, Heinz L. M., and P. M. J. Tailliez, to Societe Civile d'Etudes et de Recherches Sous Marines Aquarius (S.E.R.A.). Diving machine with gas ballast tank. 3,171,-376, 3–2–65, Cl. 114—16.
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Seltzer, Alice P. and A. F. Means for carrying luggage, bags, and the like. 3,181,752, 5–4–65, Cl. 224—5.
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Sender, Wilfred E. Support and enclosure for garbage cans. 3,211,509, 10–12–65, Cl. 312—329.
Sendler, Karl, to United States of America, Army. Doppler tracking system with real time presentation of missile trajectory deviation. 3,197,775, 7–27–65, Cl. 343—15.
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Sendzimir, Tadeusz. Construction and control of planetary mills. 3,210,981, 10–12–65, Cl. 72—187.
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Cafolla, Constantine F. 3,218,891.
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Custers, Jan F. H., Senior, Dyer, and Wedepohl. 3,178,773.
Senior, Franklin C., and C. E. Shaffer, to Independence Foundation, and Koppers Co., Inc. Dense-bed rotary, kiln process and apparatus for pretreatment of a metallurgical charge. 3,206,299, 9–14–65, Cl. 75—11.
Senior, Robert, Jr., to Empire Products, Inc. Electrical connector assembly. 3,226,667, 12–28–65, Cl. 339—91.
Senkewitz, John S., to S & S Industrial Products, Inc. Frozen food knife. 3,205,575, 9–14–65, Cl. 30—355.
Senkowski, Alexander, and B. L. Cosh, to Tractor Research Ltd. Tractor seats. 3,167,298, 1–26–65, Cl. 248—420.
Senkowski, Alexander, and B. L. Cosh, to Tractor Research Ltd. Brake control mechanism. 3,213,706, 10–26–65, Cl. 74—478.5.
Senkowski, Alexander, and F. M. Inns, to Tractor Research Ltd. Control mechanism for tractors. 3,215,000, 11–2–65, Cl. 74—710.5.
Senkowski, Thaddeus S.: *See*—
Bieganousky, Frank, Faulseit, and Senkowski. 3,182,-790.
Senn, Eduard. Cable-lifting device, particularly chair-lift or tow-lift. 3,196,808, 7–27–65, Cl. 104—173.
Senn, Otto: *See*—
Lerch, Urs, Merian, and Senn. 3,207,568.
Merian, Ernest, Nicolaus, Senn, and Wehrli. 3,169,126.
Senn, Otto, to Sandoz Ltd. Nitro dyes, their production and use. 3,215,485, 11–2–65, Cl. 8—55.
Senne, David L., to W. J. Voit Rubber Corp. Underwater suction gun for trapping Marine life. 3,184,878, 5–25–65, Cl. 43—4.
Senne, David L., to W. J. Voit Rubber Corp. Harness for gas-filled cylinders. 3,191,828, 6–29–65, Cl. 224—25.
Sennello, Joseph J., to Continental Can Co., Inc. Fish canning control apparatus. 3,164,857, 1–12–65, Cl. 17—4.
Sennet, Morgan B., to De Lavel Turbine Inc. Pumps or motors. 3,181,472, 5–4–65. Cl. 103—120.
Sennett, Paul, and J. P. Olivier, to Freeport Sulphur Co. Method and means for measuring electrokinetic potential. 3,208,919, 9–28–65, Cl. 204—1.
Sennewald, Kurt: *See*—
Vogt, Wilhelm, Gehrmann, Sennewald, and Coln. 3,169,-911.
Vogt, Wilhelm, Gehrmann, Sennewald, and Coln. 3,190,813.
Sennewald, Kurt, K. Gehrmann, W. Vogt, and S. Schafer, to Knapsack-Griesheim Aktiengesellschaft. Process for the manufacture of unsaturated aldehydes or ketones. 3,171,-859. 3–2–65. Cl. 260—604.
Sennewald, Kurt, and K. Born, to Knapsack-Griesheim Aktiengesellschaft. Manufacture of trans-1,2-dihalogenoethylenes. 3,184,514, 5–18–65, Cl. 260—654.
Sennewald, Kurt, W. Vogt, and H. Gudernatsch, to Knapsack-Griesheim Aktiengesellschaft. Process for the manufacture of 1,3,5-trioxane. 3,201,419, 8–17–65, Cl. 260—340.
Sennewald, Kurt, W. Vogt, and J. Kandler, to Knapsack-Griesheim Aktiengesellschaft. Process for separating acrylonitrile and ammonia from gaseous mixtures. 3,201,-918, 8–24–65, Cl. 55—38.
Sennewald, Kurt, A. Ohorodnik, H. Gudernatsch, and H. Vierling, to Knapsack-Griesheim Aktiengesellschaft. Process for the manufacture of derivatives of aliphatic dicarboxylic acids. 3,215,726, 11–2–65, Cl. 260—465.4.
Sennewald, Kurt, F. Pohl, E. Schallus, E. Feldmeyer, G. Peantek, and H. Kallrath, to Knapsack-Griesheim Aktiengesellschaft. Process and apparatus for splitting hydrocarbons in an electric arc. 3,217,056, 11–9–65, Cl. 260—679.
Sennewald, Kurt, W. Vogt, J. Kandler, R. Sommerfeld, and G. Sorbe, to Knapsack-Griesheim Aktiengesellschaft. Process for preparing unsaturated nitriles. 3,226,422, 12–28–65, Cl. 260—465.3.
Sennhenn, Emil, to Fernseh G.m.b.H. Method and arrangement for converting video signals from one to another frame frequency. 3,193,619, 7–6–65, Cl. 178—6.8.
Sennhenn, Emil, to Fernseh G.m.b.H. Method and system for automatically controlling the gain of television signals reference pulse. 3,198,882, 8–3–65, Cl. 178—7.1.
Senninger, Earl J. Rotary impulse sprinkler having an internal shaft clearing member. 3,204,873, 9–7–65, Cl. 239—230.
Senninger, Earl J. Rotary sprinkler. 3,204,874, 9–7–65, Cl. 239—288.
Senoff, Herbert P. Closure plug. 3,195,762, 7–20–65, Cl. 220—39.
Senoo, Yasutoshi, to The Garrett Corp. High specific speed radial flow fan. 3,189,259, 6–15–65, Cl. 230—119.
Senoski, Walter E.: *See*—
Berghout, Christian F., Dauer, Lanard, Minx, Senoski, and Ward. 3,218,997.
Senrui, Yoshihiro, to Yao Denki Kabushiki Kaisha. Telescoping rod antenna with center mounted loading coil. 3,172,109, 3–2–65. Cl. 343—749.
Senser, Karl E.: *See*—
Johnson, Leonard W., Senser, and Pellino. 3,221,346.
Sensi, Piero, and N. Maggi, to Lepetit S.p.A. Rifamycin B hydrazides. 3,197,468, 7–27–65, Cl. 260—239.3.
Sensing Devices, Inc.: *See*—
Benson, Alfred B. 3,193,654.
Reed, Spencer D. 3,172,982.
Sensing, William J., D. E. Colvill, B. H. Short, and D. S. Dennis, to General Motors Corp. Electric motor control system. 3,223,909, 12–14–65, Cl. 318—139.
Sensiper, Samuel, to Hughes Aircraft Co. Traveling-wave tube with oscillation prevention means. 3,181,024, 4–27–65, Cl. 315—3.5.
Sensiper, Samuel, to Hughes Aircraft Co. Traveling-wave tube with trap means for preventing oscillation at unwanted frequencies. 3,221,205, 11–30–65, Cl. 315—3.5.
Senstad, Paul D.: *See*—
Abrahamson, Dean E., and Senstad. 3,172,055.
Sentementes, Thomas J., and F. Koury, to Sylvania Electric Products Inc. Electroluminescent devices and an improved dielectric media for such electroluminescent devices. 3,197,-664, 7–27–65, Cl. 313—108.
Sentenac, Christian: *See*—
Amiet, Bernard, Langella, and Sentenac. 3,222,225.
Senter, Harold H., to Plastic and Rubber Products Co. O-ring service kit. 3,195,717, 7–20–65, Cl. 206—16.
Senter, Willis P., and R. O. Engard. Bulk grain door support frame. 3,201,830, 8–24–65, Cl. 20—27.
Senti, Eugene C.: *See*—
Baxter, Clyde W., and Senti. 3,193,709.
Sentinel Distributors, Inc.: *See*—
Goodwin, Joe E. 3,202,143.
Sentinel Fiberglass Casket Co., Inc.: *See*—
Bugg, Otis S. 3,172,183.
Sentlinger, Jack L., to P. Kudler. Disposal unit. 3,165,222, 1–12–65, Cl. 220—18.
Senzani, Iro. Motor car parking apparatus. 3,196,969, 7–27–65, Cl. 180—1.
Separator, Aktiebolaget: *See*—
Johansson, Bjorn O. 3,221,807.
Nilsson, Vilgot R. 3,189,268.
Palmqvist, Fredrik T. E. 3,189,266.
Thylefors, Henric W. 3,166,503.
Thylefors, Henric W. 3,189,267.
Wennerberg, Fritz J. 3,201,322.
Sepp, Karl: *See*—
Friederich, Herbert, Lehnerer, and Sepp. 3,205,201.
Sepp, Oscar W., Jr., to M. Steinthal & Co., Inc. Parachute. 3,173,636, 3–16–65, Cl. 244—145.
Sepp, Oscar W., Jr., to M. Steinthal & Co., Inc. Parachute deployment bag. 3,188,027, 6–8–65, Cl. 244—147.
Seppen, Joan M. G., to North American Philips Co., Inc. Time-dependent high-frequency intensity control in a radar receiver. 3,188,636, 6–8–65, Cl. 343—17.1.
Seppen, Joan M. G., to North American Philips Co., Inc. Tuning indicator for radar receiver-transmitters. 3,188,638, 6–8–65, Cl. 343—17.7.
Sepulveda, Ralph R.: *See*—
Carroll, Frank E., and Sepulveda. 3,203,900.
Sequeira, Nabor. Cans and bottles with self-contained drinking straws. 3,226,001, 12–28–65, Cl. 229—7.
Serafin, Frank G., and V. H. Dodson, Jr., to W. R. Grace & Co. Cement additive composed of a mixture of methyl acetate and methyl alcohol. 3,183,105, 5–11–65, Cl. 106—90.
Serafini, Angelo: *See*—
Ciampa, Joseph F., and Serafini. 3,199,122.
Seraphim, Donald P.: *See*—
Connell, Richard A., Horwitz, Quinn, and Seraphim. 3,196,412.
Serblin, Michael D. Golf club handle. 3,173,689, 3–16–65, Cl. 273—81.
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Montgomerie, George A., and Harwood. 3,219,122.
Sercy, Michel A., and K. Touré, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Centrifugal pump. 3,217,655, 11–16–65, Cl. 103—103.
Serduke, James T. Method and apparatus for acceleration of charged particles using a low voltage direct current supplies. 3,218,562, 11–16–65, Cl. 328—233.
Serge Elevator Co., Inc.: *See*—
Bagnasco, Gino. 3,168,165.
Sergeievich, Maketev A.: *See*—
Shmoolevich, Bendersky I., Dmitrivich, Sergeievich, Petrovna, and Konstantinovich. 3,191,638.
Sergio, Lawrence. Automatic bag dispenser. 3,214,058, 10–26–65, Cl. 221—6.
Sergovic, John A., to The Burns & Russell Co. of Baltimore City. Coated blocks. 3,194,724, 7–13–65, Cl. 161—158.
Serio, Anthony W., to Youngstown Steel Door Co. Beverage brewing apparatus. 3,174,424, 3–23–65, Cl. 99—299.

Serio, Anthony W., to Youngstown Steel Door Co. Beverage brewing apparatus. 3,182,584, 5–11–65, Cl. 99—284.
Serio, Anthony W. Detachable handle apparatus. 3,203,029, 8–31–65, Cl. 16—114.
Serio, James W. Detachable handle apparatus. 3,186,026, 6–1–65, Cl. 16—114.
Serjak, William C.: *See*—
Shuman, Robert M., and Serjak. 3,177,706.
Serneblad, Lars G., to Electrolux, Aktiebolaget. Building framework. 3,203,150, 8–31–65, Cl. 52—664.
Serniuk, George E., and R. M. Thomas, to Esso Research and Engineering Co. Copolymerization of polar with non-polar monomers in the presence of a Friedel-Crafts and a free radical initiator. 3,193,217, 5–11–65, Cl. 260—85.5.
Serota, Herman M. Water filled plastic dam structure. 3,213,628, 10–26–65, Cl. 61—30.
Serra, Juan D. Manufacture of elastic girdles. 3,206,533, 9–14–65, Cl. 264—309.
Serra, Renato, and E. Giachetti, to Montecatini, Societa Generale per L'Industria Mineraria e Chimica. Process for polymerizing alpha-olefins with an organo aluminum compound, transition metal halide, organo nitrogen base and water catalyst. 3,189,591, 6–15–65, Cl. 260—93.7.
Serrano, Edwin A. Extrusion control system. 3,184,788, 5–25–65, Cl. 18—2.
Serriades, Constantine A. Induced lift combination aircraft. 3,172,116, 3–2–65, Cl. 244—12.
Serriades, Constantine A. Propeller structure. 3,180,424, 4–27–65, Cl. 170—135.4.
Serriades, Constantine A. Jet propelled vapor condenser. 3,204,401, 9–7–65, Cl. 60—31.
Serro Electronic Switch and Signal Co.: *See*—
De Priest, Joseph R. 3,226,540.
Serruys, Max Y. A. M. Explosion engines. 3,190,275, 6–22–65, Cl. 123—124.
Sertum: *See*—
Flamant, Pierre L. V., and Linares. 3,189,066.
Servage, Henri, to Moulinage et Retorderie de Chavanoz. Apparatus and process for the manufacture of highly crimped yarns by false twist. 3,166,881, 1–26–65, Cl. 57—34.
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Marchal, Raymond H. F., and Servanty. 3,194,295.
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Cordary, Bruce J. 3,211,244.
Cordary, Bruce J., and Van Note. 3,224,507.
Cordary, Bruce J., and Weber. 3,195,636.
Servel, Inc.: *See*—
Coleman, Joseph J., Wilke, Steinhoff, and Brandeland. 3,185,593.
Krouse, Philip E., and Eigsti. 3,219,487.
Wilke, Milton E. 3,178,316.
Serventy, Pierre, and H. F. Raymond, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Thermopropulsive jet engines of periodic combustion type. 3,208,214, 9–28–65, Cl. 60—35.6.
Service d'Exploitation Industrielle des Tabacs et des Allumettes: *See*—
Boinnard, Michel R. 3,219,167.
Service Distributors, Inc.: *See*—
Taylor, Christopher G. 3,221,862.
Service Engineering Associates, Inc.: *See*—
Feldman, Edwin B. 3,206,061.
Service, Engineers Ltd.: *See*—
Meadows, Frank W., and Pearce. 3,222,747.
Service Ideas, Inc.: *See*—
Sperl, Ferdinan P. 3,224,625.
Service National dit: Gaz de France: *See*—
Souriau, Daniel. 3,203,242.
Service, Robert J.: *See*—
Catlin, Robert T., Landa, Service, and Swain. 3,192,758.
Serviere, Philippe. Process for the disinfection of the surface of grapes and other pruinose fruits. 3,178,297, 4–13–65, Cl. 99—103.
Servis Equipment Co.: *See*—
Collins, Johnnie C. 3,195,249.
Servis, James F., ½ to G. A. M. Petersen, and ½ to A. E. Petersen. Insulator lifter. 3,202,450, 8–24–65, Cl. 294—91.
Servo Corp. of America: *See*—
Hansel, Paul G. 3,173,140.
Hansel, Paul G. 3,183,507.
Hansel, Paul G. 3,199,101.
Hansel, Paul G., Paulstich, and Richter. 3,213,458.
Hansel, Paul G., and Waller. 3,177,478.
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Serv-O-Lift Corp.: *See*—
Vershbow, Daniel R. 3,173,546.
Servomechanisms, Inc.: *See*—
Azgapetian, Victor. 3,193,672.
Servometer Corp.: *See*—
Kelly, Frederick G., and Holowachuk. 3,187,639.
Servotomic Ltd.: *See*—
Carr, Frederick. 3,184,165.
Sery, Robert S.: *See*—
Gordon, Daniel I., and Sery. 3,192,078.
Seserman, Samuel. Finger mount assembly for control switch. 3,226,501, 12–28–65, Cl. 200—52.
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Tenconi, Riccardo. 3,194,029.
Sessing, Russel C.: *See*—
Hand, Ross L., Jr., and Sessing. 3,180,989.
Sessions Clock Co., The: *See*—
Hunt, Charles A., and Schoonmaker. 3,185,874.
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Walker, Christie O., and Sessoms. 3,164,332.
Setco Industries, Inc.: *See*—
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Setina, John R. Automobile partition apparatus. 3,214,211, 10–26–65, Cl. 296—24.
Seto, Thomas A.: *See*—
Hobbs, Donald C., Huang, and Seto. 3,174,964.
Huang, Hsing T., and Seto. 3,212,995.
Seto, Thomas A., to Chas. Pfizer & Co., Inc. Derivatives of penicillin amides. 3,169,127, 2–9–65, Cl. 260—239.1.
Settele, Walter G., to Societe de la Viscose Suisse. Process for the manufacture of spontaneously crimping composite filaments. 3,192,295, 6–29–65, Cl. 264—171.
Settem, Mahlon E. Transfer mechanism for campers and like framed units. 3,197,054, 7–27–65, Cl. 214—517.
Setterwall, Max, to Allmanna Svenska Elektriska Aktiebolaget. Boiling reactor with superheat. 3,211,625, 10–12–65.
Settle, Paul S., Jr.: *See*—
Doorley, Richard B., and Settle. 3,212,451.
Settles, John D., to D. G. Griswold. Multiple lubrication control. 3,217,835, 11–16–65, Cl. 184—7.
Settles, John D., M. Usab, and F. K. Wyckoff, to D. G. Griswold. Method of pretreating a polypropylene diaphragm to render it more flexible. 3,218,378, 11–16–65, Cl. 264—89.
Setty, Gale A.: *See*—
Silbereis, Joseph A., and Setty. 3,207,190.
Setwell Co., The: *See*—
Lawe, Joseph. 3,202,469.
Setzler, Paul C., to Heli-Coil Corp. Cone-spread screw-thread insert. 3,172,329, 3–9–65, Cl. 85—72.
Setzler, Paul H., to The Wheelabator Corp. Mold finishing process. 3,187,474, 6–8–65, Cl. 51—313.
Setzler, Paul H., to The Wheelabrator Corp. Corrugated bowl lining for vibrators. 3,213,568, 10–26–65, Cl. 51—7.
Seul, Vincens, K. Schmitt-Thomas, and W. Fichtl. Method of influencing the surface profile of solid elements, more especially of surface-improved or plated metal strips or sheets. 3,210,843, 10–12–65, Cl. 29—527.
Seulen, Gerhard, to Deutsche Edelstahlwerke Aktiengesellschaft, and Allgemeine Elektricitats-Gesellschaft. Method of surface hardening steel workpieces in the form of bodies of revolution. 3,167,460, 1–26–65, Cl. 148—143.
Seulen, Gerhard, to Deutsche Edelstahlwerke Aktiengesellschaft, and Allgemeine Elektricitats-Gesellschaft. Method of surface hardening steel rolls and apparatus for carrying out the same. 3,174,884, 3–23–65, Cl. 148—143.
Seulen, Gerhard W., H. Kuhlbars, H. V. Detzel, and A. Graule, to Deutsche Edelstahlwerke Aktiengesellschaft. Apparatus for inductively hardening the bearing surfaces on crankshafts. 3,174,738, 3–23–65, Cl. 266—5.
Seulen, Gerhard W., F. W. Scheffler, and L. Springob, to Deutsche Edelstahlwerke Aktiengesellschaft, and Allgemeine Elektricitats-Gesellschaft. Circuit for controlling the power of inductive heating or melting equipment. 3,187,156, 6–1–65, Cl. 219—10.75.
Seulen, Gerhard, and H. Geisel, to Deutsche Edelstahlwerke Aktiengesellschaft, and Allgemeine Elektricitats. Method for determining the required hardening conditions for cylindrical workpieces. 3,221,536, 12–7–65, Cl. 73—15.4.
Seuthe, August, Maschinenfabrik: *See*—
Amtmann, Rudolf. 3,209,429.
Sevbo, Platon I.: *See*—
Paton, Boris E., Lebedev, Ostapenko, Lashkevich, Sevbo, Sakharnov, Litvinchuk, and Gorbunov. 3,164,712.
Paton, Boris E., Lebedev, Ostapenko, Lashkevich, Sevbo, Sakharnov, Litvinchuk, and Gorbunov. 3,166,664.
Sevcik, John G., to Burton-Dixie Corp. Front-opening convertible studio couch. 3,213,468, 10–26–65, Cl. 5—18.
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Seven, Raymond P.: *See*—
Kenaga, Clare B., and Seven. 3,205,129.
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Severance, Glen R., to Whirlpool Corp. Solvent cooled condenser for a dry cleaner. 3,173,766, 3–16–65, Cl. 34—77.
Severdia, Anton M. Standardized combination universal drill jig and milling fixture. 3,204,493, 9–7–65, Cl. 77—62.
Severdia, Anton M. Toolmaker's clamp. 3,222,053, 12–7–65, Cl. 269—91.
Severini, Febo: *See*—
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Severn, Arthur C., to Joseph Lucas, (Industries) Ltd. Solenoid mechanisms. 3,210,616, 10–5–65, Cl. 317—176.
Severson, Asbjorn M.: *See*—
Owens, Wiley H., and Severson. 3,200,295.
Severson, Asbjorn M., to Honeywell Inc. Flare-type pilot burner. 3,173,471, 3–16–65, Cl. 158—115.
Severson, Asbjorn M., to Honeywell Inc. Fluid operated pump. 3,176,920, 4–6–65, Cl. 236—79.
Severy, Lawrence A.: *See*—
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Sevetz, Edward B., to United Aircraft Corp. Liquid-metal valve with rupturable diaphragm. 3,176,702, 4–6–65, Cl. 137—68.

Sevigne, Frank J., to General Mills, Inc. Preparation of tocopherols. 3,187,011, 6–1–65, Cl. 260—345.5.
Sevilla, Ernesto G.: *See*—
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Sevin, Roger J., and G. W. Edwards. Apparatus for milling and dispersing substances. 3,210,016, 10–5–65, Cl. 241—74.
Sevrence, Warren E., to American Chain & Cable Co., Inc. Control cable protective assembly. 3,196,706, 7–27–65, Cl. 74—501.
Sevrence, Warren E., to American Chain & Cable Co., Inc. Control cable seal. 3,205,727, 9–14–65, Cl. 74—501.
Sewall, Edwin T.: *See*—
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Seward, Edgar C. Elevator for ships. 3,202,243, 8–24–65, Cl. 187—9.
Seward, Harold H. Optical synchro system. 3,193,744, 7–6–65, Cl. 318—18.
Seward, William H., to Irving Air Chute of Great Britain Ltd. Seats. 3,222,109, 12–7–65, Cl. 297—452.
Sewell, Donald N., to Dielectric Products Engineering Co., Inc. Electrical delay line forming apparatus. 3,195,182, 7–20–65, Cl. 18—8.
Sewell, Richard B. H., and J. R. Brown, to Her Majesty the Queen in the right of Canada as represented by the Minister of National Defence. Process for removal of vanadium deposits. 3,173,874, 3–16–65, Cl. 252—95.
Sewierski, Marie: *See*—
Bambury, Ronald E., and Sewierski. 3,213,095.
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Sexe, Richard W., and O. T. Bogen. Mechanical exerciser. 3,186,231, 6–1–65, Cl. 73—381.
Sexsmith, David R.: *See*—
Reynolds, Walter F., and Sexsmith. 3,212,962.
Sheers, Edward H., and Sexsmith. 3,170,951.
Sexsmith, David R., and E. J. Frazza, to American Cyanamid Co. Polymer composed of phosphonium salts. 3,168,502, 2–2–65, Cl. 260—88.1.
Sexsmith, David R., and E. J. Frazza, to American Cyanamid Co. Polymer composed of sulfonium salts. 3,216,979, 11–9–65, Cl. 260—79.3.
Sexsmith, Fred H., to Johnson & Johnson. Method of making non-woven fabrics. 3,180,775, 4–27–65, Cl. 156—85.
Sexton, Arthur R., to The Dow Chemical Co. Process for preparation of phenylacetylene. 3,204,004, 8–31–65, Cl. 260—668.
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Lindenberg, Hans-Georg, and Seyberlich. 3,167,808.
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Seydelmann, Ludwig. Meat grinder with prebreaking means. 3,213,911, 10–26–65, Cl. 146—181.
Seyer, Frank H., and C. R. Weidman, to Eversharp, Inc. Razor blades. 3,203,829, 8–31–65, Cl. 117—132.
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Kasper, Robert J., and Seyfried. 3,185,811.
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Seymer, Vivian H. Chair. 3,203,734, 8–31–65, Cl. 297—458.
Seymour, David W., to Burroughs Corp. Process for producing electrostatic ink powder. 3,196,032, 7–20–65, Cl. 117—16.
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Seymour, James E., to Armour and Co. Flotation separation of phosphate ores. 3,164,549, 1–5–65, Cl. 209—166.
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Seymour, Keith G., and B. G. Harper, to The Dow Chemical Co. Method for reducing spray drift in applying plant growth regulating agents. 3,175,898, 3–30–65, Cl. 71—2.7.
Seymour, Raymond E., to Sperry Rand Corp. Card punching device. 3,187,999, 6–8–65, Cl. 234—119.
Seymour, Raymond E., F. E. Riedl, and I. Campbell, to Sperry Rand Corp. Card punching device. 3,189,270, 6–15–65, Cl. 234—115.
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Shelton, Robert Q., F. C. Pittman, and R. G. Love, to Hilliburton Co. Apparatus for cleaning tube bundles. 3,225,777, 12–28–65, Cl. 134—141.

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Shields, Sebough S., to N. S. and R. V. Abdalian. Clothes drier with vapor removal. 3,190,011, 6–22–65, Cl. 34—77.
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Shillinger, George L., Jr. Tensioned modified housefall and method of operating. 3,217,660, 11–16–65, Cl. 104—114.
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Shimanckas, William J., to Outboard Marine Corp. Marine propulsion device. 3,183,880, 5–18–65, Cl. 115—41.
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Shippee, Fred B., D. D. Gagliardi, and W. J. Jutras, Jr., to GRC, and Argus Chemical Corp. Water repellent compositions and products and process of preparing the same. 3,180,750, 4–27–65, Cl. 106—270.
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Shiraishi, Makoto, ¾ to Kurashiki Rayon Co., Ltd., and ¼ to Air Reduction Co. Inc. Treatment of water-resistant acetalized with polyvinyl alcohol fibers. 3,198,651, 8–3–65, Cl. 117—47.
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Shirey, Frank W., to Westinghouse Air Brake Co. Lubricating oil pressure control apparatus for unloading compressors. 3,199,770, 8–10–65, Cl. 230—27.
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Shisko, Walter S., to Domtar Ltd. Incombustible board containing mineral and cellulosic fibers and metal oxide and method therefor. 3,220,918, 11–30–65, Cl. 162—145.
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Shlesinger, Bernard E., Jr. Magnetic snap action switch. 3,209,097, 9–28–65, Cl. 200—87.
Shlesinger, Bernard E., Jr., to AMP Inc. Miniature printed circuit pinboard. 3,217,283, 11–9–65, Cl. 339—18.
Shlesinger, Bernard E., Jr., to AMP Inc. Miniature contact assembly for plugboards. 3,217,284, 11–9–65, Cl. 339—18.
Shlesinger, Bernard E., Jr. Programming system-cable tape type switch with deflectable spring contact means. 3,225,149, 12–21–65, Cl. 200—16.
Shlesinger, Bernard E., Jr., and G. A. Arkwright, ⅓ to J. Y. Dinsmore. Bottle anti-theft device. 3,199,708, 8–10–65, Cl. 217—19.
Shloss, Anthony L., to E. I. du Pont de Nemours and Co. Process for promoting the cure of clay-containing elastomeric copolymer compositions. 3,223,674, 12–14–65, Cl. 260—41.
Shmoolevich, Bendersky I., K. I. Dmitrivich, M. A. Sergeievich, O. H. Petrovna, and P. K. Konstantinovich. Machine for former winding of one- and multi-range coils and laying them into semi-closed stator grooves of electrical machines. 3,191,638, 6–29–65, Cl. 140—92.1.
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Shoe, Theodore W. Electric lock having spaced apart conductive areas adapted to be electrically connected with spaced conductive areas on an insertable key. 3,182,144, 5–4–65, Cl. 200—46.
Shoe, Theodore W., to The Flexicore Co., Inc. Prestressing means for slab casting forms. 3,202,394, 8–24–65, Cl. 249—94.
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Shoemaker, Douglas. Fishing lure. 3,180,050, 4–27–65, Cl. 43—42.03.
Shoemaker, Frank M. Transistorized metal detector with temperature compensation means. 3,226,634, 12–28–65, Cl. 324—41.
Shoemaker, Frank M., and W. D. Carothers. Amplifiers and interconnection circuits. 3,165,589, 1–12–65, Cl. 179—39.
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Shoemaker, John H., to Western Electric Co., Inc. Thermal radiation method of measuring coating thickness. 3,188,256, 6–8–65, Cl. 156—244.
Shoemaker, Joseph J. Steam or hot water boiler. 3,215,124, 11–2–65, Cl. 122—165.
Shoemaker, Montgomery J. Mounting arrangement for coin tubes and the like. 3,223,314, 12–14–65, Cl. 232—5.
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Shook, Carl G., to General Dynamics Corp. Memory element. 3,217,301, 11–9–65, Cl. 340—174.
Shook, Jackson A., to Evans Products Co. Horizontally and vertically adjustable rack. 3,199,464, 8–10–65, Cl. 105—369.
Shook, Jackson A., and H. E. Rolfe, Jr., to Evans Products Co. Freight bracing apparatus. 3,185,110, 5–25–65, Cl. 105—369.
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Shoor, Bernard A., to Endevco Corp. Transducer. 3,185,869, 5–25–65, Cl. 310—8.4.
Shoor, Bernard A., to D. H. Wright. Counting and switching unit. 3,202,802, 8–24–65, Cl. 235—92.
Shoor, Bernard A., and D. R. Burger, to Endevco Corp. Electromechanical transducer utilizing poisson ratio effects. 3,210,993, 10–12–65, Cl. 73—141.
Shoor, Bernard A., and D. R. Burger, to Endevco Corp. Mechanical impedance measuring system. 3,222,919, 12–14–65, Cl. 73—67.1.
Shoot, Lyle E., to Erie Technological Products, Inc. Microphone. 3,206,558, 9–14–65, Cl. 179—110.
Shope, William H., to Chrysler Corp. Fuel pump. 3,223,045, 12–14–65, Cl. 103—150.
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Shorb, Ray E. T-slot strainer accessory. 3,195,415, 7–20–65, Cl. 90—58.
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Shore, David T., M. G. Royston, and E. G. Watson, to The A.P.V. Co. Ltd. Continuous fermentation of worts to product alcoholic liquids. 3,173,793, 3–16–65, Cl. 99—52.
Shore, James B., to Schlumberger Well Surveying Corp. Orienting apparatus and its manufacture. 3,182,724, 5–11–65, Cl. 166—55.1.
Shore, Joseph L., to Hart Laboratories, Inc. Deodorant preparation. 3,198,251, 8–3–65, Cl. 167—22.
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Shorin, Joseph E., Jr. Security box. 3,166,364, 1–19–65, Cl. 312—204.
Shorner, George L. Hay crushing roll. 3,182,378, 5–11–65, Cl. 29—125.
Shorr, Leonard M., to Israel Mining Industries-Institute For Research and Development. Preparation of 1,1,2,2-tetrabromoethane. 3,196,099, 7–20–65, Cl. 204—163.
Shorr, Norman, and R. P. Parobeck, to Pittsburgh Plate Glass Co. Manufacture of glass. 3,205,932, 9–14–65, Cl. 158—7.
Shorr, Norman, and J. M. Bursich, to Pittsburgh Plate Glass Co. Glass sheet drawing apparatus with an energy transmitter. 3,212,872, 10–19–65, Cl. 65—203.
Short, Brooks H., to General Motors Corp. Transistorized ignition system. 3,218,513, 11–16–65, Cl. 315—219.
Short, Brooks H., and R. L. Sprague, to General Motors Corp. Transistor ignition system having primary circuit resistance control. 3,180,997, 4–27–65, Cl. 290—38.
Short, Brooks H., and R. L. Konopa, to General Motors Corp. Distributor having magnetic pick-up coil. 3,198,973, 8–3–65, Cl. 310—70.
Short, Brooks H., and T. E. Kirk, to General Motors Corp. Static transistorized ignition system. 3,202,146, 8–24–65, Cl. 123—148.
Short Brothers & Harland Ltd.: *See*—
Bowden, Malcolm K., and Buck. 3,222,014.
Dunn, Albert J., and Brown. 3,224,369.
Fillery, William J. 3,204,218.
Sendles, John L. 3,168,264.
Sendles, John L. 3,192,496.
Short, Donald L. W., to Burroughs Wellcome & Co. (U.S.A.), Inc. Containers. 3,207,390, 9–21–65, Cl. 222—553.
Short, Duane F. Spring clip type handle for gas cylinder. 3,177,025, 4–6–65, Cl. 294—33.
Short, Edward H., III, to National Tank Co. Tilting valve with floating link operator. 3,199,834, 8–10–65, Cl. 251—228.
Short, Franklin W.: *See*—
Elslager, Edward F., Worth, Capps, Werbel, and Short. 3,218,309.
Short, Franklin W., to Parke, Davis & Co. 1-aryl-5-(p-fluorophenyl)-pyrrole-2-pyropionic acid compounds. 3,168,527, 2–2–65, Cl. 260—326.3.
Short, Franklin W., to Parke, Davis & Co. 1-(p-nitrophenyl) and 1-(p-cyanophenyl)-5-arylpyrrole-2-propionic acid compounds. 3,168,528, 2–2–65, Cl. 260—326.3.
Short, Franklin W., to Parke, Davis & Co. 1-(p-lower alkanoylphenyl)-5-arylpyrrole-2-propionic acid compounds. 3,168,529, 2–2–65, Cl. 260—326.3.
Short, Franklin W., to Parke, Davis & Co. 1-aryl-5-(p-lower alkoxyphenyl)-pyrrole-2-propionic acid compounds. 3,168,531, 2–2–65, Cl. 260—326.3.
Short, Franklin W., to Parke, Davis & Co. 1,5-diarylpyrrole-2-propionic acid compounds. 3,168,532, 2–2–65, Cl. 260—326.3.
Short, Franklin W., and E. F. Elslager, to Parke, Davis & Co. Parasiticide. 3,218,339, 11–16–65, Cl. 260—391.
Short, George O., to Grand Taste Packing Co. Sausage casing sizing apparatus. 3,192,559, 7–6–65, Cl. 17—35.
Short, Harold O.: *See*—
McCarty, George W., and Short. 3,203,490.
Short, Harold O., to The Black and Decker Mfg. Co. Rotary hammer. 3,170,523, 2–23–65, Cl. 173—104.
Short, Howard D., and S. Major, to Kosset Carpets Ltd. Dyeing of pile fabrics. 3,185,084, 5–25–65, Cl. 101—115.
Short, J. R., Milling Co.: *See*—
Ferrari, Charles G. 3,174,867.
Kleinschmidt, Albert W., and Higashiuchi. 3,177,081.
Short, James A.: *See*—
Garrison, Christopher O., and Short. 3,208,392.
Phelps, Thomas W., and Short. 3,165,066.
Short, James N., to Phillips Petroleum Co. Carbonation of alkali metal-containing polymers. 3,225,089, 12–21–65, Cl. 260—537.
Short, Joe T., to Callaway Mills Co. Tufted article and method of making the same. 3,216,387, 11–9–65, Cl. 112—410.
Short, Joe T., to International Leasing Corp. Method and apparatus for the production of pile fabric. 3,217,675, 11–16–65, Cl. 112—79.
Short, Joe T., to International Leasing Corp. of Georgia. Hollow needle tufting apparatus. 3,217,676, 11–16–65, Cl. 112—79.
Short, Joe T., J. C. Gaulding, and H. Pike, to Callaway Mills Co. Method of making textiles. 3,220,371, 11–30–65, Cl. 112—266.
Short, John. Monitoring device for automobile operation. 3,206,116, 9–14–65, Cl. 235—91.
Short, John P., to Texas Instruments Inc. Epitaxial crystal growth onto a stabilizing layer which prevents diffusion from the substrate. 3,189,494, 6–15–65, Cl. 148—175.
Short, Lot W., to Drilling & Service, Inc. Blade-type drill bit. 3,191,698, 6–29–65, Cl. 175—329.
Short, Oliver A., to E. I. du Pont de Nemours and Co. Resistor composition. 3,173,885, 3–16–65, Cl. 252—503.
Short, Richard T.: *See*—
Williams, Keith R., and Short. 3,222,224.
Short, Robert J., to Justin Enterprises, Inc. Method of making a reinforced hollow element. 3,203,845, 8–31–65, Cl. 156—175.
Short, Thayne R. Veterinary paraplegic cart. 3,215,117, 11–2–65, Cl. 119—1.
Short, Vincent R., and G. Stevens, to Westinghouse Electric Corp. Nuclear reactor core support structure. 3,212,978, 10–19–65, Cl. 176—33.
Shortle, Jack K., and R. A. Rowley, to International Business Machines Corp. Magnetic core matrix switch. 3,208,043, 9–21–65, Cl. 340—166.
Shotsky, Nathan, to The Multex Co. Apparatus for producing stretchable fabric. 3,183,868, 5–18–65, Cl. 112—118.
Shottenfeld, Richard, and S. Abilock, to Pilot Radio Corp. F.M. stereo demodulator using time division switching. 3,175,041, 3–23–65, Cl. 179—15.
Shotter, Brian A., to Associated Electrical Industries Ltd. Production of toothed gearing. 3,189,977, 6–22–65, Cl. 29—103.

Shotto, Howard I., Jr., B. J. Watkins, J. R. Dozier, B. L. Faulk, and B. L. Goepfert, to Shell Oil Co. Underwater oil gathering installation. 3,221,816, 12–7–65, Cl. 166—66.5.

Shotts, Adolph C., to Cities Service Research and Development Co. Olefin oxidation catalyst and method of preparation thereof. 3,180,840, 4–27–65, Cl. 252—443.

Shotts, Adolph C., to Columbian Carbon Co. Method of oxidizing olefins to unsaturated aldehydes and α,α-unsaturated ketones. 3,209,033, 9–28–65, Cl. 260—597.

Shoultes, Donald P., to International Business Machines Corp. Method and apparatus for verifying location and controls in magnetic storage devices. 3,193,800, 7–6–65, Cl. 340—172.5.

Shoup, Allen A., to Irene Schneider Trust. Smokeless broiler. 3,174,863, 3–23–65, Cl. 99—1.

Shoup, Ransom F., to Shoup Voting Machine Corp. Voting machine with removable voting spindle handles. 3,170,623, 2–23–65, Cl. 235—54.

Shoup Research and Development Corp.: *See*—
Lord, John G. 3,171,020.

Shoup, Thomas E.: *See*—
Kopf, Rowland J., Humphrey, and Shoup. 3,221,966.

Shoup, Victor G., to Pioneer Mfg. Co. Corn crib structure. 3,191,723, 6–29–65, Cl. 189—3.

Shoup Voting Machine Co.: *See*—
Lord, John G. 3,201,039.

Shoup Voting Machine Corp., The: *See*—
Lord, John G. 3,173,530.
Lord, John G. 3,191,859.
Lord, John G., and Abrams. 3,169,698.
Shoup, Ransom F. 3,170,623.

Shouvlin, Joseph C., and M. E. Ginaven, to The Bauer Bros. Co. Feed means for a refiner. 3,215,355, 11–2–65, Cl. 241—247.

Showa Denko Kabushiki Kaisha: *See*—
Takahashi, Akira, Mita, and Hayashi. 3,199,265.
Takahashi, Akira, Mita, and Hayashi. 3,225,006.
Takahashi, Akira, Mogi, and Takahama. 3,213,149.
Teramoto, Koji, Oga, and Ito. 3,206,378.
Yamauchi, Toshiyoshi, and Suzuki. 3,206,318.

Showa Densen Denran Kabushiki Kaisha: *See*—
Inoue, Sadatoshi, Wakui, Mushiake, and Adachi. 3,219,-955.

Showalter, Alan B., to Lyall Electric, Inc. Snap-in fastener for mounting opening. 3,193,226, 7–6–65, Cl. 248—27.

Showalter, Onslow R., Jr. Fluid flow control valve. 3,180,-353, 4–27–65, Cl. 137—321.

Showalter, William E., to Union Oil Co. of California. Microcellular spheres of uncured methylolamine resins and method of preparation. 3,172,867, 3–9–65, Cl. 260—2.5.

Showalter, William E., to Union Oil Co. of California. Preparation of hydrogen clays. 3,201,197, 8–17–65, Cl. 23—112.

Showers, Lewis M., Jr. Involute profile gage. 3,172,210, 3–9–65, Cl. 33—179.5.

Shrader, Raymond M., to Larkin Coils, Inc. Refrigeration apparatus including liquid injection desuperheater. 3,201,-950, 8–24–65, Cl. 62—197.

Shrader, Robert L., and E. M. Whitson. Permanent magnet transverse electron beam evaporation source. 3,202,794, 8–24–65, Cl. 219—121.

Shrader, William W., to Raytheon Co. Moving and fixed target pulsed radar receiving system. 3,220,002, 11–23–65, Cl. 343—7.7.

Shreffler, Wesley E.: *See*—
Hopkins, Leland G., and Shreffler. 3,208,446.

Shreve, Carmen H.: *See*—
Sisson, Ronald L., and Shreve. 3,174,435.

Shreve, James S., to United States of America, Navy. Delay line apparatus. 3,211,899, 10–12–65, Cl. 235—181.

Shreve, Russell L. Vehicle suspension including anti-roll bar assembly. 3,218,053, 11–16–65, Cl. 267—11.

Shriner, Clyde E. and G. G. Post driver. 3,207,236, 9–21–65, Cl. 173—53.

Shriner, George G.: *See*—
Shriner, Clyde E. and G. G. 3,207,236.

Shriner, Robert D., and H. C. Voss. Means for retrieving and storing water ski ropes. 3,195,831, 7–20–65, Cl. 242—86.5.

Shriner, William E., and J. C. Runco, to Anchor Hocking Glass Corp. Container pressure device. 3,184,897, 5–25–65, Cl. 53—331.5.

Shriver, Donald S., R. R. MacGregor, and W. P. Moore, to Allied Chemical Corp. Method and apparatus for producing ureaformaldehyde foams. 3,186,959, 6–1–65, Cl. 260—2.5.

Shriver, Edward L.: *See*—
Collins, James D., and Shriver. 3,216,966.

Shriver, Ellsworth H., and S. E. Knowles, to The Mead Corp. Composite board. 3,189,514, 6–15–65, Cl. 161—250.

Shrode, Wilford B., to General Motors Corp. Remote control mirror. 3,170,334, 2–23–65, Cl. 74—96.

Shrode, Wilford B., and T. H. Johnstone, to General Motors Corp. Lock cylinder side bar actuated switch. 3,219,767, 11–23–65, Cl. 200—44.

Shrode, William A.: *See*—
Woodward, Henry T., and Shrode. 3,181,600.

Shropshire, Joseph A., and B. L. Tarmy, to Esso Research and Engineering Co. Cathode catalyst for fuel cells. 3,196,048, 7–20–65, Cl. 136—86.

Shrubsall, Harry I., to Union Carbide Corp. Welding of railroad rails. 3,192,356, 6–29–65, Cl. 219—73.

Shryne, Thomas M., to Shell Oil Co. Process for polymerization of butadiene in aqueous media. 3,168,507, 2–2–65, Cl. 260—94.3.

Shryock, Howard A., to The Marley Co. Inlet structure for cooling towers. 3,226,098, 12–28–65, Cl. 261—24.

Shub, Lionel, and R. B. Rupp, to Bell Aerospace Corp. Crossband beacon. 3,168,731, 2–2–65, Cl. 343—6.8.

Shubel, Edward J.: *See*—
Blass, Judd, Buyer, Shubel, and Simpson. 3,214,755.

Shubert, Jack. Method and apparatus for the manufacture of paper boxes. 3,209,661, 10–5–65, Cl. 93—55.

Shubin, John M., 50% to Peter S. Shubin. Rubbish collecting vehicle with loading and packing apparatus. 3,211,309, 10–12–65, Cl. 214—83.3.

Shubin, Peter S.: *See*—
Shubin, John M. 3,211,309.

Shuck, William B. Filter condition indicator. 3,172,746, 3–9–65, Cl. 55—274.

Shuffiebotham, James C., ½ to S. G. Stone. Disposable filter bag. 3,200,571, 8–17–65, Cl. 55—367.

Shuffman, Oscar: *See*—
Wilson, Christopher L., and Shuffman. 3,170,832.

Shuford Mills, Inc.: *See*—
Long, John R. 3,203,163.

Shukis, Anthony J.: *See*—
Jensen, Otto G., Shukis, and Bagan. 3,199,984.

Shull, Gilbert M., and B. A. Sobin, to Chas. Pfizer & Co., Inc. Derivatives of 7-amino cephalosporinic acid. 3,173,916, 3–16–65, Cl. 260—243.

Shull, Stanley A., to Xerox Corp. High speed printers for computers. Re. 25,830, 8–3–65, Cl. 101—93.

Shulman, Abraham, to United States of America, Army. Sweep collapse and rotation failure alarm system for PPI display device. 3,164,745, 1–5–65, Cl. 315—20.

Shulman, Abraham, and M. H. Bernstein; said Bernstein assor. to said Shulman. Symbol presentation means for radar displays. 3,191,169, 6–22–65, Cl. 343—5.

Shulman, Garson P., W. J. McKillip, and F. M. Young, to Archer-Daniels-Midland Co. Preparation of sulfone diacetic acid. 3,223,730, 12–14–65, Cl. 260—537.

Shulman, George: *See*—
Henrard, Armand I. G., Shulman, and Klotz. 3,201,413.

Shulman, Harold D., to Allegheny Steel Corp. Film-forming composition. 3,167,522, 1–26–65, Cl. 260—17.4.

Shulters, Robert B., to Thor Power Tool Co. Impulse tool. 3,214,941, 11–2–65, Cl. 64—26.

Shulton, Inc.: *See*—
Fead, William A., Furutani, and Juakubowski. 3,191,-816.
Furutani, George. 3,191,817.
Schipper, Edgar S. 3,226,394.

Shultz, Alvy P., M. S. O'Neill, and W. D. Kerns, to North American Aviation, Inc. Method for making a die. 3,179,-725, 4–20–65, Cl. 264—90.

Shultz, Paul L., to R. J. Enstrom Corp. Helicopter tail rotor structure and method of construction. 3,200,477, 8–17–65, Cl. 29—156.8.

Shultz, Richard H., and R. T. Schenck, to Continental Can Co., Inc. Roll forming of sheet material. 3,187,539, 6–8–65, Cl. 72—180.

Shulz Tool and Mfg. Co.: *See*—
Mosher, James K., and Baskevitch. 3,177,896.

Shulze, Charles E., to The Carborundum Co. Refractory body having high resistance to flame erosion and thermal shock. 3,165,864, 1–19–65, Cl. 50—464.

Shumaker, Arnold G.: *See*—
Smith, Robert H., and Shumaker. 3,208,656.

Shumaker, Charles S., to Kelsey-Hayes Co. Apparatus for rolling disks. 3,187,535, 6–8–65, Cl. 72—84.

Shumaker, John F., to J. I. Case Co. Material handling equipment. 3,197,050, 7–27–65, Cl. 214—140.

Shumaker, Lawrence E., to The Eversman Mfg. Co. Implement carriage for tractors. 3,207,233, 9–21–65, Cl. 172—316.

Shumaker, Lucky J., to H. H. Robertson Co. Hanger means for sheet metal sectional roofing and flooring. 3,197,926, 8–3–65, Cl. 52—39.

Shumaker, Samuel O. Wire clamping tool. 3,209,626, 10–5–65, Cl. 81—9.3.

Shuman, Robert M., and W. C. Serjak, to Hughes Aircraft Co. Fluid inspection device. 3,177,706, 4–13–65, Cl. 73—61.

Shump, John C. Folding stretcher. 3,176,321, 4–6–65, Cl. 5—82.

Shumsky, Jack, to General Precision, Inc. Display system. 3,206,739, 9–14–65, Cl. 340—347.

Shunk Mfg. Co.: *See*—
Socin, Arthur E. 3,192,653.

Shurcliff, William A., to Polaroid Corp. Radiation detection devices. Re. 25,821, 7–20–65, Cl. 250—71.

Shure Mfg. Corp.: *See*—
Wende, Adolph H. 3,184,068.
Wende, Adolph H. 3,220,125.

Shure, Raymond L. Directionally convertible arrow tip. 3,164,385, 1–5–65, Cl. 273—106.5.

Shurter, Robert A., Jr., and A. P. Miller, to Commercial Solvents Corp. Production of ammonium nitrate granules. 3,211,522, 10–12–65, Cl. 23—103.

Shurtleff, Louis C., to Chatleff Controls, Inc. Coupling means for connecting conduits. 3,201,148, 8–17–65, Cl. 285—3.

Shurtleff, Wood B., and P. N. Rawson. Liquid container and valve therefor. 3,221,935, 12–7–65, Cl. 222—52.

Shurtleff, Wood B., and P. N. Rawson. Valve for liquid container. 3,221,953, 12–7–65, Cl. 222—538.
Shurtliff, Norval E. Boring bar. 3,172,308, 3–9–65, Cl. 77—56.
Shurtz, Robert F., to Basic Inc. Refractory bonded with pitch. 3,210,205, 10–5–65, Cl. 106—56.
Shutak, Paul N.: *See* —
Califano, Frank L., and Shutak. 3,205,794.
Shutes, Emmett B.: *See*—
Lilly, Arnys C., Jr., Shutes, and Weismann. 3,182,190.
Shutt, Milo: *See*—
Evascu, Nicholas, and Shutt. 3,179,265.
Shutt, Milo, to Union Industrial Co., Division of the Alliance Machine Co. Flanging machines. 3,168,919, 2–9–65, Cl. 153—31.
Shutt, Paul B.: *See*—
Ferrell, William E., Shutt, Shafer, and McAfee. 3,196,-617.
Shutt, Paul B., to The Bendix Corp. Push rod retainer. 3,173,266, 3–16–65, Cl. 60—54.6.
Shutt, Paul B., and C. M. Barnes, to The Bendix Corp. Master cylinder reservoir connection. 3,213,626, 10–26–65, Cl. 60—54.6.
Shuttler, Ellen J.: *See*—
Ward, Douglas M., and Shuttler. 3,186,789.
Shuttler, James D.: *See*—
Ward, Douglas M., and Shuttler. 3,186,789.
Shvetz, Roman E. Bag embodying one or more tie-strip portions, and sheet material providing the same. 3,186,626, 6–1–65, Cl. 229—62.
Shvetz, Roman E. Containers formed of flexible sheet material providing one or more tie-strips. 3,217,971, 11–16–65, Cl. 229—62.
Shwarz, Samuel W. Cigarette case. 3,164,295, 1–5–65, Cl. 221—116.
Shwayder, Warren M. Armor for stopping drills and the like. 3,205,841, 9–14–65, Cl. 109—82.
Shy, Joe J., Jr. Soffit and tie plate construction for prefabricated buildings. 3,169,347, 2–16–65, Cl. 50—66.
Shyffer, Bernard, to Northrop Corp. Control of effective emissivity and absorptivity. 3,205,937, 9–14–65, Cl. 165—96.
Sias, Roy C.: *See*—
Ford, Wendell F., Jr., Popovac, and Sias. 3,193,504.
Sias, Roy C., and P. C. Kemp, to Continental Oil Co. Process for making mahogany sulfonic acids. 3,225,086, 12–21–65, Cl. 260—504.
Siagel, Harold, to American Capital Corp. Municipal incinerators. 3,199,475, 8–10–65, Cl. 110—18.
Sianesi, Dario, and G. Nelli, to Montecatini Societa Generale per l'Industria Mineraria e Chimica. Production of vinyl fluoride. 3,200,160, 8–10–65, Cl. 260—653.5.
Sibert, Merle E., and J. Tsukamoto, to Lockheed Aircraft Corp. Inorganic surface coatings. 3,222,197, 12–7–65, Cl. 106—84.
Sibler, Guentew W., to Baldwin-Lima Hamilton Corp. Extrusion press. 3,184,944, 5–25–65, Cl. 72—255.
Sibley, Clifton B., to National Research Corp. Electron beam heating device. 3,182,175, 5–4–65, Cl. 219—117.
Sibley, Forbes S.: *See*—
Spooner, Norman F., and Sibley. 3,171,737.
Sibley, Henry C.: *See*—
Bramer, Donald W., and Sibley. 3,178,515.
Sibley, Henry C., to General Signal Corp. System for detecting hot elements on railway vehicles. 3,183,350, 5–11–65, Cl. 246—169.
Sibley, John R., to Joy Mfg. Co. Cross equalizing suspension for shuttle car wheels. 3,175,709, 3–30–65, Cl. 214—83.36.
Sibley, Richard D., to International Telephone and Telegraph Corp. Reset mechanism for power operated loads. 3,219,-902, 11–23–65, Cl. 318—475.
Sibley, Robert C., to Litton Industries, Inc. Fabrication of interdigital delay lines. 3,205,104, 9–7–65, Cl. 156—6.
Sibon, Serge: *See*—
Babany, Lucien, and Sibon. 3,205,451.
Sicard, Marcell C., to American Machine & Foundry Co. Closure means for filter containing pressure vessels. 3,225,-929, 12–28–65, Cl. 210—32.
Sichak Associates: *See*—
Sichak, William. 3,206,676.
Sichak, William, to Sichak Associates. Time diversity system. 3,206,676, 9–14–65, Cl. 325—65.
Sichak, William, and Z. G. Lyon, to International Telephone and Telegraph Corp. Single sideband communication system. 3,201,692, 8–17–65, Cl. 325—17.
Sicho, Rowan A.: *See*—
Eisenberg, Edward, and Sicho. 3,190,707.
Siciliano, Iginio. Closure operator. 3,189,339, 6–15–65, Cl. 268—111.
Siciliano, Samuel F., to George C. Moore Co. Weft detectors for looms. 3,188,057, 6–15–65, Cl. 139—370.
Sick, Herbert: *See*—
Krudewig, Johannes, and Sick. 3,168,051.
Sickbert, Adolf, to Bochumer Verein fur Gubstahlfabrikation Aktiengesellschaft. Apparatus for vacuum treatment of molten metal. 3,193,892, 7–13–65, Cl. 22—85.
Sickbert, Adolf, to Heppenstall Co. Process and apparatus for vacuum degassing of metal. 3,211,545, 10–12–65, Cl. 75—49.
Sickbert, Adolf, to Bochumer Verein fur Gusstahlfabrikation A.G. Process for vacuum degasification of metal. 3,226,-224, 12–28–65, Cl. 75—49.
Sickle, Vernon C., H. W. Schnabel, and Z. J. Cibulas, to Armour and Co. Cleaning and polishing article. 3,171,-151, 3–2–65, Cl. 15—118.
Sickler, Kenneth H., to General Electric Co. Interlocking means for series-multiple switch and tap changer in dual rated transformer. 3,213,223, 10–19–65, Cl. 200—50.
Sickler, Lee F.: *See*—
Frater, George G., and Sickler. 3,187,880.
Sickles, Ralph A. Apparatus for intermittent immersion of articles in liquid baths. 3,196,772, 7–27–65, Cl. 95—89.
Sicotte, Noble L. Portable well-driving rig. 3,205,952, 9–14–65, Cl. 173—124.
Siddall, George, L. A. Holland, and A. Hilliard, to Edwards High Vacuum Ltd., and Societe le Carbone-Lorraine. Evaporation of metal or metalloids. 3,171,017, 2–23–65, Cl. 219—271.
Siddall, Stanley G. Front and rear wheel steering trailer. 3,211,467, 10–12–65, Cl. 280—99.
Siddons, John R., to Olin Mathieson Chemical Corp. Explosive-powered fastening tools. 3,172,119, 3–9–65, Cl. 1—44.5.
Sidebottom, Lewis A. Measuring glass drainage tray. 3,223,127, 12–14–65, Cl. 141—364.
Sidell, Philip A., to The Ingraham Co. Clock with separate day and night dials. 3,196,604, 7–27–65, Cl. 58—50.
Sidelman, Abraham. Bristle brush hair curler. 3,200,825, 8–17–65, Cl. 132—41.
Sidelman, Abraham. Hair curler. 3,204,645, 9–7–65, Cl. 132—41.
Sidenberg, Stanley S., and F. J. Bandelin, to Blessings, Inc. Sedative tablet and method for producing the same. 3,198,700, 8–3–65, Cl. 167—52.
Sidener, Roger D.: *See*—
Cooper, Jacob, and Sidener. 3,209,734.
Sidener, Roger D., to Foster Wheeler Corp. Device for attaching an enclosure about a high temperature casing. 3,186,526, 6–1–65, Cl. 189—34.
Sidenstick, Harry L.: *See*—
Hoffman, Henry R., and Sidenstick. 3,186,333.
Sides, Claude R.: *See*—
Eyler, John F., Sides, Murray, and Cosby. 3,206,887.
Sidhu, Sherjang S.: *See*—
Blain, Leland M., and Sidhu. 3,218,823.
Sidi, Henri, to Tenneco Chemicals, Inc. Production of high molecular weight polymers of formaldehyde. 3,193,532, 7–6–65, Cl. 260—67.
Sidi, Henri, to Tenneco Chemicals, Inc. Production of high molecular weight polymers of formaldehyde. 3,216,972, 11–9–65, Cl. 260—67.
Sidi, Henri, to Tenneco Chemicals, Inc. Initiators for the polymerization of formaldehyde. 3,218,296, 11–16–65, Cl. 260—67.
Sidi, Henri, to Tenneco Chemicals, Inc. Production of branched chain polyoxymethylene polycarboxylates. 3,219,-630, 11–23–65, Cl. 260—67.
Sidles, James, and A. M. Joseph, to The B. F. Goodrich Co. Brake or clutch mechanism. 3,180,468, 4–27–65, Cl. 192—88.
Sidoti, Joseph E.: *See*—
McDowell, Hunter L., and Sidoti. 3,185,890.
Sidoti, Joseph E., to S-F-D Laboratories, Inc. Slow wave circuit with flexible support. 3,198,979, 8–3–65, Cl. 315—39.3.
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Campbell, John J., Hendrickson, and Sieving. 3,185,261.
Siezen, Gerrit J., to North American Philips Co. Inc. Apparatus for checking imperfections in a recording medium. 3,182,135, 5–4–65, Cl. 179—100.1.
Sigal, Everard H., to Verwaltungsellschaft Moeller und Neumann offene Handelsgesellschaft. Method and apparatus for producing structural metal bars of various different commercial shapes and lengths. 3,174,316, 3–23–65, Cl. 72—8.
Sigel, Carl J. Inflatable plastic tent. 3,211,162, 10–12–65, 135—1.
Sigel, David, to United States of America, Navy. Phase comparator "AND" gate. 3,183,445, 5–11–65, Cl. 328—134.
Sigel, David, to United States of America, Navy. Coincidence gate generator. 3,198,993, 8–3–65, Cl. 317—149.
Siger, Einar W. R. Convertible footwear. 3,177,596, 4–13–65, Cl. 36—7.1.
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Meyer, Gerhard, Rosener, and Siggel. 3,216,989.
Siggel, Erhard, G. Meyer, and W. Rosener, to Vereinigte Glanzstoff-Fabriken AG. Process for the purification and activation of titanium trichloride. 3,201,192, 8–17–65, Cl. 23—87.
Siggelin, Gert K. A. Ceramic gas conditioner. 3,176,446, 4–6–65, Cl. 55—189.
Siggelin, Gert K. A., to Atlantic Research Corp. Method and apparatus for dehumidification of gases. 3,193,985, 7–13–65, Cl. 55—33.
Siggers, Edward G., and A. D. Denny, to Owens-Corning Fiberglas Corp. Method for processing slurry. 3,198,867, 8–3–65, Cl. 264—299.
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Sigler, W. U. (Bill): *See*—
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Bleiweiss, Arthur F., Colombo, Dickson, and Orlov. 3,225,166.
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Norbutas, Stanley R., and Kallinger. 3,220,338.
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Sigoda, Victor J., to Man-Sew Corp. Blindstitch attachment for sewing machines. 3,216,384, 11–9–65, Cl. 112—140.
Sigrist, Robert. Pneumatic filling apparatus for expanded polystyrene. 3,179,134, 4–20–65, Cl. 141—67.
Sigrist, Viktor, and M. Muller, to International Standard Electric Corp. Gyromagnetic resonance waveguide isolator with ferrite strips and overlapping ferrite bar. 3,197,718, 7–27–65, Cl. 333—24.2.
Sigsworth, Arthur C. M., to The International Nickel Co., Inc. Apparatus for contacting of solids with gases in a fluidized bed. 3,183,064, 5–11–65, Cl. 23—284.
Sihvonen, Kauno E., and A. W. Fischer, to Consolidated Electrodynamics Corp. Modular oscillograph. 3,186,000, 5–25–65, Cl. 346—109.
Sihvonen, Yro T., and S. G. Parker, to Texas Instruments Inc. High performance photoresistor. 3,208,022, 9–21–65, Cl. 338—15.
Siiberg, Hemming G., to Tung-Sol Electric Inc. Vane snap action device having movable heater means for voltage and temperature compensation. 3,174,012, 3–16–65, Cl. 200—122.
Siiberg, Hemming G., to Tung-Sol Electric Inc. Bistable thermo-responsive device. 3,174,013, 3–16–65, Cl. 200—122.
Siiberg, Hemming G., to Tung-Sol Electric Inc. Compensated shunt type snap action device. 3,218,411, 11–16–65, Cl. 200—113.
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Sikes, Edwin H., to H. C. Price Co. Wire laying machine. 3,177,669, 4–13–65, Cl. 61—72.6.
Sikora, Paul F., to United States of America, National Aeronautics and Space Administration. High temperature testing apparatus. 3,176,499, 4–6–65, Cl. 73—15.6.
Sikorra, Daniel J., to Honeywell Inc. Stabilized transistor difference amplifier. 3,168,709, 2–2–65, Cl. 330—30.
Sikorra, Daniel J., to Honeywell Inc. Saturable core pulse with motor control apparatus. 3,199,011, 8–3–65, Cl. 318—341.
Sikorra, Daniel J., to Honeywell Inc. Multiplication by varying amplitude and period of output pulse. 3,202,807, 8–24–65, Cl. 235—194.
Sikorra, Daniel J., to Honeywell Inc. Control apparatus for preventing amplifier saturation. 3,213,385, 10–19–65, Cl. 330—51.
Sikorski, Frank B., and K. K. Spellnes, to Automatic Electric Laboratories Inc. Data switching system. 3,226,488, 12–28–65, Cl. 179—18.
Sikorski, Mathew E., to Bell Telephone Laboratories, Inc. Stabilized tunnel diode stress sensing devices. 3,182,492, 5–11–65, Cl. 73—88.5.
Sikorski, Mathew E., to Bell Telephone Laboratories, Inc. Pressure transducers. 3,184,972, 5–25–65, Cl. 73—398.
Silber, Alvin D., J. B. Feder, and J. L. Russell, to Halcon International, Inc. Reactivation of catalyst in production of a phenol. 3,194,843, 7–13–65, Cl. 260—621.
Silber, Alvin D., J. B. Feder, and J. L. Russell, to Halcon International, Inc. Catalyst regeneration and process. 3,194,844, 7–13–65, Cl. 260—621.
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Silberger, Marvin E., to American Chain & Cable Co., Inc. Multiple cluster gear train. 3,167,967, 2–2–65, Cl. 74—411.
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Silberman, James K. Ski binding plate. 3,198,537, 8–3–65, Cl. 280—11.35.
Silbert, Leonard S., and D. Swern, to United States of America, Agriculture. Preparation of aromatic peroxy acids. 3,180,886, 4–27–65, Cl. 260—465.
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Sillars, Frederick S., and W. G. Birch, to Campbell Soup Co. Apparatus for soldering cans. 3,190,526, 6–22–65, Cl. 228—35.
Silletti, Rocco W. Jar lid remover. 3,178,970, 4–20–65, Cl. 81—3.46.
Silletti, Rocco W. Cocktail glass liner. 3,209,796, 10–5–65, Cl. 141—311.
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Reuther, John F., and Silliman. 3,213,424.
Silliman, Sheldon D., and W. F. Cruess, to Westinghouse Electric Corp. Phase detector using Zener diode bridges and a summing network. 3,213,362, 10–19–65, Cl. 324—87.
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Silva, Alfonso F., and L. M. Hall, to Black, Sivalls & Bryson, Inc. Method and apparatus for processing a natural gas stream. 3,192,687, 7–6–65, Cl. 55—33.
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Silver, Alexander, to The Garrett Corp. Pneumatic control apparatus. 3,186,642, 6–1–65, Cl. 236—79.
Silver, Alexander, and A. F. Stahler, to The Garrett Corp. Hydrodynamic shaft bearing. 3,215,479. 11–2–65, Cl. 308—121.
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Silver, Bernard, deceased, by P. R. Silver, executrix, to Electro-Nite Inc. Biased stack facial tissue dispenser. 3,202,316, 8–24–65, Cl. 221—59.
Silver, Bernard, to Electro-Nite Engineering Co. Electrical connector with radially spaced contacts. 3,210,718, 10–5–65, Cl. 339–61.
Silver, Bertram S. Swivel arrangement. 3,204,915, 9–7–65, Cl. 248—417.
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Silver, Irving, J. E. Hubbartt, and R. B. Inman, to Shavair of America, Inc. Method of shaving. 3,224,305, 12–21–65, Cl. 83—14.
Silver, James W. and J. M., to Ogden Iron Works Co. Roll screen for cleaning root crops. 3,217,346, 11–16–65, Cl. 15—3.11.
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Silvera, Ronald E. Device for simulating space vehicle flight trajectory of an earth satellite. 3,208,185, 9–28–65. Cl. 46—241.
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Silverblatt, Bernard L., to Westinghouse Electric Corp. Core support structure. 3,212,979, 10–19–65, Cl. 176—36.
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Silverman, Daniel. Multiple information strips. 3,179,001, 4–20–65, Cl. 88—24.
Silverman, Daniel. Examining-sorting systems. 3,187,893, 6–8–65, Cl. 209—111.7.
Silverman, Harold, to Maid-Rite Novelty Corp. Back closures for brassieres. 3,217,714, 11–16–65, Cl. 128—506.
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Silverman, Leslie, to United States of America, Atomic Energy Commission. Respirator with positive air seal. 3,167,070, 1–26–65, Cl. 128—143.
Silverman, Leslie, to United States of America, Atomic Energy Commission. Diffusion board for filtering high pressure gases. 3,217,471, 11–16–65, Cl. 55—316.
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Silverman, Milton J. Devices for holding cargo. 3,221,921, 12–7–65, Cl. 220—46.
Silverman, William B., to Owens-Illinois Glass Co. Apparatus for skimming and stirring molten glass. 3, 216,812, 11–9–65, Cl. 65—179.
Silvern, David H., to Dresser Industries, Inc. Measuring meter. 3,199,349. 8–10–65, Cl. 73—233.
Silvern, David H. Rotary evaporator-condenser apparatus for thin film distillation. 3,200,051, 8–10–65, Cl. 202—236.
Silvern, David H., to Dresser Industries, Inc. Gas meter improvement. 3,224,274, 12–21–65, Cl. 73—261.
Silvern, David H., and J. R. May, to Sundstrand Corp. Power system. 3,208,216, 9–28–65, Cl. 60—39.17.
Silvers, Charles. Sliding door lock. 3,173,716, 3–16–65, Cl. 292—147.
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Silvestri, George, Jr., to Silvestri Art Mfg. Co. Multichannel illumination system for controlling the intensity of illumination in each channel in response to selected frequency band of an input control signal. 3,222,574, 12–7–65, Cl. 315—200.

Silvestri, Herbert H., and D. A. Johnson, to Bristol-Meyers Co. Aryl sulfonic acid salts of alpha-aminobenzylpenicillins. 3,180,862, 4–27–65, Cl. 260—239.1.

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Simantel, Larry L., to Sinclair Research, Inc. Catalyst demetallization. 3,208,952, 9–28–65, Cl. 252—415.

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Simeone, Mario J., and L. F. Filosa, to Warner-Lambert Pharmaceutical Co. Compositions for printing on chewing gum. 3,215,536, 11–2–65, Cl. 99—135.

Simerl, R. A. Parallel rule. 3,216,115, 11–9–65, Cl. 33—109.

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Simison, Jack H., 50% to P. L. Montemurro. Apparatus for setting a fence post in concrete. 3,166,871, 1–26–65, Cl. 50—103.

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Simjian, Luther G., to Universal Match Corp. Depository machine combined with image recording means. 3,173,742, 3–16–65, Cl. 346—22.

Simjian, Luther G., to Universal Match Corp. Coin dispensing means. 3,187,760, 6–8–65, Cl. 133—4.

Simjian, Luther G., to Universal Match Corp. Envelope. 3,187,985, 6–8–65, Cl. 229—68.

Simjian, Luther G., to Universal Match Corp. Envelope. 3,187,986, 6–8–65, Cl. 229—68.

Simjian, Luther G., to Universal Match Corp. Envelope handling apparatus. 3,204,503, 9–7–65, Cl. 83—100.

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Simko, John J., to The National Screw & Mfg. Co. Blind fastener. 3,202,036, 8–24–65, Cl. 85—77.

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Simm, Walter, to Farbenfabriken Bayer Aktiengesellschaft. Apparatus for the electrophotographic production of images. 3,169,886, 2–16–65, Cl. 118—637.

Simmen, Robert, to Etablissement Aesup. Watertight sealing means for electric toothbrushes and the like. 3,166,943, 1–26–65, Cl. 74—18.

Simmen, Robert, to Mefina S.A. Hand grenade. 3,223,035, 12–14–65, Cl. 102—64.

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Simmerman, Richard C., and M. T. Roudebush, to The National Cash Register Co. Coin dispensers. 3,175,563, 3–30–65, Cl. 133—1.

Simmers, Charles F., to The Morgan Engineering Co. Rotating joint for water cooled trunnion. 3,167,332, 1–26–65, Cl. 285—41.

Simmler, Walter, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of methylpolysiloxane oxymethylene copolymers. 3,215,666, 11–2–65, Cl. 260—46.5.

Simmler, Walter, and H.-W. Kauczor, to Farbenfabriken Bayer Aktiengesellschaft. Organo-oxymethyl- and organo-aminomethyl-substituted siloxanes. 3,174,987, 3–23–65, Cl. 260—448.2.

Simmon, Alfred, to Simmon Bros., Inc. Photographic printer and enlarger and light mixing device therefor. 3,217,594, 11–16–65, Cl. 88—24.

Simmon, Alfred, and L. L. Weisglass, to Simmon Brothers, Inc. Photographic roll paper holder. 3,209,644, 10–5–65, Cl. 88—24.

Simmon Brothers, Inc.: *See*—
Simmon, Alfred. 3,217,594.
Simmon, Alfred, and Weisglass. 3,209,644.

Simmonds, Clyde S. Paint mixer. 3,223,389, 12–14–65, Cl. 259—106.

Simmonds, David H., and R. J. Rowlands, to The University of Adelaide. Apparatus for recording data. 3,201,794, 8–17–65, Cl. 346—31.

Simmonds, Milo R. Installation tool. 3,178,809, 4–20–65, Cl. 29—227.

Simmonds, Milo R. Method of fastening. 3,178,810, 4–20–65, Cl. 29—456.

Simmonds Precision Products, Inc.: *See*—
Edwards, Harrison F. 3,190,122.
Edwards, Harrison F. 3,199,100.
Edwards, Harrison F. 3,212,077.
Franklin, Cecil. 3,172,018.
Franklin, Cecil. 3,217,243.
Halpern, Marvin S. 3,221,316.
Hossack, Alexander. 3,180,146.
Samuelian, Robert V. 3,221,247.
Smith, Stanley J. 3,221,322.

Simmonds, William H., to Westinghouse Electric Corp. Frame grid holding apparatus. 3,182,688, 5–11–65, Cl. 140—71.5.

Simmons, Albert P. Combined hammer and punch. 3,169,-255, 2–16–65, Cl. 7—8.

Simmons, Arthur W., and J. Washbourn, to Westinghouse Brake & Signal Co. Control reservoir pressure release and charging valve device. 3,175,870, 3–30–65, Cl. 303—74.

Simmons, Cecil E., and J. Rudniski, to Grinnell Corp. Chain riveting machine. 3,182,441, 5–11–65, Cl. 59—7.

Simmons, Clarence C. Amusement device. 3,214,183, 10–26–65, Cl. 280—1.182.

Simmons Co.: *See*—
Costello, Robert C. 3,200,417.
Stumpf, Walter. 3,168,792.
Stumpf, Walter, and Sturm. 3,193,136.

Simmons, Eleanor M. Convertible handbag. 3,164,187, 1–5–65, Cl. 150—35.

Simmons, Elmer C., to Laboratory For Electronics, Inc. Cathode ray tube symbol generator having forward and reverse wound cores. 3,175,208, 3–23–65, Cl. 340—324.

Simmons, Ernest P. Gun sight. 3,184,851, 5–25–65, Cl. 33—47.

Simmons, Frederick S.: *See*—
De Bell, Arthur G., Anderson, and Simmons. 3,205,343.

Simmons, George H. Signal controlled adjustable rear view mirror. 3,199,075, 8–3–65, Cl. 340—98.

Simmons, Gerald F., to General Electric Co. Centering and fastening means for internally supported transformer. 3,175,174, 3–23–65, Cl. 336—92.

Simmons, Harold C., and L. B. O'Sickey, to Parker-Hannifin Corp. Nozzle. 3,201,050, 8–17–65, Cl. 239—453.

Simmons, Harold T. to P. R. Mallory & Co., Inc. Adjustable cam time sequence control. 3,221,117, 11–30–65, Cl. 200—38.

Simmons, Harold T., and S. F. Murray, to P. R. Mallory & Co., Inc. Sequentially operated timer with motor-driven rotary cam actuated switches. 3,178,526, 4–13–65, Cl. 200—38.

Simmons, Herbert H. Cleaning device for electric razors. 3,172,416, 3–9–65, Cl. 134—111.

Simmons, Howard E., Jr., to E. I. du Pont de Nemours and Co. Cyanopyrroles and their preparation. 3,221,024, 11–30–65, Cl. 260—313.

Simmons, Irving F., Jr., and R. G. Pinder, to Eastman Kodak Co. Organic finishing system for application to polyolefins and polyallomers for vacuum metallizing and decorative purposes. 3,201,271, 8–17–65, Cl. 117—47.

Simmons, Lawrence C., to Cleveland Technical Center, Inc. Vehicle wall bracing means. 3,195,944, 7–20–65, Cl. 296—28.

Simmons, Leonard. Accessory for traveling lawn sprinkler. 3,176,923, 4–6–65, Cl. 239—183.

Simmons, Lovel R., H. H. Travis, J. T. Monk, and A. W. Ogletree, to M-R-S Mfg. Co. Traction for earth movers and the like. 3,225,850, 12–28–65, Cl. 180—14.

Simmons, Lovel R., H. H. Travis, J. T. Monk, and A.W. Ogletree, to M-R-S Mfg. Co. Traction for earth movers and the like. 3,225,851, 12–28–65, Cl. 180—14.
Simmons, Lovel R., H. H. Travis, J. T. Monk, and A. W. Ogletree, to M-R-S Mfg. Co. Traction for earth movers and the like. 3,225,852, 12–28–65, Cl. 180—14.
Simmons, Maynard E., to Besser Co. Reciprocating pallet cleaner. 3,217,348, 11–16–65, Cl. 15—93.
Simmons, Milton E.: *See*—
Du Bois, Floyd M., Jr., and Simmons. 3,182,215.
Simmons, Milton E., to General Motors Corp. Flexible cable drive. 3,195,823, 7–20–65, Cl. 242—54.
Simmons, Milton E., C. J. Finsterwalder, and F. J. Terboski, to General Motors Corp. Brush holder assembly. 3,175,-113, 3–23–65, Cl. 310—246.
Simmons, Milton E., and J. A. Schum, to General Motors Corp. Vehicle door actuator. 3,202,414, 8–24–65, Cl. 268—3.
Simmons, Percy A.: *See*—
Grisdale, Harry, and Simmons. 3,172,477.
Simmons, Reid W., to Sjostrom Automations, Inc. Fabric straightening and cutting device. 3,192,811, 7–6–65, Cl. 83—175.
Simmons, Richard W., to Georgia-Pacific Corp. Process for enzymatically modifying organic tanning agents and products thereof. 3,212,996, 10–19–65, Cl. 195—51.
Simmons, Robert C.: *See*—
Morris, William J., and Simmons. 3,215,380
Simmons, Roger C.: *See*—
Schaedler, Raymond J., and Simmons. 3,174,597.
Simmons, Roger C., to Chicago Pneumatic Tool Co. Portable nut runner having automatic speed change and automatic shut-off. 3,187,860, 6–8–65, Cl. 192—.092.
Simmons, Royce G.: *See*—
Ames, Irving, and Simmons. 3,208,873.
Simmons, Rufus P. Multi-purpose hand tool. 3,186,009, 6–1–65, Cl. 7—16.
Simmons, Walter H., to Carrier Corp. Fastening apparatus. 3,222,093, 12–7–65, Cl. 285—162.
Simmons, Walter R., to Townsend Co. Lock bolt gun. 3,180,-017, 4–27–65, Cl. 29—252.
Simmons, Walter R., to Textron Industries, Inc. Pulling head for installing fasteners with stems and locking the stem therein. 3,187,546, 6–8–65, Cl. 72—391.
Simmons, Walter R., to Textron Industries, Inc. Pulling head device for the stem of fasteners. 3,196,662, 7–27–65, Cl. 72—391.
Simmons, William C.: *See*—
Morgan, Jack F., and Simmons. 3,213,094.
Simmons, William H., to United States of America, Army. Preejection sequencer for aircraft. 3,173,635, 3–16–65, Cl. 244—122.
Simms, Bernard B.: *See*—
Delman, Alvin D., Ruff, and Simms. 3,218,270.
Simms, Ellsworth W.: *See*—
Jenn, Louis J., and Simms. 3,196,862.
Simms, James B. Detachable bottle handle. 3,171,574, 3–2–65, Cl. 222—467.
Simms, James S. Tensioning units. 3,184,219, 5–18–65, Cl. 254—29.
Simms, James S. Pre-stressed concrete reinforced strand tensioning device. 3,194,536, 7–13–65, Cl. 254—29.
Simms, John A.: *See*—
Beresniewicz, Aleksander, and Simms. 3,215,657.
Simms, John A., to E. I. du Pont de Nemours and Co. Terpolymers containing at least 65% ethylene. 3,201,374, 8–17–65, Cl. 260—80.5.
Simms Motor Units Ltd.: *See*—
Miracki, Zdislav S., and Lindsay. 3,185,141.
Simms, Victor A., 15% to Gausewitz & Carr. Lifting device. 3,195,860, 7–20–65, Cl. 254—2.
Simnad, Massoud T., to United States of America, Atomic Energy Commission. Method and apparatus for making dense bodies of refractory materials. 3,182,102, 5–4–65, Cl. 264—21.
Simon, Allen H., and H. Weinstein, to Radio Corp. of America. Means for modifying the waveform of a pulse as it passes through controlled delay line. 3,177,433, 4–6–65, Cl. 328—58.
Simon, Andrew, to The American Monorail Co. Remote motor control system. 3,181,047, 4–27–65, Cl. 318—202.
Simon, Arthur, and G. A. Weber, to The Bendix Corp. Multiplexed servo systems with inertial reaction torque compensation. 3,168,838, 2–9–65, Cl. 74—388.
Simon, Arthur J.: *See*—
Carpenter, Ivan H., and Simon. 3,216,181.
Simon, Bernard: *See*—
Schowerer, George J., and Simon. 3,195,827.
Simon-Carves Ltd.: *See*—
Alsop, Charles R., and Semple. 3,182,972.
Gerrard, John S. 3,186,792.
Gerrard, John S. 3,186,802.
Simpson, Peter, Clough, and Todhunter. 3,167,390.
Wood, Charles W., Clough, Abson, and Murphy. 3,208,-734.
Simon, Edwin G. Banjo construction. 3,203,296, 8–31–65, Cl. 84—269.
Simon, Franz E., K. Fuchs, and R. E. Peierls, to United States of America, Atomic Energy Commission. Diffusion separation of fluids. 3,208,197, 9–28–65, Cl. 55—16.
Simon, George. Calliper-type disk brake. 3,224,532, 12–21–65, Cl. 188—152.
Simon, Harry, and H. Maglio, to Air Reduction Co., Inc. Resistor-ceramic control network for fluorescent lamp starters. 3,171,061, 2–23–65, Cl. 315—309.
Simon, Henry, Ltd.: *See*—
Bingham, John D. 3,193,098.
Craig, Brian W. 3,193,331.
Marlow, Anthony V., and Allen. 3,211,385.
Simon, Huey A.: *See*—
Reddie, William A., Werlein, and Simon. 3,217,802.
Simon, Ivan, to General Motors Corp. Diamagnetic suspension system. 3,225,608, 12–28–65, Cl. 74—5.6.
Simon, Jean C., and L. Malnar, to Compagnie Generale de Telegraphie Sans Fil. Passive radars for measuring thermal noise using plural local oscillations. 3,197,704, 7–27–65, Cl. 325—438.
Simon, Jean-Claude, and V. Biggi, to C.S.F.-Compagnie Generale de Telegraphie Sans Fil. Radio link relays. 3,188,-640, 6–8–65, Cl. 343—100.
Simon, Jean-Claude, and S. Lowenthal, to CSF-Compagnie generale de telegraphie Sans Fil. Flat ultrasonic radiators. 3,221,295, 11–30–65, Cl. 340—5.
Simon, Johann H. Insulating sleeve for guiding cables through a wall opening. 3,197,556, 7–27–65, Cl. 174—153.
Simon, Joseph, to General Precision, Inc. Magnetic memory device and method of producing same. 3,180,715, 4–27–65, Cl. 29—194.
Simon, Lewis B., to United States of America, Navy. Sealing means for rotary engines. 3,181,509, 5–4–65, Cl. 123—16.
Simon, Myron S.: *See*—
Blout, Elkan R., Green, Rogers, and Simon. 3,208,991.
Simon, Myron S., to Polaroid Corp. Photographic products, compositions and processes employing azo dye developers. 3,183,089, 5–11–65, Cl. 96—29.
Simon, Oskar: *See*—
Fezer, Eberhard, Frese, Hejj, Simon, Schmid, and Einbeck. 3,208,666.
Simon, Paul W.: *See*—
Morris, Charles L., Jr., and Simon. 3,222,345.
Simon, Peter. Weatherproof electrical installation with pivotally attached hood means. 3,188,379, 6–8–65, Cl. 174—38.
Simon, Robert H. M.: *See*—
Latinen, George A., and Simon. 3,211,209.
Simon, Roserna F. Motor vehicle sun visor. 3,191,986, 6–29–65, Cl. 296—97.
Simon, Stephane M. C. V., and M. C. Boeve, to International Standard Electric Corp. Alternating current signal receiver. 3,200,307, 8–10–65, Cl. 317—147.
Simon, Steven A.: *See*—
Waite, Carl F., and Simon. 3,213,496.
Simon, Warner H. Method of manufacturing uncontaminated welding rod. 3,225,508, 12–28–65, Cl. 53—22.
Simon, Wilbur, to Morton Salt Co. Method of removing iron from sodium and potassium sulfates. 3,190,722, 6–22–65, Cl. 23—121.
Simon, Wilbur, and G. Andelfinger, to Morton Salt Co. Method of removing iron from sodium and potassium sulfates. 3,190,721, 6–22–65, Cl. 23—121.
Simon, William F., to Sperry Rand Corp. Transistor compensating circuit for magnetic recording head. 3,188,616, 6–8–65, Cl. 340—174.1.
Simonds, George D., R. W. Stieg, A. V. Larson, and S. B. Miller, to FWD Corp. Axle and drive-through gear. 3,191,-708, 6–29–65, Cl. 180—44.
Simonds, Milton R.: *See*—
Salzberg, Harold K., and Simonds. 3,186,918.
Simonds Saw and Steel Co.: *See*—
Kolesh, Victor A., and Lamlein. 3,175,426.
Simonelli, Nazaro: *See*—
Jurman, Harry R., Rocks, and Simonelli. 3,220,266.
Simonet, Jocelyn E. L., to Societe du Carburateur Zenith. Tachometric carburettors. 3,168,084, 2–2–65, Cl. 123—119.
Simonet, Pierre M.: *See*—
Honnet, Bernard, and Simonet. 3,202,324.
Simoni, Vittorio, to The Eimco Corp. Process for purifying sugar juices. 3,182,665, 5–11–65, Cl. 127—50.
Simonian, Edward P., and E. Goldberg, to Philco Corp. Binary data transfer circuit. 3,177,374, 4–6–65, Cl. 307—88.5.
Simonian, John V., H. Kroll, and J. B. Peterson, to Geigy Chemical Corp. Herbicidally active ureas. 3,205,258, 9–7–65, Cl. 260—465.
Simonnet, Andre A. P., and L. A. Cabut, to Etablissements Kuhlmann. N-(2 benzothiazoyl)-1,4,5,8 diamino dihydroxy anthraquinones, mixtures and synthesis thereof. 3,199,941, 8–10–65, Cl. 8—25.
Simons, Allison K., to Bostrom Corp. Seat assembly. 3,219,-386, 11–23–65, Cl. 297—309.
Simons, Charles C., to The Battelle Development Corp. Method of explosively compacting powders to form a dense body. 3,220,103, 11–30–65, Cl. 29—421.
Simons, Charles W.: *See*—
Nagle, John D., and Simons. 3,164,485.
Simons, Gordon F.: *See*—
Morana, Simon J., Simons, Epstein, and Ray. 3,205,035.
Simons, Jack C., and A. V. Crossley, to Sperry Rand Corp. Pressure control means for print hammers. 3,218,965, 11–23–65, Cl. 101—93.
Simons, Jacobus M., and N. S. W. van Dam, to Chemische Fabriek L. van der Grinten N.V. Method and apparatus for splicing a web of sheet material to a moving web. 3,172,613, 3–9–65, Cl. 242—58.2.

Simons, Robert M.: *See*—
Von Bramer, Paul T., and Simons. 3,173,888.
Simons, William R., to Smiths America Corp. Gyroscopes. 3,214,980, 11–2–65, Cl. 74—5.
Simonsen, Carl G. Brassiere. 3,164,154, 1–5–65, Cl. 128—486.
Simonsen, Carl G. Brassiere. 3,164,155, 1–5–65, Cl. 128—486.
Simonson, Anthony J., to Thiokol Chemical Corp. Mortar compositions. 3,198,644, 8–3–65, Cl. 106—93.
Simonson, Anthony J., and D. H. Packer, to Thiokol Chemical Corp. Terrazzo repair process. 3,224,346, 12–21–65, Cl. 94—22.
Simon-Suisse, Jean C., to Societe de Prospection Electrique Schlumberger, S.A. Pressure transducers. 3,199,355, 8–10–65, Cl. 73—398.
Simonton, Robert D., to Union Carbide Corp. Resiliently jacketed battery assembly. 3,220,886, 11–30–65, Cl. 136—132.
Simonton, Robert D., to Union Carbide Corp. Apparatus and method for producing closures in battery containers. 3,221,-403, 12–7–65, Cl. 29—511.
Simon-Vermot, Andre: *See*—
Tuetey, Paul, and Simon-Vermot. 3,187,416.
Simoons, Johan R. A., to Koninklijke Pharmaceutische Fabrieken v/h Brocades-Stheeman & Pharmacia, N.V. Apparatus for determining the release rate of drugs, with protracted or delayed action, or of other such substances. 3,192,774, 7–6–65, Cl. 73—432.
Simpelaar, Clyde S., to Modine Mfg. Co. Radiator tube protector. 3,190,352, 6–22–65, Cl. 165—134.
Simpelaar, Clyde S., to Modine Mfg. Co. Fin and tube type heat exchanger. 3,223,153, 12–14–65, Cl. 165—152.
Simpkin, John A., and E. T. Brown, to Union Carbide Corp. Electrode holder. 3,198,870, 8–3–65, Cl. 13—16.
Simpkin, Kenneth H., to General Precision Systems Ltd. Electromagnetic indicators or readout devices. 3,197,765, 7–27–65, Cl. 340—348.
Simpkins, Alan B., and R. H. Hamilton, to Hewlett-Packard Co. Ultrasonic vibration detector. 3,222,635, 12–7–65, Cl. 340—15.
Simpkins, Alan B., and R. H. Hamilton, to Hewlett-Packard Co. Vibration detector. 3,192,516, 6–29–65, Cl. 340—242.
Simpkiss, John O., Jr., to Radio Corp. of America. Method for preparing ferrite core. 3,178,369, 4–13–65, Cl. 252—62.5.
Simplex Forms Systems, Inc.: *See*—
Hoffman, Robert G. 3,167,840.
Simplex Nail & Mfg. Corp.: *See*—
Maginnis, Robert J. 3,177,753.
Owen, Charles. 3,188,904.
Simplex Wire and Cable Co.: *See*—
Behnke, George W., Westcott, and Wirth. 3,170,645.
Munn, Paul S., Hutchins, and Ross. 3,168,614.
Simplicity Engineering Co.: *See*—
Behnke, George W. 3,186,547.
Simplicity Mfg. Co.: *See*—
Kamlukin, Igor. 3,187,821.
Simpson, Anthony W., to The Plessey Co. Ltd. Permeability tuners. 3,196,374, 7–20–65, Cl. 336—130.
Simpson, Arthur I. F., to Modern Telephones (Great Britain) Ltd. Two-way telephone systems with talk-listen switching. 3,189,691, 6–15–65, Cl. 179—81.
Simpson, Darwin L. Vehicle speed control and braking apparatus. 3,202,014. 8–24–65, Cl. 74—664.
Simpson, Earle E.: *See*—
Kelley, John J., and Simpson. 3,207,504.
Nowell, Winford T., and Simpson. 3,209,792.
Simpson, Forrest L., to International Harvester Co. Flexible cotton picker spindle. 3,164,941, 1–12–65, Cl. 56—50.
Simpson, Frank S., to Illinois Stoker Co. Travelling grates for incinerators. 3,198,146, 8–3–65, Cl. 110—40.
Simpson, Frank S., to Illinois Stoker Co. Refuse incinerator. 3,200,776, 8–17–65, Cl. 110—15.
Simpson, George R., to American Optical Co. Double end pumped optical maser structure using immersion optics. 3,196,366, 7–20–65, Cl. 331—94.5.
Simpson, George R., to American Optical Co. Optical coupling means for lasers. 3,210,688, 10–5–65, Cl. 331—94.5.
Simpson, Gertrude H.: *See*—
Simpson, Howard W. 3,217,563.
Simpson, Henry A. Device for automatically turning on lights of automotive vehicles. 3,201,644, 8–17–65, Cl. 315—83.
Simpson, Herbert, Corp.: *See*—
Kauffman, John H. 3,197,260.
Kauffman, John H. 3,197,261.
McIlvaine, Robert L. 3,194,543.
McIlvaine, Robert L. 3,204,302.
Simpson, Howard W., deceased, by G. H. Simpson, and The Detroit Bank and Trust Co., co-trustees. Duplex gear transmission and hydrodynamic drive combination. 3,217,-563, 11–16–65, Cl. 74—688.
Simpson, Jack N., and W. R. Bohner, to The Electric Storage Battery Co. Ear protector attachment in combination with a safety cap. 3,197,785, 8–3–65, Cl. 2—3.
Simpson, James R.: *See*—
Davies, David O., and Simpson. 3,179,356.
Simpson, Justin, to Continental Can Co., Inc. Can turning device. 3,187,876, 6–8–65, Cl. 198—33.
Simpson, Justin, and J. S. Bozek, to Continental Can Co., Inc. Pull tab. 3,215,306, 11–2–65, Cl. 220—54.
Simpson, Murray: *See*—
Blass, Judd, Buyer, Shubel, and Simpson. 3,214,755.
Simpson, Peter, G. F. G. Clough, and K. H. Todhunter, to Simon-Carves Ltd. Treatment of waste acid liquor. 3,167,-390, 1–26–65, Cl. 23—100.
Simpson, Philip R., to United Kingdom Atomic Energy Authority. Plate-type nuclear fuel elements. 3,173,843, 3–16–65, Cl. 176—78.
Simpson Pope Ltd.: *See*—
Swift, David J. 3,200,808.
Simpson, Ralph E.: *See*—
Nichols, William A., and Simpson. 3,221,583.
Simpson, Reginald. Herring leader inserter. 3,193,962, 7–13–65, Cl. 43—4.
Simpson, Robert F., to The Monarch Rubber Co. Method of making rubber bushings. 3,199,186, 8–10–65, Cl. 29—450.
Simpson, Robert J., to Dominion Engineering Works, Ltd. Lubricating system. 3,221,839, 12–7–65, Cl. 184—6.
Simpson, Robert L. Vent means to vary buoyancy of a flush valve. 3,165,756, 1–19–65, Cl. 4—57.
Simpson, Theodore B.: *See*—
Steiner, Robert H., Simpson, and Hammond. 3,222,191.
Simpson, Theodore B., and F. W. Evans, to Hooker Chemical Corp. Halogen saturation of non-terminal double bond. 3,225,109, 12–21–65, Cl. 260—653.7.
Simpson Timber Co.: *See*—
Phillips, Robert C. 3,217,918.
Simpson, Victor R.: *See*—
Furman, Frank J., and Simpson. 3,185,818.
Simpson, Walter M., to Seven E. Corp. Walker and lifting device. 3,189,345, 6–15–65, Cl. 272—70.4.
Simpson, Walter M. Carrying device. 3,202,309, 8–24–65, Cl. 215—100.
Simpson, Warren C.: *See*—
Preiss, Donald M., and Simpson. 3,215,649.
Sawyer, Webster M., Jr., Simpson, and Ronay. 3,215,646.
Simpson, William F., to General Electric Co. Lever operated switch actuated by a speed responsive mechanism of a dynamoelectric machine. 3,209,093, 9–28–65, Cl. 200—80.
Simpson, William G. Apparatus for use in collating printed sheets. 3,214,161, 10–26–65, Cl. 270—58.
Sims, Chester T., J. W. Clark, and E. S. Jones, to General Electric Co. Chromium base alloys. 3,174,853, 3–23–65, Cl. 75—176.
Sims, Clark D.: *See*—
Mount, Keith B., and Sims. 3,203,587.
Sims, Claude C., to United States of America, Navy. Noise measurement hydrophone. 3,217,288, 11–9–65, Cl. 340—10.
Sims, Claude C., to United States of America, Navy. Underwater sound transducer with resonant gas bubble. 3,219,-970, 11–23–65, Cl. 340—8.
Sims, Danton F. Protective device. 3,189,917, 6–22–65, Cl. 2—3.
Sims, Darrell L., to Eastman Oil Well Survey Co. Whipstock engaging and releasing device. 3,215,204, 11–2–65, Cl. 166—117.5.
Sims, Edward H., L. Sneesby, and W. S. Soutar, to The National Cash Register Co. Reciprocable-handle-actuated full cycle driving mechanism. 3,202,020, 8–24–65, Cl. 74—812.
Sims, James G.: *See*—
Barlow, Paul D., and Sims. 3,204,289.
Sims, James G., to Monsanto Co. Process for the manufacture of spinnerets for melt spinning. 3,174,364, 3–23–65, Cl. 76—107.
Sims, Jannice. Artist's compact palette. 3,186,539, 6–1–65, Cl. 206—1.8.
Sims, Jesse R. Emergency electrical power outlet unit. 3,202,977, 8–24–65, Cl. 340—252.
Sims, John C., Jr., to Sperry Rand Corp. Multiple channel magnetic transducer. 3,221,314, 11–30–65, Cl. 340—174.1.
Sims, John J.: *See*—
Blackman, Calvin C., Sims, and Jelinek. 3,218,000.
Sims, John J., and R. D. Tengler, to Lee Wilson Engineering Co., Inc. Solid seal for inner covers. 3,179,394, 4–20–65, Cl. 263—49.
Sims, John L.: *See*—
Bashore, Clinton E., Maes, and Sims. 3,209,288.
Sims, Leslie L., to Ethyl Corp. Stable solvent composition. 3,189,552, 6–15–65, Cl. 252—153.
Sims, Raymond B.: *See*—
Briggs, Peter R. A., and Sims. 3,180,995.
Ludbrook, Leslie C., and Sims. 3,186,201.
Sims, Raymond B., to Davy and United Engineering Co. Ltd. Rolling mills. 3,169,423, 2–16–65, Cl. 80—38.
Sims, Raymond B., to Davy and United Engineering Co. Ltd. Processing of metal. 3,182,174, 5–4–65, Cl. 219—101.
Sims, Raymond B., to Davy and United Engineering Co. Ltd. Control system for temper rolling mills. 3,183,693, 5–18–65, Cl. 72—19.
Sims, Raymond B., and B. I. Bathory, to Davy and United Engineering Co. Ltd. Tension looper system. 3,169,422, 2–16–65, Cl. 80—35.
Sims, Raymond B., and D. G. Bloomfield, to Davy and United Engineering Co. Ltd. Rolling mills. 3,171,304, 3–2–65, Cl. 80—1.
Sims, Samuel E., W. A. Northington, W. Toole, and J. R. Milam, to United States of America, Air Force. Method for projectile velocity measurement. 3,215,932, 11–2–65, Cl. 324—70.
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Sixsmith, Herbert, to United States of America, Commerce. Combined electromagnetic and electromechanical power converter. 3,224,818, 12–21–65, Cl. 308—10.
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Skala, George F., and T. A. Rich, to General Electric Co. Single phototube stabilized condensation nuclei meter. 3,203,-309, 8–31–65, Cl. 88—14.
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Skau, Evald L., R. R. Mod, and F. C. Magne, to United States of America, Agriculture. Vinyl chloride resins and butadiene rubbers with N-acyl derivatives of cyclic imines. 3,219,612, 11–23–65, Cl. 260—30.2.

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Skau, Evald L., R. R. Mod, and F. C. Magne, to United States of America, Agriculture. N-oleoyl-2-ethylethylenimine. 3,219,659, 11–23–65, Cl. 260—239.

Skau, Evald L., R. R. Mod, and F. C. Magne, to United States of America, Agriculture. N-acyl derivatives of cyclic imines. 3,222,203, 12–7–65, Cl. 106—316.

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Skeist, Irving, R. F. Martel, and W. R. Kuebler, to Gillespie-Rogers-Pyatt Co., Inc. Shellac-hydroxamic acid compositions. 3,216,842, 11–9–65, Cl. 106—236.

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Skirow, Nathan and B. A. Glass storage container and carrier. 3,217,771, 11–16–65, Cl. 150—52.

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Fertig, Joseph, Goldberg, and Skoultchi. 3,190,861.
Fertig, Joseph, Skoultchi, and Goldberg. 3,173,893.
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Skoultchi, Martin M., A. I. Goldberg, and J. Fertig, to National Starch and Chemical Corp. Ethylenically unsaturated esters of azobenzene. 3,190,874, 6–22–65, Cl. 260—196.
Skoultchi, Martin M., A. I. Goldberg, and J. Fertig, to National Starch and Chemical Corp. Ethylenically unsaturated ethers of azobenzene. 3,190,875, 6–22–65, Cl. 260—196.
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Slade, Albert E., to Arthur D. Little, Inc. Superconductive control device. 3,166,738, 1–19–65, Cl. 340—173.1.
Slade, Albert E. Superconductive memory. 3,222,655, 12–7–65, Cl. 340—173.1.
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Slagley, William E., and C. F. Kirkland, to Inland Steel Co. Blast furnace stockline wearing plates. 3,202,407, 8–24–65, Cl. 266—25.
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Slaman, Albert, and A. Gualtieri. Multi-pane window panels. 3,191,240, 6–29–65, Cl. 20—40.5.
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Slaten, John M., and C. L. Waal; said Waal assor. to said Slaten. Vein stripper. 3,185,155, 5–25–65, Cl. 128—303.
Slater, Arthur B., to Raytheon Co. Continuous wave radar systems. 3,189,899, 6–15–65, Cl. 343—14.
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Slater, Saul I. 3,215,769.
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Slater, Ernest R., to Shell Oil Co. Crammer feeder for extruder. 3,183,553, 5–18–65, Cl. 18—12.
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Slater, Ian G., and O. P. Nicholson. Lubricant for use in the hot extrusion of metals and metal alloys. 3,180,828, 4–27–65, Cl. 252—28.
Slater, John M., and R. B. Horsfall, Jr., to North American Aviation, Inc. Inertial guidance system using vehicle fixed inertial elements. 3,164,340, 1–5–65, Cl. 244—77.
Slater, Saul I., to Slater Electric Inc. Light dimming switch. 3,173,031, 3–9–65, Cl. 307—146.
Slater, Saul I., to Slater Electric Inc. Cast weatherproof electrical outlet box with stacked end plates for mounting electrical wiring devices. 3,215,769, 11–2–65, Cl. 174—55.
Slater, Saul I., to Slater Electric Inc. Semiconductor diode construction with heat dissipating housing. 3,217,213, 11–9–65, Cl. 317—234.
Slatin, Harvey L., to Timax Associates. Apparatus for programming and automation. 3,178,716, 4–13–65, Cl. 346—33.
Slator, Damon T., and H. A. Baugh, to Bowen Tools, Inc. Apparatus for feeding tubing or other objects. 3,182,877, 5–11–65, Cl. 226—172.
Slattery, Donald W. Geophysical survey systems using polarized electromagnetic waves. 3,168,694, 2–2–65, Cl. 324—6.
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Slaughter, William L., to The Crane & Breed Casket Co. Resilient liner strip and burial casket construction. 3,218,-688, 11–23–65, Cl. 27—19.
Slavens, Wayne E., to Deere & Co. Corn harvester. 3,192,-694, 7–6–65, Cl. 56—106.
Slavic, Fred M., to Flexitron Co. Press for web printing having intermittent paper feeding means. 3,204,556, 9–7–65, Cl. 101—228.
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Slawsky, Stanley M., to General Precision, Inc. Peak signal detector having automatic means to indicate the maximum amplitude and its time of occurrence. 3,209,256, 9–28–65, Cl. 324—103.
Slawsky, Zaka I., and S. J. Raff, to United States of America, Navy. Correlation sonobuoy system and method. 3,183,-478, 5–11–65, Cl. 340—2.
Slawson, Richard S., to George W. Dahl Co., Inc. SCR supply for reversible motor system. 3,183,425, 5–11–65, Cl. 318—227.
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Slaymaker, Robert R., C. B. Small, and F. C. Kelly, to Clevite Corp. Cyclicly operating piezoelectric voltage source. 3,211,949, 10–12–65, Cl. 315—55.
Slaymaker, Stephen C., and M. Nager, to Shell Oil Co. Combination process for upgrading light olefins. 3,180,819, 4–27–65, Cl. 208—65.
Slayman, Charles J., to General Electric Co. Method of manufacturing a refrigerator cabinet. 3,177,271, 4–6–65, Cl. 264—45.
Slayter, Games, to Owens-Corning Fiberglas Corp. Polyphase materials. 3,167,427, 1–26–65, Cl. 75—201.
Slayter, Games, to Owens-Corning Fiberglas Corp. Cast manifold with liner. 3,173,451, 3–16–65, Cl. 138—145.
Slayter, Games, W. L. Morgan, R. G. Russell, and L. F. Scheffler, to Owens-Corning Fiberglas Corp. Catalytic muffling system for reducing contaminants in exhaust gases. 3,166,895, 1–26–65, Cl. 60—29.
Slayter, Games, H. H. Snow, R. G. Russell, and D' Kleist, to Owens-Corning Fiberglas Corp. Apparatus for processing heat-softenable materials. 3,177,058, 4–6–65, Cl. 65—15.
Slayter, Games, and R. M. Woodward, to Owens-Corning Fiberglas Corp. Method of producing a lamellar metal structure. 3,206,846, 9–21–65, Cl. 29—470.
Slayter, Games, R. W. Soltis, and A. E. Hall, to Owens-Corning Fiberglas Corp. Glass foam. 3,207,588, 9–21–65, Cl. 65—21.
Slechta, Henry C., to Western Electric Co., Inc. Self-supporting cable. 3,207,836, 9–21–65, Cl. 174—41.
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Sleeper, George B., Jr., and J. E. Drake, to Technical Appliance Corp. Parabolic antenna with splash plate and V-shaped dipole feed for pattern uniformity. 3,192,528, 6–29–65, Cl. 343—809.
Sleeter, Edward B., to Marathon Electric Mfg. Corp. Squirrel cage rotor. 3,164,736, 1–5–65, Cl. 310—211.
Sleeth, Rhule B., and H. P. Furgal, to Armour and Co. Method of coating freeze-dried meat. 3,165,416, 1–12–65, Cl. 99—169.
Sleeth, Rhule B., and J. F. Campbell, to Armour and Co. Tenderization of meat. 3,166,423, 1–19–65, Cl. 99—107.
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Fredley, James C., and Sleighter. 3,223,549.
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Sleighter, George E., and J. S. Zabetakis, to Pittsburgh Plate Glass Co. Method and apparatus for optically detecting elongated defects in glass. 3,199,401, 8–10–65, Cl. 88—14.
Slemmons, Arthur J., to FMC Corp. Rotary mower and grass catcher. 3,192,692, 7–6–65, Cl. 56—25.4.
Slenker, Stephen A. Spring clip fastener. 3,188,605, 6–8–65, Cl. 339—213.
Slenker, Stephen A., to Piconics, Inc. Tunable inductor. 3,223,952, 12–14–65, Cl. 336—136.
Slepian, David, to Bell Telephone Laboratories. Permutation code signaling. 3,196,351, 7–20–65, Cl. 325—41.
Sletten, Carlyle J., to United States of America, Air Force. Amplitude scanning of an antenna array on receiving. 3,175,156, 3–23–65, Cl. 325—180.
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Slezak, Frank B., to Diamond Alkali Co. Carboxy and carboxymethyl glucolurils and process. 3,187,005, 6–1–65, Cl. 260—309.7.
Slezak, Frank B., I. Rosen, and C. A. Neros, to Diamond Alkali Co. Halogenated glycolurils. 3,165,521, 1–12–65, Cl. 260—256.4.
Slezak, Frank B., and R. M. Bimber, to Diamond Alkali Co. Biologically active applications of hexachloro-trithianetetroxide and trimethyl-trithiane-dioxide. 3,171,778, 3–2–65, Cl. 167—33.
Slezak, Frank B., and H. Bluestone, to Diamond Alkali Co. Halogenated alkyl and aryl substituted glycolurils. 3,187,-004, 6–1–65, Cl. 260—309.7.
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Slifka, Joseph P., and P. N. Yuonu to Extrusion Dies, Inc. Extrusion die. 3,190,107, 6–22–65, Cl. 72—468.
Slijkhuis, Herman, to Algemene Kunstzijde Unie N.V. Warping machine. 3,211,395, 10–12–65, Cl. 242—129.6.
Sliman, Michael T. Alarm system. 3,192,518, 6–29–65, Cl. 340—280.
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Slingluff, Eugene, to Sunlite Plastics, Inc. Take-apart toy propeller. 3,176,428, 4–6–65, Cl. 46—17.
Slingluff, Thomas J., to H. H. Robertson Co. Electrical ducts with access cups. 3,181,277, 5–4–65, Cl. 50—127.
Slinker, Virgil J. Indexing mechanism. 3,186,246, 6–1–65, Cl. 74—128.
Sliter, Donald D., to International Business Machines Corp. Data recording apparatus. 3,183,516, 5–11–65, Cl. 346—74.
Sloan, Arthur W.: *See*—
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Sloan, Carroll D., to Westinghouse Electric Corp. Magnetic separator. 3,209,912, 10–5–65, Cl. 209—223.
Sloan, Charles H. Water softener. 3,174,623, 3–23–65, Cl. 210—285.
Sloan, Edward C. Marine equipment protective device. 3,220,374, 11–30–65, Cl. 115—.5.
Sloan, Edward C., and W. B. Ahern, deceased, by The First National Bank of Madison, Wis., executor, to Oscar Mayer & Co., Inc. Continuous manufacture of small smoked sausages. 3,170,797, 2–23–65, Cl. 99—109.
Sloan, Edward C., A. H. Eberman, and H. A. Jensen, to Oscar Mayer & Co., Inc. Method and apparatus for forming a package. 3,189,505, 6–15–65, Cl. 156—244.
Sloan, Edward C., A. H. Eberman, and H. A. Jensen, to Oscar Mayer & Co., Inc. Packaging apparatus. 3,195,288, 7–20–65, Cl. 53—140.
Sloan, Edward C., E. Schmook, Jr., W. D. Paynter, and E. W. Kielsmeier, to Oscar Mayer & Co., Inc. Method and apparatus for forming a sausage meat product. 3,203,807, 8–31–65, Cl. 99—109.
Sloan, Frederick R. W., and J. L. Spencer-Smith, to Whitecraft Industrial Holdings Ltd. Process for production of crossed-linked cellulosic yarns. 3,224,182, 12–21–65, Cl. 57—157.
Sloan, Gerald, to Exquisite Form Industries, Inc. Undergarment. 3,220,410, 11–30–65, Cl. 128—159.
Sloan, John A. O. Mechanical banjo head tighteners. 3,215,-019, 11–2–65, Cl. 84—269.
Sloan, John D., to Rex Chainbelt Inc. Conveyor chain and attachment. 3,174,616, 3–23–65, Cl. 198—189.
Sloan, Laurence W. Work holding and feeding device for table saws. 3,216,718, 11–9–65, Cl. 269—53.
Sloan, Paul H., B. W. Schaeffer, and O. E. Mowery, deceased (by G. M. Davis, administratrix), to Kirsch Co. Ball bearing assembly and method of manufacturing same. 3,212,-833, 10–19–65, Cl. 308—195.
Sloan, Roy R., to Fox Industries, Inc. Rolling mill guides. 3,225,577, 12–28–65, Cl. 72—12.
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Sloan, Walter J.: *See*—
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Sloan, William R., to International Telephone and Telegraph Corp. Character generating tube. 3,181,026, 4–27–65, Cl. 315—8.5.
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Slobodzinski, Edwin J., to International Business Machines Corp. Two terminal device switching circuit employing a single clock. 3,205,371, 9–7–65, Cl. 307—88.5.
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Lyon, Thomas F., and Slocum. 3,214,711.
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Schiff, Daniel, and Slocum. 3,174,705.
Slone, Howard I. *See*—
Barcus, Edward L., and Slone. 3,198,892.
Slonczewski, John C., to International Business Machines Corp. Magnetic storage elements. 3,175,201, 3–23–65, Cl. 340—174
Slonneger, Bruce K., to Texas Instruments Inc. Thermal protector for electrical translating devices. 3,183,383, 5–11–65, Cl. 310—68.
Slonneger, John L., to General Electric Co. Current and temperature snap acting devices. 3,192,346, 6–29–65, Cl. 200—138.
Slonneger, John L., to General Electric Co. Ratchet switch device employing spring means which applies tension and torsion to a pivoted armature. 3,207,873, 9–21–65, Cl. 200—105.
Slonneger, John L., to General Electric Co. Thermal device having rotatable heater and flexing actuator. 3,210,502, 10–5–65, Cl. 200—122.
Sloop, Clifford E. Transformer mounting base assembly. 3,185,424, 5–25–65, Cl. 248—205.
Sloop, Clifford E. Terminal for a meter socket. 3,195,099, 7–13–65. Cl. 339—113.
Sloop, Clifford E. Ringless socket meter box. 3,198,876, 8–3–65, Cl. 174—52.
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Slough, Jack M., 50% to James G. De Flon. Spirally-finned heat exchanger. 3,177,937, 4–13–65, Cl. 165—184.
Sloughter, William J., to Schlumberger Well Surveying Corp. Signal processing systems. 3,181,117, 4–27–65, Cl. 340—18.
Slovenkai, Stephen V., to United States Rubber Co. Thermoplastic composition comprising a resinous styrene-acrylonitrile-methacrylic acid terpolymer and a rubbery butadiene-acrylonitrile-methacrylic acid terpolymer. 3,188,365, 6–8–65, Cl. 260—893.
Slover, James W., to Phillips Petroleum Co. Recovery of oils. 3,175,969, 3–30–65, Cl. 208—187.
Sloves, Jacob, to Sloves Mechanical Binding Co., Inc. Combined book and easel structures. 3,210,094, 10–5–65, Cl. 281—33.
Sloves, Matthew M., to Sloves Mechanical Binding Co., Inc. Book construction. 3,220,752, 11–30–65, Cl. 281—33.
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Slowinski, Robert H., and J. A. Dawdy, to National Gypson Co. Wall supporting and fastening means. 3,214,875, 11–2–65, Cl. 52—364.
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Sluhan, Clyde A., to Master Chemical Corp. Aqueous cutting fluid. 3,186,946, 6–1–65, Cl. 252—49.3.
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Schippers, Karl H., and Sluijters. 3,206,170.
Sluijters, Robert, to American Enka Corp. Mixer. 3,182,965, 5–11–65, Cl. 259—4.
Slusher, William E., to Transitron Electronic Corp. Semiconductor device having turn on and turn off gain. 3,207,962, 9–21–65, Cl. 317—234.
Slusher, William E., and S. Karandanis, to Transitron Electronic Corp. Semi-conductor circuit. 3,178,633, 4–13–65, Cl. 323—22.
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Slyngstad, Charles E., and F. L. Lempert, to Pullman Inc. Means for converting hydrocarbons. 3,188,185, 6–8–65, Cl. 23—288.
Slyngstad, Charles E., and F. L. Lempert, to Pullman Inc. Desulfurization product recovery process. 3,206,395, 9–14–65, Cl. 208—353.
Smale, Charles H., to General Motors Corp. Jet engine exhaust. 3,210,934, 10–12–65, Cl. 60—35.6.
Small, Augustus B., B. M. Vanderbilt, and J. P. Simko, Jr., to Esso Research and Engineering Co. Process for coating a reinforcing element with a polyfunctional monomer, applying a resinifiable mixture and laminating. 3,207,641, 9–21–65, Cl. 156—172.
Small, Benjamin. Building structure. 3,204,373, 9–7–65, Cl. 52—90.
Small, Bernard I., to United States of America, Navy. Electronically scanned array with diode controlled delay network. 3,192,530, 6–29–65, Cl. 343—854.
Small, Bernard I., and J. H. Jensen, said Small assor. to United States of America, Navy. Method of making a dish-shaped antenna reflector. 3,169,311, 2–16–65, Cl. 29—527.
Small, Charles B.: *See*—
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Small, Charles B., and A. J. Janik, to The Ridge Tool Co. Tube bender. 3,194,038, 7–13–65, Cl. 72—35.
Small, Charles B., J. W. Meese, and H. H. Frank, to The Ridge Tool Co. Apparatus for cutting pipe. 3,221,962, 12–7–65, Cl. 225—103.
Small, Charles R., to Socony Mobil Oil Co., Inc. Automotive diagnostic system with automatic ventilation. 3,207,055, 9–21–65, Cl. 98—33.
Small, Charles S., and W. J. Noveske, to The Ridge Tool Co. Sliding jaw wrench having a nut fulcrum positioned by spring means. 3,211,030, 10–12–65, Cl. 81—101.
Small, George R., and W. E. Beck, to Bruce Peebles & Co., Ltd. Junction device for electrical cables. 3,187,292, 6–1–65, Cl. 339—94.
Small, Hamish, to The Dow Chemical Co. Non-agglomerating mixed bed ion exchange resins and products thereof. 3,168,486, 2–2–65, Cl. 260—2.1.
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Small, Robert F.: *See*—
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Small, Samuel N., to A. G. Cohen and P. Weiss. Tiltable support for umbrellas. 3,164,160, 1–5–65, Cl. 135—46.
Small, Samuel N., to A. G. Cohen, and P. Weiss. Tiltable umbrella having gear rack operating means. 3,182,673, 5–11–65, Cl. 135—46.
Small, Samuel N. Preassembled unitary toilet room. 3,209,371, 10–5–65, Cl. 4—3.
Small, Sollie W., and D. Herman, to Coffee-Mat Corp. Apparatus for forming and dispensing filter elements in devices for brewing and dispensing beverages. 3,221,587, 12–7–65, Cl. 83—271.
Small, Sollie W., and D. Herman, to Coffee-Mat Corp. Apparatus for brewing and dispensing beverages. 3,221,637, 12–7–65, Cl. 99—289.
Small, Sollie W., and D. Herman, to Coffee-Mat Corp. Liquid dispensing device. 3,221,933, 12–7–65, Cl. 222—21.
Small, Sollie W., and D. Herman, to Coffee-Mat Corp. Water storing and heating apparatus in devices for brewing and dispensing beverages. 3,222,500, 12–7–65, Cl. 219—328.
Smaller, Philip, to Ampex Corp. Magnetic storage medium for magneto-optical readout. 3,171,754, 3–2–65. Cl. 117—71.
Smaller, Philip, to Ampex Corp. Magnetic recording heads with monitor of recorded signal. 3,187,111, 6–1–65, Cl. 179—100.2.
Smalley, Karl K., W. G. Strohm, and H. S. Yourke, to International Business Machines Corp. Tunnel diode NOT circuits. 3,221,179, 11–30–65, Cl. 307—88.5.
Smalley, Ned J., to Owens-Illinois Glass Co. Dispensing closure having resilient fingers. 3,189,222, 6–15–65, Cl. 221—220.
Smalley, Ned J., to Owens-Illinois Glass Co. Liquid applicator. 3,220,044, 11–30–65, Cl. 15—565.
Smallian, Robert J. Wear resistant wire screen. 3,175,792, 3–30–65, Cl. 245—8.
Smallman, Carl R., to Arthur D. Little, Inc. Metal stencils and process for making them. 3,202,094, 8–24–65, Cl. 101—128.2.
Smallman, Carl R., and A. G. Emslie, to Arthur D. Little, Inc. Multi-stable superconductive electric circuit. 3,188,488, 6–8–65, Cl. 307—88.5.
Smallpeice, Cosby D. P., ½ to Nuquip Ltd. Float for use in a pressurised chamber. 3,203,245, 8–31–65, Cl. 73—322.5.
Smallpeice, Cosby D. P., to Martonair Ltd. Annular sealing ring control valve. 3,216,451, 11–9–65, Cl. 137—608.
Smalter, Donald J., to International Minerals & Chemical Corp. Fertilizer suspension comprising phosphate rock and nitrogen-containing liquid. 3,206,298, 9–14–65, Cl. 71—49.
Smarook, Walter H., to Union Carbide Corp. Cold-formable splints. 3,176,685, 4–6–65, Cl. 128—90.
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Smart, Charles L., V. S. Salvin, and J. R. Adams, Jr., to Celanese Corp. of America. Blends of a vinylidene cyanide polymer and a polyalkylene glycol or derivative thereof. 3,206,420, 9–14–65, Cl. 260—23.
Smart, Clyde A. Reciprocating pump. 3,199,457, 8–10–65, Cl. 103—38.

Smart, David L.: *See*—
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Smart, Desmond, to C. A. Parsons & Co. Ltd. Apparatus for determining the coefficient of thermal expansion of solids. 3,192,763, 7–6–65, Cl. 73—16.
Smart, John, to Sir Howard Grubb Parsons & Co. Ltd. Infra-red gas analyser. 3,193,676, 7–6–65, Cl. 250—43.5.
Smart, Raymond C. Vertical lift aircraft. 3,185,410, 5–25–65, Cl. 244—17.23.
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Smathers, Donald L.: *See*—
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Smathers, Donald L., to E. I. du Pont de Nemours and Co. Synthesis of 3-aryl-1 methyl-1-methoxy ureas. 3,213,121, 10–19–65, Cl. 260—453.
Smatko, Joseph S., to Hoffman Electronics Corp. Rechargeable battery cells. 3,214,296, 10–26–65, Cl. 136—6.
Smeal, Donald L., to L. R. Nelson Mfg. Co., Inc. Mechanism for steering a vehicle in an agriculture field. 3,181,478, 5–4–65, Cl. 104—244.1.
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Hubbard, Winchester L., Smith, and Covey. 3,179,685.
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Smith, Arthur, P. Lacoppola, and J. S. Dougherty, to General Bronze Corp. Anchors for metal windows. 3,184,016, 5–18–65, Cl. 189—75.
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Smith, Cloyd D. Mechanical interlock for double doors. 3,174,193, 3–23–65, Cl. 20—16.
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Smith, Dayle R., to Honeywell Inc. Differential amplifier bias circuit. 3,182,269, 5–4–65, Cl. 330—19.
Smith, Dean F. Rotary tumbler. 3,167,890, 2–2–65, Cl. 51—164.
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Smith, Donald B., to Heywood-Wakefield Co. of Canada Ltd. Adjustable and removable canopy for baby carriage. 3,191,958, 6–29–65, Cl. 280—36.
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Smith, Donald P., R. A. Zuercher, W. R. Luck, Jr., W. E. Hultsman, and L. D. Cook, to Applied Developments Inc. of Texas. Method and machine for wrapping continuously moving products with a flexible overwrap. 3,222,844, 12–14–65, Cl. 53—32.
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Smith, Earl K., to Hart Heat, Inc. Dribble vaporizer for an oil burner nozzle. 3,190,342, 6–22–65, Cl. 158—76.
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Smith, Edward M., to Trymac Corp. Plug valve with improved expandable plug. 3,193,244, 7–6–65, Cl. 251—161.
Smith, Edward P., to Illinois Railway Equipment Co. Car construction. 3,170,740, 2–23–65, Cl. 308—137.
Smith, Edward W. Vibrating ball mill method and apparatus. 3,215,354, 11–2–65, Cl. 241—30.
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Smith, Edwin J., and E. P. Spencer, to National Steel Corp. Steel foil and manufacture. 3,214,820, 11–2–65, Cl. 29—18.
Smith, Edwin J., M. G. Vucich, and L. W. Austin, to National Steel Corp. Continuous electroplating apparatus. 3,226,315, 12–28–65, Cl. 204—206.
Smith, Edwin S., and J. E. Sell, to The Goodyear Tire & Rubber Co. Preparation of high solids vinyl chloride polymer latex. 3,226,350, 12–28–65, Cl. 260—29.6.
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Smith, Eric, to Olin Mathieson Chemical Corp. Organic isocyanates stabilized with dinitrogen compounds. 3,226,414, 12–28–65, Cl. 260—453.
Smith, Eric, to Olin Mathieson Chemical Corp. Stabilized organic isocyanates. 3,226,415, 12–28–65, Cl. 260—453.
Smith, Eric, and T. Scholes, to D.S.T. Pattern and Engineering Co. Ltd. Doctor knives. 3,163,878, 1–5–65, Cl. 15—256.51.
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Smith, Ernest L., and A. R. Duffy, to Texas Eastern Transmission Corp. Cryogenic storage tank. 3,196,622, 7–27–65, Cl. 62—45.
Smith, Ernest L., L. Mervyn, and V. M. Clark, to Glaxo Group Ltd. Cobamide derivatives. 3,213,082, 10–19–65, Cl. 260—211.5.
Smith, Elroy C., Jr., and J. L. Thomas, to North American Aviation, Inc. Multiplexing circuit with feedback to a constant current source. 3,194,985, 7–13–65, Cl. 307—88.5.
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Smith, Francis M., to Gulf Research & Revelopment Co. Ignition of fuels below the surface of the ground. 3,172,472, 3–9–65, Cl. 166—38.
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Smith, Francis M., to Gulf Research & Development Co. Consolidation of incompetent subsurface formations. 3,217,800, 11–16–65, Cl. 166—25.
Smith, Francis P. Coasting vehicle steered by tiltable rider supporting means. 3,226,130, 12–28–65, Cl. 280—22.
Smith, Francis R. Magnetic tape transducing apparatus. 3,177,299, 4–6–65, Cl. 179—100.2.
Smith, Frank B., Jr., and S. G. McNeil. Combination golf ball carrier and dispenser. 3,206,067, 9–14–65, Cl. 221—281.
Smith, Frank E. Apparatus for the electrolytic production of high-purity iron. 3,192,145, 6–29–65, Cl. 204—234.
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Smith, Frank R., and J. D. Hopkins, to Walker Mfg. Co. Pipe holder. 3,171,178, 3–2–65, Cl. 24—253.
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Smith, Frederic R., and E. A. Snidar, to O. & S. Bearing & Mfg. Co. Ball joint. 3,216,754, 11–9–65, Cl. 287—87.
Smith, Frederick A., to Union Carbide Corp. Organosiloxane compositions containing alkoxydisilanes as room temperature cross-linking agents. 3,165,494, 1–12–65, Cl. 260—37.
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Smith, Gail D., to United States of America, Navy. D.C. regulated power supply employing means for adjusting the input in response to output voltages variations. 3,207,973, 9–21–65, Cl. 321—18.
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Smith, Genevieve M., ⅓ to Sacred Heart Hospital. Swinging sling. 3,199,509, 8–10–65, Cl. 128—94.
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Smith, George E., and R. Chantler, to Egerton Smith Engineers Ltd. Control devices. 3,215,921, 11–2–65, Cl. 318—475.
Smith, George E. P., Jr., to The Firestone Tire & Rubber Co. N-(propynyl)-2-(thiazole)sulfenamides as rubber accelerators. 3,223,684, 12–14–65, Cl. 260—79.5.
Smith, George H., and R. E. Armstrong, Jr., to Union Carbide Corp. Burner apparatus for refining metals. 3,175,-817, 3–30–65, Cl. 266—34.
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Smith, George W. Molded article. 3,186,118, 6–1–65, Cl. 40—154.
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Smith, Gerald D., and H. R. Wantz, Jr., to James R. Kearney Corp. Blowout fuse with disintegrating end closure. 3,217,126, 11–9–65, Cl. 200—132.
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Smith, Graydon, to Connecticut Valley Enterprises, Inc. Electromagnetic relays. 3,183,324, 5–11–65, Cl. 200—87.
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Smith, Harold W. Golf putter and a foldable sighting element secured to the shaft thereof by Y-shaped magnet means. 3,198,525, 8–3–65, Cl. 273—163.
Smith, Harold W. Exhaust-liquid heat exchanger for internal combustion engines. 3,201,934, 8–24–65, Cl. 60—31.
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Smith, Horace L., Jr., to Hupp Corp. Drum type heat transfer apparatus. 3,177,932, 4–13–65, Cl. 165—88.
Smith, Horace L., Jr., to Hupp Corp. Uniformly heated rotary drum. 3,181,605, 5–4–65, Cl. 165—90.
Smith, Horace L., Jr., to Hupp Corp. Roasting and heating methods. 3,189,460, 6–15–65, Cl. 99—68.
Smith, Horace L., Jr., to Hupp Corp. Dryers. 3,208,158, 9–28–65, Cl. 34—122.
Smith, Horace L., Jr., to Hupp Corp. Heat treating method and apparatus for sheet or web material. 3,221,416, 12–7–65, Cl. 34—41.
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Powley, Mallinson, Smith, McCallum, and Matthews. 3,164,830.
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Smith, James E., and E. C. Watson, to Westinghouse Electric Corp. Permanent magnet motor and flux adjusting apparatus for use therein. 3,214,620, 10–26–65, Cl. 310—181.
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Smith, Joseph E., Jr., to Ex-Cell-O Corp. Magnetic transducer head mounting means. 3,197,750, 7–27–65, Cl. 340—174.1.
Smith, Joseph F. High speed spindle apparatus. 3,180,074, 4–27–65, Cl. 57—77.45.
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Smith, Joseph R., Jr., to United States of America, National Aeronautics and Space Administration. Temperature compensated solid state differential amplifier. 3,196,362, 7–20–65, Cl. 330—14.
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Smith, Louis C. Handgrip for bows. 3,176,674, 4–6–65, Cl. 124—23.
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Smith, Raymond V., and J. B. Reagan, to Lockheed Aircraft Corp. Unity gain preamplifier for photomultiplier tubes 3,214,705, 10–26–65, Cl. 330—17.
Smith, Reading B., to Sinclair Research, Inc. Process for hydrorefining and cracking gas oils to produce gasoline. 3,208,933. 9–28–65, Cl. 208—89.
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Smith, Robert D. Hat protector. 3,201,802, 8–24–65, Cl. 2—187.
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Smith, Robert D. Race track betting booth. 3,202,422, 8–24–65, Cl. 272—2.
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Smith, Robert J., to C. M. Hall Lamp Co. Remote control unit. 3,195,370, 7–20–65, Cl. 74—501.
Smith, Robert J., to Standard Shade Roller Corp. Springless shade roller. 3,211,212, 10–12–65, Cl. 160—298.
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Smith, Robert K., and P. J. Welsh, to Diamond Alkali Co. Lubricant containing bis(trichloromethyl) benzene. 3,179,592, 4–20–65, Cl. 252—58.
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Smith, Roy W., to Powers Curbers, Inc. Apparatus for laying strips of paving material. 3,175,478, 3–30–65, Cl. 94—46.
Smith, Russell B. Boat hoist. 3,216,704, 11–9–65, Cl. 254—128.
Smith, Russell F., to ACF Industries, Inc. Fuel pump. Re. 25,849, 9–7–65, Cl. 103—150.
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Smith, Samuel P. Fork lift attachment with tiltable forks that slide freely on a support bracket. 3,175,721, 3–30–65, Cl. 214—700.
Smith, Sidney R., Jr., to General Electric Co. Electrical protective apparatus. 3,179,851, 4–20–65, Cl. 317—66.
Smith, Sidney R., Jr., to General Electric Co. Current limiting fuse. 3,189,711, 6–15–65, Cl. 200—120.
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Smith, Stanley, to E.M.B. Co. Ltd. Die-casting machines. 3,209,418, 10–5–65, Cl. 22—70.
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Smith, Stanton M., Jr., and R. L. Hartwell, to General Cable Corp. Packing for fractionating column and the like. 3,218,048, 11–16–65, Cl. 261—94.
Smith, Stephen W., to Sperry Rand Corp. Document sorting. 3,193,283, 7–6–65, Cl. 271—47.
Smith, Sterling L. Clamp for use in hanging pictures. 3,225,403, 12–28–65, Cl. 24—129.
Smith, Sterling L. Picture hook. 3,226,065, 12–28–65, Cl. 248—32.
Smith, Sterling M. Photo-copying devices. 3,187,657, 6–8–65, Cl. 95—77.
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Smith, Theodore D., to Radio Corp. of America. Television tuner. 3,205,720, 9–14–65, Cl. 74—10.8.
Smith, Thomas R., to The Maytag Co. Token device. 3,165,-187, 1–12–65, Cl. 194—4.
Smith, Thomas R., to The Maytag Co. Timing belt operated switches and switch mechanism. 3,178,525, 4–13–65, Cl. 200—38.
Smith, Thomas R., to The Maytag Co. Fluid flow control device. 3,181,790, 5–4–65, Cl. 236—12.
Smith, Thomas R., to The Maytag Co. Clothes washing machine having a cycloidal gear case. 3,184,934, 5–25–65, Cl. 68—133.
Smith, Thomas R., to The Maytag Co. Control system for fabric drying apparatus. 3,197,884, 8–3–65, Cl. 34—45.
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Smith, Walter H. B., deceased, by K. B. Groves, executrix; A. Denhoff, substitute executrix of said K. B. Groves, deceased. Bolt action firearm with charger. 3,221,604, 12–7–65, Cl. 89—187.
Smith, Walter H. B., deceased, by K. B. Groves, executrix, to A. Denhoff, substitute executrix. Shotgun frame and block assembly. 3,222,808, 12–14–65, Cl. 42—44.
Smith, Walter J.: *See*—
Coleman, Jacob J., Smith, Stewart, and Fekete. 3,210,-023.
Longini, Richard L., Bennett, and Smith. 3,194,637.
Smith, Walter J., D. R. Hamilton, and J. J. Coleman, to Westinghouse Electric Corp. Apparatus for producing crystalline semiconductor material. 3,212,858, 10–19–65, Cl. 23—273.
Smith, Walter S., to Miehle-Goss Dexter, Inc. Device for separating stacked sheets. 3,190,642, 6–22–65, Cl. 271—42.
Smith, Warner B., to Price Bros. Co. Wire anchor. 3,206,-851, 9–21–65, Cl. 30—304.
Smith, Warren K. Spectropyrometer apparatus and method. 3,222,930, 12–14–65, Cl. 73—355.
Smith, Warren R.: *See*—
Ferber, Robert R., Smith, and Trimmer. 3,225,140.
Smith, Watt V.: *See*—
Flaherty, Robert J., Jr., and Smith. 3,183,384.
Snapp, Ralph B., and Smith. 3,167,361.
Smith, Watt V. Unitized centrifugal separator. 3,223,315, 12–14–65, Cl. 233—24.
Smith, Weston E., and W. K. Lehmann, to The C. M. Kemp Mfg. Co. Method and apparatus for purifying gaseous mixtures by cyclic adsorption. 3,225,516, 12–28–65, Cl. 55—25.
Smith, Wilfred A. Tapered tie bolt. 3,198,476, 8–3–65, Cl. 249—42.
Smith, Wilfred I.: *See*—
Green, Frank T., and Smith. 3,171,225.
Smith, Willard H. Toilet flush tank valve guide. 3,176,318, 4–6–65, Cl. 4—57.
Smith, Dr. William: *See*—
Tisher, Paul W., and Kramer. 3,195,145.
Smith, William, and A. D. Cederbaum. Light comparator. 3,203,310, 8–31–65, Cl. 88—23.
Smith, William A., J. M. Downey, J. J. Jacobs, S. L. Krugman, J. D. Buehler, and F. D. Huillet, to American Metal Climax, Inc. Concentrating and reacting with nitric acid. 3,211,-525, 10–12–65, Cl. 23—160.
Smith, William B., Jr., to The Bendix Corp. Guarded tone signalling. 3,184,716, 5–18–65, Cl. 340—171.
Smith, William C.: *See*—
Fawcett, Frank S., and Smith. 3,174,988.
Giesse, Robert C., and Smith. 3,165,470.
Graybeal, Warren E., and Smith. 3,223,255.
Smith, William C., to Radar Pneumatics & Engineering Co. Ltd. Fragmentary material digging apparatus. 3,175,868, 3–30–65, Cl. 302—56.
Smith, William C., to Corning Glass Works. Method for forming enclosures for semiconductor devices. 3,220,095, 11–30–65, Cl. 29—155.5.
Smith, William D.: *See*—
Meacham, David D., Smith, and Talcott. 3,222,557.
Smith, William E., to Owens-Illinois Glass Co. Magnetic ceramic ferrites and method for making same. 3,193,503, 7–6–65, Cl. 252—62.5.
Smith, William F., to The Dow Chemical Co. Process for producing thermoplastic foams. 3,194,854, 7–13–65, Cl. 264—53.
Smith, William G.: *See*—
Bonin, Lawrence G., and Smith. 3,169,294.
Bonin, Lawrence G., and Smith. 3,204,918.
Smith, William G., to Lox-All Sales Corp. Masonry wall reinforcing means. 3,183,628, 5–18–65, Cl. 50—492.
Smith, William G. Automatic forming and welding machine. 3,219,066, 11–23–65, Cl. 140—112.
Smith, William H.: *See*—
Chaivre, John L., and Smith. 3,208,301.
Smith, William J. Hinge means. 3,173,567, 3–16–65, Cl. 217—44.
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Dornberger, Georg, and Smith. 3,213,361.
Smith, William M., to Bell Aerospace Corp. Combination aquatic-ground effect vehicle. 3,205,847, 9–14–65, Cl. 114—67.
Smith, William S., Jr., and F. D. Cox, to Southern Aggregate Placing & Welding Inc. Method of distributing filter media into a filter basin. 3,185,327, 5–25–65, Cl. 214—152.
Smith, William V., and H. E. Petersen, to International Business Machines Corp. 3,215,819, 11–2–65, Cl. 235—61.11.
Smith, Willis R., to General Signal Corp. Recording system for vehicle traffic. 3,176,125, 3–30–65, Cl. 246—123.
Smith, Wilta L. Shoe storage rack. 3,199,473, 8–10–65, Cl. 108—159.
Smith, Winchell, and G. F. Bailey, to United States of America, Interior. Meter for optically measuring fluid current velocity. 3,175,459, 3–30–65, Cl. 88—14.
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Brown, Thomas H. 3,193,745.
Geigenmiller, Dudley H., and Matthews. 3,218,897.
Smith, Zeke R., to American Machine & Foundry Co. Method for producing an electrical contact and terminal board. 3,210,453, 10–5–65, Cl. 264—272.
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Smithe, F. L., Machine Co., Inc.: *See*—
Ciccone, Jack M. 3,199,420.
Novick, Abraham. 3,221,584.
Sauerman, Ernst C. 3,166,996.
Smithies, John. Transformer conversion and phase control system. 3,219,834, 11–23–65, Cl. 307—83.
Smith-Johannsen, Robert, to Chemgene Corp. Expanded metallic and ceramic bodies. 3,177,161, 4–6–65, Cl. 252—502.
Smith-Johannsen, Robert, to Chemelex, Inc. Electrically conductive coated article with stable electrical resistance and method for producing same. 3,179,544, 4–20–65, Cl. 156—55.
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Smithson, Charles B. Motion converting mechanism. 3,168,-834, 2–9–65, Cl. 74—23.
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Smithson, Charles B., to National Union Electric Corp. Filter bag mounting means for suction cleaner. 3,209,523, 10–5–65, Cl. 55—374.
Smithson, Luther H., Jr., to California Research Corp. Light duty liquid detergent. 3,175,978, 3–30–65, Cl. 252—153.
Smithson, Luther H., Jr., and O. K. Moore, to California Research Corp. Liquid detergent compositions. 3,175,-977, 3–30–65, Cl. 252—152.
Smithson, Wayne A. Method and apparatus for deflection drilling. 3,194,327, 7–13–65, Cl. 175—61.
Smithuysen, Wilhelm C., D. van Velzen, J. C. Caron, and W. de Bruine, to Shell Oil Co. Metal deactivators. 3,190,835, 6–22–65, Cl. 252—47.
Smithway Sales Corp.: *See*—
Smith, Orson W. 3,169,352.
Smits, Willem F., to North American Philips Co., Inc. Method and device for the machine assembling of crystal diodes. 3,178,796, 4–20–65, Cl. 29—25.3.
Smitter, Harry A. and J. H. Stake puller. 3,211,240, 10–12–65, Cl. 173—90.
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Smitter, Harry A. and J. H. 3,211,240.
Smock, George E., and R. M. Stream, to Owens-Corning Fiberglas Corp. Slitter for mat materials. 3,213,728, 10–26–65, Cl. 83—56.
Smoker, Alvin G., to Sperry Rand Corp. Conveyor. 3,182,-783, 5–11–65, Cl. 198—7.

Smoker, Norman B., to Sperry Rand Corp. Feeder for stock animals. 3,191,582, 6–29–65, Cl. 119—61.
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Worden, Donald A., and Smolen. 3,181,560.
Smolin, Edwin M.: *See*—
Pare, Philip J., and Smolin. 3,218,350.
Smolin, Edwin M., and K. Matsuda, to American Cyanamid Co. Preparation of acrylic monomers. 3,210,417, 10–5–65, Cl. 260—533.
Smolka, Thomas G., and J. Zelinka, to Wiener Metallwaren- und Schnallenfabrik Sehar-Smolka. Fastening device in safety ski bindings. 3,199,885, 8–10–65, Cl. 280—11.35.
Smoll, Allen E., and W. S. Crocker, to United States of America, Navy. Accelerometer. 3,165,934, 1–19–65, Cl. 73—516.
Smoot, Charles H., to Rockwell Mfg. Co. Control system. 3,214,660, 10–26–65, Cl. 318—28.
Smoot, Charles R. Process for controlling the bulk density of polyoxymethylene. 3,182,038, 5–4–65, Cl. 260—67.
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King, Donald F., and Smoot. 3,181,960.
Smoot, Thomas W., and J. R. Ryan, to Harbison-Walker Refractories Co. Zirconia refractory. 3,175,919, 3–30–65, Cl. 106—57.
Smoot, Thomas W., and J. R. Ryan, to Harbison-Walker Refractories Co. Purification of certain refractory oxides. 3,179,492, 4–20–65, Cl. 23—14.5.
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Smuck, Joseph I. Tire-buoy. 3,224,611, 12–21–65, Cl. 214—334.
Smuland, Robert J., and R. L. Davidson, to General Electric Co. Hollow turbine or compressor vane. 3,220,697, 11–30–65, Cl. 253—39.15.
Smurthwaite, John W., to United Kingdom Atomic Energy Authority. Apparatus for vacuum melting and casting metals. 3,188,702, 6–15–65, Cl. 22—73.
Smusz, Teddy F., E. G. Lizotte, and T. E. Frechette, to Royal McBee Corp. Keylever signal storing mechanism. 3,191,-740, 6–29–65, Cl. 197—16.
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Doyle, Marshall E., Jaffe, Smutny, and Williams. 3,206,-431.
Smutny, Edgar J., to Shell Oil Co. Lanthanide alkylated hydroxylbenzoates. 3,189,630, 6–15–65, Cl. 260—429.2.
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Schatz, Ralph H., Adams, and Smyers. 3,185,659.
Smyrniotis, Frank C. Automobile front end alignment gauge. 3,177,590, 4–13–65, Cl. 33—203.15.
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Smyser, Edgar T.: *See*—
Smyser, James A., E. T., and C. E. 3,225,661.
Smyser Fluid Motors: *See*—
Smyser, James A., E. T., and C. E. 3,225,661.
Smyser, Harold D., and O. L. Wheeler, to Cumberland Chemical Corp. Method of treating polyvinyl alcohol. 3,220,992, 11–30–65, Cl. 260—91.3.
Smyser, James A. Trailer connecting apparatus. 3,201,144, 8–17–65, Cl. 280—477.
Smyser, James A., E. T., and C. E., to Smyser Fluid Motors. Rotary fluid motors. 3,225,661, 12–28–65, Cl. 91—149.
Smyth, Frederick J., to General Precision, Inc. Training apparatus. 3,186,110, 6–1–65, Cl. 35—11.
Smyth, George F., to Long-Lok Corp. Self-locking screw-threaded fastener. 3,182,703, 5–11–65, Cl. 151—7.
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Thorp, James H. 3,201,810.
Smyth, William H. Thread cutting tool holder supported by turret type lathe. 3,189,923, 6–22–65, Cl. 10—89.
Smythe, Bruce M., and C. J. Moye, to The Colonial Sugar Refining Co. Ltd. Process for the purification of sugars and their derivatives. 3,219,484, 11–23–65, Cl. 127—64.
Smythe, George R., to Sperry Rand Corp. Multistage amplifier coupled to an inductive load. 3,191,075, 6–22–65, Cl. 307—104.
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Snabes, Casmir J., to Ford Motor Co. Cartridge-type seal assembly. 3,222,077, 12–7–65, Cl. 277—40.
Snair, S. Edwin, and M. I. Lipshutz, 37.5% to said Snair, 37.5% to said Lipshutz, and 25% to E. J. Kalil. Zipper tester. 3,199,342, 8–10–65, Cl. 73—95.
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Erickson, Gerald. 3,203,580.
Erickson, Gerald T. and R. 3,167,815.
Waggner, Charles E., III. 3,203,582.
Snaper, Alvin A. Pulverizer having ultrasonic drive means. 3,223,337, 12–14–65, Cl. 241—262.
Snaper, Alvin A. Multiple electric switch formed from magnetic elements. 3,223,800, 12–14–65, Cl. 200—87.
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Bernat, Richard, Jr. 3,192,682.
Snapp, John L.: *See*—
Reifschneider, Darrel E., and Snapp. 3,224,430.
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Snapp, Ralph B., and W. V. Smith, to United States of America, Navy. Rotating bearing. 3,167,361, 1–26–65, Cl. 308—8.
Snapp, Rex J. Door frame profile gauge. 3,199,206, 8–10–65, Cl. 33—194.
Snavely, Benjamin L., to United States of America, Navy. Electroacoustic transducer and driving circuit therefor. 3,219,969, 11–23–65, Cl. 340—8.
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Snay, Kenneth E., and E. V. Borden, to Seco Chemicals Inc. Conveyor lubricating apparatus. 3,170,539, 2–23–65, Cl. 184—15.
Snead, Edwin B. Skip hauler for truck and railway transportation. 3,198,363, 8–3–65, Cl. 214—502.
Snead, Jonathan L., and H. Gisser, to United States of America, Army. C_{4-6} perfluorinated glycol diesters of trimethylacetic acid. 3,189,644, 6–15–65, Cl. 260—488.
Snediker, Robert R., to Chicago Show Printing Co. Display means. 3,182,414, 5–11–65, Cl. 40—125.
Sneed, John. Dynamic sealing packing for polish rods and the like. 3,168,320, 2–2–65, Cl. 277—110.
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Sneen, Franz, to Konstruktioner & Experiment A.B. Hydraulic rotary piston motor system. 3,196,934, 7–27–65, Cl. 160—229.
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Snell, Leonard S., to Bristol Siddeley Engines Ltd. Aircraft propulsion power plants. 3,216,675, 11–9–65, Cl. 244—23.
Snell, Raymond L. Door stop and holder mechanism. 3,219,-374, 11–23–65, Cl. 292—15.
Snelling, Christopher: *See*—
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Snelling, Christopher, to Xerox Corp. Photoconductively controlled corona charging. 3,220,324, 11–30–65, Cl. 95—1.7.
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Snelling, William D., to E. I. du Pont de Nemours and Co. Melt cutter apparatus. 3,196,487, 7–27–65, Cl. 18—12.
Snelson, Kenneth D. Continuous tension, discontinuous compression structures. 3,169,611, 2–16–65, Cl. 189—34.
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Snider, Donald S. Rudder and tiller for sailing surfboard. 3,199,485, 8–10–65, Cl. 114—165.
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Snider, Paul E., and H. D. Jones. Bow-stand. 3,219,299, 11–23–65, Cl. 248—156.
Snider, Paul H. Connector for telephone terminal block. 3,181,109, 4–27–65, Cl. 339—198.
Snider, Paul H. Connector for a terminal block or the like. 3,188,603, 6–8–65, Cl. 339—198.
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Snijders, Cornelis A., to North American Philips Co., Inc. Power reducing third-order intermodulation products in single sideband signals. 3,213,387, 10–19–65, Cl. 330—109.
Snitz, Herman L. Animal training food dispenser. 3,204,-608, 9–7–65, Cl. 119—54.
Snitzer, Saul, to B-W Footwear Co. Method of making shoes. 3,217,345, 11–16–65, Cl. 12—142.
Snoberger, Philip H., and O. H. Buschmann, said Snoberger assor. to Ranco Inc. Motor protection means for hermetically sealed motor-compressor units. 3,222,555, 12–7–65, Cl. 310—68.
Snoddy, Glen T., and R. V. Hobbs, to Gibson, Inc. Tone modifier for electrically amplified electro-mechanically produced musical tones. 3,213,181, 10–19–65, Cl. 84—1.19.

Snodgrass, Harold F. Pole clip. 3,169,290, 2–16–65, Cl. 24—81.
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Bauer, Oliver F., and Snook. 3,170,976.
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Snook, William R., Jr. Control mechanism. 3,223,366, 12–14–65, Cl. 244—90.
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Snow, Douglas G., and R. R. Starke, to Sperry Rand Corp. Power transmission. 3,216,363, 11–9–65, Cl. 103—136.
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Snow, Henry H.: *See*—
Slayter, Games, Snow, Russell, and Kleist. 3,177,058.
Snow, Kenneth T.: *See*—
Grant, Raymond F. 3,170,729.
Snow, Marion C.: *See*—
Berry, Richard C., and Snow. 3,191,021.
Snow, Marvin. Artificial Christmas tree. 3,214,318, 10–26–65, Cl. 161—22.
Snow, Milton L. Telephone instrument controlling device. 3,179,749, 4–20–65, Cl. 179—1.
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Snow, Richard K.: *See*—
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Phares, Lindsey J., McCall, Snow, and Spannhake. 3,200,599.
Snow, Richard K., G. J. Gendron, and L. J. Phares, to Raymond International Inc. Filling of pile shells with concrete. 3,186,181, 6–1–65, Cl. 61—53.5.
Snow, Robert B. Sole plate for athletic shoe. 3,204,347, 9–7–65, Cl. 36—2.5.
Snow, Roland B., to United States Steel Corp. Method of obtaining even flow of gases through a regenerator. 3,207,817, 9–21–65, Cl. 263—52.
Snow, Theodore R. Device for holding hair curler rollers. 3,221,891, 12–7–65, Cl. 211—13.
Snow, Thomas W., and L. A. Severy, to United Shoe Machinery Corp. Platform cover turning machine. 3,166,770, 1–26–65, Cl. 12—1.
Snow, William B., to The Bissett-Berman Corp. System for masking information. 3,213,199, 10–19–65, Cl. 179—1.5.
Snow, William T., Jr., to W. R. Grace & Co. Frozen food package and method for producing same. 3,188,215, 6–8–65, Cl. 99—192.
Snowdon, Arthur E., to The Superior Electric Co. Electrical commutating surface. 3,188,589, 6–8–65, Cl. 336—149.
Snowdon, Arthur E., to The Superior Electric Co. Electric synchronous inductor motor. 3,206,623, 9–14–65, Cl. 310—162.
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Thielfoldt, Lloyd W., and Snyder. 3,184,202.
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Snyder, Harry M., to Snyder Paper Corp. Cushion structure. 3,188,665, 6–15–65, Cl. 5—355.
Snyder, Harry R., Jr., to The Norwich Pharmacal Co. 3-(5-nitro-2-furyl)-5,6-dihydroimidazo[2,1-B] thiazole and acid addition salts thereof. 3,169,970, 2–16–65, Cl. 260—306.8.
Snyder, Harry R., Jr., to The Norwich Pharmacal Co. Diethyl[2 - (5 - nitrofurfurylidene)hydrazino]thiophosphate. 3,178,453, 4–13–65, Cl. 260—347.2.
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Ida, Noble N., and Snyder. 3,206,963.
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Snyder, James H., to Honeywell Inc. Predetermining counter. 3,202,354, 8–24–65, Cl. 235—132.
Snyder, John L., and G. J. van der Bie, to Shell Oil Co. Process of recovery of elastomers from solutions with an inorganic sulfide. 3,188,297, 6–8–65, Cl. 260—33.6.
Snyder, John W., to Philco Corp. Cathode ray tube gun assembly. 3,201,637, 8–17–65, Cl. 313—256.
Snyder, John Y., 5% to J. H. Drury, 5% to C. M. Bernard, 5% to Rapier, Barre & Rapier, 1¼% to Mrs. L. C. Lohman, 1¼% to L. C. Lohman, 5% to J. Polito, and 10½% to M. P. Synder. Lapping article. 3,201,905, 8–24–65, Cl. 51—358.
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Snyder, Joseph H. Day and night transparency, translucency and/or print and display frame therefor. 3,205,600, 9–14–65, Cl. 40—152.2.
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Snyder, Nevin E.: *See*—
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Snyder, Peter J. Universal spindle coupling and the like. 3,205,680, 9–14–65, Cl. 64—7.
Snyder, Phillip T., and F. Becker. Planter for potted plants. 3,221,681, 12–7–65, Cl. 111—3.
Snyder, Raymond E., to Douglas Aircraft Co., Inc. Flexible coupling for rigid members. 3,198,559, 8–3–65, Cl. 285—233.
Snyder, Richard F., and E. S. Gerber. Automotive battery charging circuits. 3,174,048, 3–16–65, Cl. 307—10.
Snyder, Robert L.: *See*—
Wenger, Arthur D., and Snyder. 3,188,159.
Snyder, Roy B.: *See*—
Herrington, Fox J., Jr., and Snyder. 3,216,880.
Snyder, Vernon W. Fishhook. 3,175,322, 3–30–65, Cl. 43—36.
Snyder, William H., to Johns-Manville Corp. Asbestos-cement products. 3,169,878, 2–16–65, Cl. 106—99.
Snyderman, Joseph, to John Eppler Machine Works, Inc. Tube recutter. 3,190,158, 6–22–65, Cl. 82—101.
Snyderman, Joseph, and M. Schnabl, to John Eppler Machine Works, Inc. Convolute tube making machine. 3,190,195, 6–22–65, Cl. 93—81.
Snyderman, Ruben. Web handling apparatus. 3,206,137, 9–14–65, Cl. 242—107.4.
Snygg, Arnold J., to Honeywell Inc. Control apparatus employing a semiconductor device connected in inverse parallel. 3,204,113, 8–31–65, Cl. 307—88.5.
Snyman, Mattheus J., to Pres-Pul Lock Co. Ltd. Lockable door latch. 3,206,954, 9–21–65, Cl. 70—150.
Sobczak, Bernard J.: *See*—
Alonas, Kay, Hagstrom, and Sobczak. 3,200,210.
Sobeck, Eugene E., and J. M. Andresen, to Lake Center Switch Co. Motors. 3,182,564, 5–11–65, Cl. 91—421.
Sobel, Alvin A., to Coronet Paper Corp. Display package. 3,195,718, 7–20–65, Cl. 206—45.32.
Sobel Metal Products, Inc.: *See*—
Pfund, Adolf G. 3,185,185.
Sobel, Richard: *See*—
Crawford, Robert J., Sobel, and Hebbel. 3,206,282.
Sobel, Seymour, V. J. Iappelli, and M. K. Snavely, to Universal Oil Products Co., and The Standard Oil Co. Purification of acetonitrile and propionitrile. 3,203,974, 8–31–65, Cl. 260—465.1.
Sobel, Seymour, and V. J. Iappelli, to Universal Oil Products Co. Purification of acetronitrile and propionitrile. 3,203,975, 8–31–65, Cl. 260—465.1.
Sobel, Sol: *See*—
Altman, Stanley, and Sobel. 3,225,402.
Sobelson, Milton D. Buoyant illuminating device. 3,183,688, 5–18–65, Cl. 67—51.
Sobetzer, Herbert H. Fishing lure retriever. 3,191,335, 6–29–65, Cl. 43—17.2.
Sobey, Albert J.: *See*—
Nagey, Tibor F., and Sobey. 3,216,193.
Sobey, Albert J., to General Motors Corp. Attitude control. 3,167,017, 1–26–65, Cl. 102—50.
Sobey, Albert J., to General Motors Corp. Fluid pressurizing system. 3,213,804, 10–26–65, Cl. 103—152.
Sobey, Albert J., and C. M. Hawkins, to General Motors Corp. Rocket propulsion apparatus. 3,200,583, 8–17–65, Cl. 60—35.6.
Sobin, Ben A.: *See*—
Shull, Gilbert M., and Sobin. 3,173,916.
Sobolev, Igor, to Shell Oil Co. Process for polymerizing unsaturated aldehydes and resulting products. 3,215,674, 11–2–65, Cl. 260—67.
Sobotka, Frank J., and F. E. Richardson. Vehicle load weighing apparatus. 3,172,492, 3–9–65, Cl. 117—136.
Sobrevin Soc. de Brevets Industriels Etablissement: *See*—
Sarfati, Alberto G., and Vischiani. 3,225,446.
Soc. Toscana Industria Cucine Elettrodomestici (S.T.I.C.E.) S.p.Az.: *See*—
Mori, Orlando. 3,183,120.
Soccio, Lewis M. Threading mechanism. 3,204,267, 9–7–65, Cl. 10—136.

Socha, Arthur J., to Bell & Howell Co. Low reflectance coatings for optical elements including graduated high index layer. 3,176,574, 4–6–65, Cl. 88—1.
Socha, Arthur J., to Bell & Howell Co. Low reflectance optical member coatings with barrier layer. 3,176,575, 4–6–65, Cl. 88—1.
Societa Applicazioni Gomma Antivibranti "SAGA" S.p.A.: *See*—
Angioletti, Attilio, and Wetzel. 3,197,358.
Boschi, Antonio. 3,177,970.
Boschi, Antonio, and Martorana. 3,177,559.
Societa Edison: *See*—
Vardanega, Virgilio. 3,178,190.
Società Electrica Ed Elettrochimica Del Caffaro S.p.A.: *See*—
Paoloni, Carlo. 3,210,307.
Societa Farmaceutici Italia: *See*—
Arcamone, Federico, Canevazzi, Grein, and Bizioli. 3,190,801.
Arcamone, Federico, di Marco, Ghione, Pennella, and Green. 3,170,837.
Bernardi, Luigi Goffredo, and Bosisio. 3,185,695.
Biffi, Giulia, Grein, and Spalla. 3,196,084.
Camerino, Bruno, and Palamidessi. 3,185,686.
Camerino, Bruno, Patelli, and Sciaky. 3,178,458.
Societa Fenanziari Siderurgica "Finsider" per Azioni Istituto Siderurgica: *See*—
Ramacciotti, Aldo. 3,210,060.
Societa Generale per L'Industria Mineraria e Chimica: *See*—
Natta, Giulio, Pino, and Mazzanti. 3,197,452.
Societa in Accomandita Semplice A.C.F.A.-Accessori Calzature Fibbie Affini di Adalberto Steinberg Sussman & C.: *See*—
Sussman, Adalberto S. 3,197,834.
Societa Italiana Prodotti Shering: *See*—
Galimberti, Paolo, Gerosa, Melandri, and Kramer. 3,201,405.
Societa Italiana Resine: *See*—
Codignola, Franco. 3,171,860.
Codignola, Franco, Reni, and Ackermann. 3,184,900.
Societa Nazionale Metanodotti S.p.A.: *See*—
Evangelisti, Giuseppe, Marro, Belardinelli, Sarti, Grandi, Bonfiglioli, and Righetti. 3,207,889.
Societa Parmaceutici Italia: *See*—
Amici, Alba M., Minghetti, Spalla, and Tonolo. 3,201,326.
Coda, Severina, Colo, Glaesser, and Pasini. 3,201,459.
Societa per Azioni Ferrania: *See*—
D'Incerti, Ludovico. 3,169,708.
Societe a responsabilite limitee dite Grosfillex Freres: *See*—
Grosfillex, Raymond. 3,210,804.
Societe a Responsabilite Limitee Recherches Etudes Production R.E.P.: *See*—
Boulet, Georges. 3,171,361.
Boulet, Georges. 3,180,275.
Lucien, Rene, and Tetart. 3,208,760.
Societe a Responsabilite Limitee Societe Lamy d'Etudes et de Recherches S.O.L.E.R.: *See*—
Petit, Marceau R. 3,218,966.
Societe a responsabilite Limitee, Tuyaux Flexibles Rudolph: *See*—
Charvet, Joseph. 3,202,563.
Societe Alsacienne de Constructions Mecaniques: *See*—
Bruant, Claude, Crampon, and Martinat. 3,199,036.
Gauvain, Roger. 3,184,799.
Halleux, Hubert. 3,192,571.
Juillard, Yves. 3,163,976.
Juillard, Yves. 3,171,444.
Juillard, Yves. 3,173,452.
Juillard, Yves. 3,225,794.
Ribeton, Jean. 3,179,094.
Vechot, Jacques L. 3,164,088.
Societe anglo-belge Vulcain, Societe anonyme: *See*—
Maldague, Pierre E. J. M. 3,222,255.
Maldague, Pierre E. J. M., and de Waegh. 3,222,254.
Tollet, Louis H. J. 3 215,302.
Tollet, Louis H. J. 3,218,236.
Tollet, Louis H. J., and Maldague. 3,212,981.
Tollet, Louis H. J., and Maldague. 3,212,984.
Societe Anonyme Andre Citroen: *See*—
Brueder, Antoine. 3,203,508.
Societe Anonyme D.B.A.: *See*—
Thirion, Rene. 3,208,802.
Thirion, Rene A. L. 3.184.005.
Thirion, Rene A. L. 3,195,687.
Societe Anonyme des Ateliers d'Aviation Louis Breguet: *See*—
Ricard, Armand G. 3,174,707.
Societe Anonyme des Usines Chausson: *See*—
Chausson, Andre. Re. 25,934.
Societe Anonyme Francaise Eternit: *See*—
Gremigni, Giuseppe. 3,218,377.
Societe Anonyme Iwan Simonis S.A.: *See*—
Malchair, Armand. 3,220,438.
Malchair, Armand. 3,220,440.
Societe Anonyme Peltex: *See*—
Julius, Anatole, Peters, and De Lichtenberg. 3,215,650.
Societe Anonyme pour l'Exploitation des Procedes Chimiques et Physiques: *See*—
Bessiere, Pierre T. 3,168,042.
Societe Anonyme pour l'Industrie Chimique: *See*—
Blaise, Rolland. 3,219,531.
Societe Anonyme Simca Automobiles: *See*—
Piret, Jean. 3,225,541.
Societe Anonyme so-called: Saunier Duval: *See*—
Gouyou-Beauchamp, Jacques, and Brugere. 3,196,740.
Societe Auxiliaire de l'Entreprise (Auxen): *See*—
Metailler, Roger. 3,172,552.
Societe Auxiliaire des Distributions d'Eau: *See*—
Irion, Rene. 3,216,573.
Societe Belge de L'Azote et des Produits Chimiques du Marly: *See*—
Braconier, Frederic F. A., and Riga. 3,176,047.
Kondo, Reiichi, and Takagi. 3,176,046.
Societe Belge Prat-Daniel, Societe Anonyme: *See*—
Roujob, Leopold A. G. 3,209,521.
Societe Bertin & Cie: *See*—
Bertin, Jean H., and Dubois. 3,196,822.
Bertin, Jean H., and Dubois. 3,199,506.
Bertin, Jean H., and Guienne. 3,190,235.
Duthion, Louis, and Bertin. 3,174,581.
Duthion, Louis, and Hafenscher. 3,174,582.
Le Nabour, Marcel P. 3,216,653.
Pavlin, Cyrille F. 3,180,360.
Ricard, Armand G. 3,174,707.
Societe Civile de Recherches et d'Etudes Industrielles: *See*—
Vincens, Rene. 3,166,367.
Vincens, René. 3,205,840.
Vincens, René. 3,206,270.
Vincens, Rene. 3,210,035.
Societe Civile d'Etudes et de Recherches Sous Marines Aquarius (S.E.R.A.): *See*—
Sellner, Heinz L. M., and Tailliez. 3,171,376.
Societe Civile Pour l'Etude d'Engins a Pistons Libres E.P.L.: *See*—
Hellweg, Kurt H. W. 3,183,900.
Societe d'Appareils de Controle et d'Equipement des Moteurs S.A.C.E.M.: *See*—
Mennesson, Bernard R. 3,173,528.
Societe d'Applications Chimiques d'Etudes & de Recherches (S.A.C.E.R.): *See*—
Montandraud, Jean. 3,172,809.
Societe d'Applications des Machines Motrices, Societe anonyme dite: *See*—
Rohacs, Etienne. 3,179,777.
Rohacs, Etienne. 3,198,922.
Societe d'Applications Generales d'Electricite et de Mecanique: *See*—
Berjon, Pierre R. 3,185,765.
Societe d'Applications Logiques de l'Electronique (Socap Electronique): *See*—
Perret, Henri and C. 3,215,898.
Societe Davum Villeneuve-La-Garenne: *See*—
Barbou, Jacques. 3,192,963.
Societe de la Viscose Suisse: *See*—
Marek, Bruno S. V., and Gneisz. 3,193,447.
Societe d'Electro-Chimie d'Electro-Metallurgie et des Acieries Electriques d'Ugine: *See*—
Armand, Marcel. 3,213,188.
Armand, Marcel, and Berthoux. 3,206,280.
Modiano, Jacques. 3,210,295.
Mollard, Paul. 3,215,493.
Mollard, Paul, and Turpin. 3,198,600.
Szobel, Laszlo. 3,207,777.
Weiss, Francis, and Thevenon. 3,206,510.
Societe d'Electronique et d'Automatisme: *See*—
Albin, Jacques, Recoque, and Richard. 3,184,718.
Dreyfus, Bertrand A. 3,165,714.
Dreyfus-Alain, Bertrand. 3,226,604.
Henry-Baudot, Jacques. 3,189,770.
Henry-Baudot, Jacques. 3,221,196.
Lemoine, Jean H. 3,226,695.
Martin, Jacques E. 3,211,031.
Masson, Claude M. E. 3,226,701.
Raymond, Francois H. 3,165,634.
Raymond, Francois H., and Lemoine. 3,188,391.
Richard, Andre M. E., and A. P. and H. Jeudon. 3,206,731.
Societe de Prospection Electrique Schlumberger, S.A.: *See*—
Reyne, Maurice. 3,212,439.
Societe des Accumulateurs Fixes et de Traction (Societe Anonyme): *See*—
Emeriat, Raymond. 3,202,545.
Societe Desauge & Lair: *See*—
Renoult, Marius. 3,169,396.
Societe d'Etudes Chimiques pour l'Industrie et l'Agriculture (Secpia): *See*—
Breiss, Jean, Kircher, and Zimmermann. 3,223,477.
Meybeck, Jean, Kircher, and Breiss. 3,178,262.
Societe d'Etudes Contre La Corrosion (S.E.C.C.O.): *See*—
Heuze, Bernard M. L. 3,192,144.
Societe d'Etudes de Techniques Industrielles Nouvelles: *See*—
Benichou, Samuel, Beyrard, and Zimeray. 3,180,877.
Societe d'Etudes, d'Inventions et de Brevets & E.I.B.: *See*—
Carriol, Louis A. 3,166,217.
Societe d'Etudes et d'Applications Industrielles Commerciales et "Immobilieres Inter-Technique": *See*—
Dangauthier, Marcel. 3,186,507.
Dangauthier, Marcel. 3,201,142.
Dangauthier, Marcel. 3,207,280.
Societe d'Etudes et d'Applications Industrielles et Immobilieres, "Inter-Technique": *See*—
Hennequin, Ernest A. G. 3,169,513.
Societe d'Etudes et de Diffusion de Procedes et Brevets S.A.: *See*—
Vellas, Jean L. J., and Puig. 3,192,142.
Vellas, Jean L. J., and Puig. 3,192,146.

Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie S.A.: *See*—
Bouvier, Maurice, and Moiroux. 3,194,007.
Horgen, Helge, and Bouvier. 3,225,751.
Moiroux, Auguste, and Salel. 3,203,164.
Societe d'Etudes Scientifiques et Industrielles de l'Ile-de-France: *See*—
De Livois, Guy M. 3,183,897.
Thominet, Michel L. 3,177,252.
Thominet, Michel L. 3,219,528.
Societe d'Exploitation des Materiels Hispano-Suiza: *See*—
Pelisson, Claude G. D. J. 3,225,663.
Societe d'Exploitation des Ressorts Automortisseurs: *See*—
Jarret, Jacques, and Jean Jarret. 3,172,650.
Societe dite Controle Bailey: *See*—
Lejon, Jean C. 3,194,010.
Societe d'Optique et de Mecanique de Haute Precision: *See*—
Baluteau, Jean-Michel. 3,195,432.
Reymond, Lucien. 3,181,445.
Reymond, Lucien. 3,192,841.
Societe du Carburateur Zenith: *See*—
Bard, Alphonse. 3,171,432.
Simonet, Jocelyn E. L. 3,168,084.
Societe d'Utilisation Scientifique et Industrielle du Froid Usifroid: *See*—
Rieutord, Louis M. A. 3,192,643.
Rieutord, Louis M. A. 3,195,547.
Societe en nom collectil dite Beltoise Marguet & Cie: *See*—
Beltoise, Maurice. 3,165,767.
Societe en nom Collectif dite: Science Union et Cie, Societe Francaise de Recherche Medicale: *See*—
Beregi, Laszlo G., Hugon, Le Douarec, and Schmitt. 3,198,833.
Beregi, Laszlo G., Hugon, Le Douarec, and Schmitt. 3,198,834.
Regnier, Gilbert L., and Canevari. 3,198,799.
Regnier, Gilbert L., Canevari, and Le Douarec. 3,193,559.
Regnier, Gilbert, Canevari, and Le Douarec. 3,193,560.
Societe Europeenne d'Isolateurs en Verre Sediver: *See*—
Kaczerginski, Alexandre. 3,198,878.
Societe Francaise de Fermetures de Luxe: *See*—
Fady, Jean A. 3,225,429.
Societe Francaise d'Entretien et de Reparation de Materiel Aeronautique: *See*—
Mercier, Pierre E. 3,207,180.
Societe Francaise des Laboratories Labaz, Societe Anonyme: *See*—
Honnet, Bernard, and Simonet. 3,202,324.
Societé Francaise des Produits Pour Catalyse: *See*—
Bosc, Robert, and Belon. 3,185,651.
Societe Francaise d'Etiquetage Virey & Garnier, Societe Anonyme dite: *See*—
Della Vite, Romuald R. 3,196,070.
Societe Francaise Duco: *See*—
Behar, Robert, Cahn, Dubien, and Aussedat. 3,226,451.
Societe General d'Exploitations Industrielles, Societe anonyme dite: *See*—
Cognet, Firmin E. A., and Mohier. 3,221,097.
Societe Generale "Isothermos" Societe Anonyme: *See*—
Bouvat-Martin, Jean-Baptiste. 3,200,912.
Societe Genevoise d'Instruments de Physique: *See*—
Mottu, Andre. 3,211,025.
Pettavel, Jacques. 3,190,173.
Societe Grenobloise d'Etudes et d'Applications Hydrauliques (Sogreah): *See*—
Danel, Pierre F. 3,177,895.
Lejeune, Pierre, and De Maillard. 3,165,439.
Platzer, Roger, Blain, Cohen, De Lara, and Delachanal. 3,193,498.
Vadot, Louis. 3,192,863.
Societe Industrielle de Brevets et d'Etudes S.I.B.E.: *See*—
Mennesson, André L. 3,179,388.
Mennesson, Andre L. 3,185,452.
Mennesson, Andre L. 3,185,453.
Mennesson, André L. 3,198,497.
Mennesson, André L. 3,198,498.
Societe Industrielle de Liaisons Electriques: *See*—
Malaquin, Andre. 3,210,539.
Societe Industrielle des Coussinets: *See*—
Hermann, Georges. 3,207,683.
Societe Industrielle des Oleagineux: *See*—
Rambaud, Michel. 3,220,851.
Societe Industrielle de Sonceboz S.A.: *See*—
Pfister, Pierre F., and Ruebner. 3,181,019.
Societe Industrielle Generale de Mecanique: *See*—
Gauthier, Robert, and Dumas. 3,186,170.
Societe Industrielle Generale de Mecanique Appliquee S.I.G.M.A.: *See*—
Dubuf, Pierre. 3,213,762.
Dumas, Francois, and Bitton. 3,217,821.
Pignolet, Louis, and Dumas. 3,186,162.
Societe le Carbone-Lorraine: *See*—
Siddall, George, Holland, and Hilliard. 3,171,017.
Societe Les Produits Semi-Conducteurs, La: *See*—
Champ, Roger. 3,218,159.
Societe Lumiere: *See*—
Valette, Joseph, and Voisin. 3,224,352.
Societe Luxembourgeoise de Brevets et de Participations (Lubrepa): *See*—
Paulsen, Jean-Felix. 3,199,313.
Societe Lyonnaise de Ventilation Industrielle Solyvent: *See*—
Valdi, René J. 3,168,235.
Societe Marocaine de Recherches, d'Etudes et de Developpements "Somarede": *See*—
Honore, Etienne, and Torcheux. 3,178,565.
Honore, Etienne, Torcheux, and Tubeuf. 3,188,454.
Societe Nationale des Petroles d'Aquitaine, Societe anonyme dite: *See*—
Bapseres, Pierre, de la Bruniere, Andouze, and Nicolaides. 3,207,793.
Bapseres, Pierre, and Nicolaides. 3,185,732.
Kulbicki, Georges L., Sahores, Vanuxem, Enjalbert, and Capiaux. 3,225,493.
Lalet, Charles Y. P. 3,198,839.
Raynal, Jean. 3,181,632.
Sahores, Jean. 3,200,247.
Ternisien, Jean A., and Trillat. 3,194,692.
Societe Nationale d'Etude et de Construction de Moteurs d'Aviation: *See*—
Adamsbaum, Andre. 3,168,734.
Adamsbaum, Andre, and Nicolas. 3,217,324.
Bauger, Louis J., Baraut, Phelipon, and Lacroix. 3,204,404.
Bauger, Louis J., and Jumelle. 3,176,463.
Boue, Pierre G. R., Ernst, and Jardinier. 3,175,787.
Braun, Adolf, and Prade. 3,217,592.
Debize, Francis. 3,220,809.
Eichholtz, Konrad. 3,168,998.
Ernst, Adolphe O. G., Jardinier, and Róna. 3,169,000.
Ernst, Adolphe O. G., Jardinier, and Rona. 3,193,218.
Ernst, Adolphe O. G., and Tremouilles. 3,180,086.
Foure, Claude D. 3,199,212.
Foure, Claude D., and Mihail. 3,205,147.
Garnier, Henri L., Rubet, Desroches, Marchal, and Lutz. 3,168,978.
Garnier, Henri L., Rubet, Desroches, Marchal, and Meulien. 3,168,977.
Gire, Etienne Y. J. M., and Meunier. 3,190,584.
Holz, Robert G. 3,190,125.
Marchal, Raymond H. F., and Servanty. 3,194,295.
Michard, Louis, and Oestrich. 3,202,067.
Negre, Pierre J. V. 3,190,071.
Oestrich, Hermann, Michard, Meunier, and Minos. 3,174,411.
Perret, Rene, and Trinkler. 3,166,275.
Quiot, Henri M. 3,177,487.
Sercy, Michel A., and Touré. 3,217,655.
Servanty, Pierre, and Raymond. 3,208,214.
Trinkler, Alfred. 3,223,103.
Societe Nouvelle Spidem: *See*—
Diolot, Lucien. 3,192,757.
Diolot, Lucien. 3,211,037.
Societe Ornanaise de Constructions Mecaniques (S.O.C.): *See*—
Poyet, Serge, and Sosolic. 3,215,284.
Societe Parisienne d'Expansion Chimique S.P.E.C.I.A.: *See*—
Barthelemy, Max. 3,168,121.
Societe pour l'Affranchissement et le Timbrage Automatiques S.A.T.H.S.: *See*—
Morisson, Roger L. 3,180,574.
Societe Progil: *See*—
Jaymond, Maurice. 3,207,799.
Societe Rateau: *See*—
Chaboseau, Jacques P., and Mech. 3,202,464.
Mech, Christian, and Hirtz. 3,205,028.
Societe Rateau et Cabinet Andre Faure: *See*—
Roc, Guy, and Andre. 3,165,903.
Societe Rateau, Societe Anonyme Dite: *See*—
Hirtz, Alfred. 3,217,396.
Societe Rhodiaceta: *See*—
Burillon, Pierre, Chezaud, and Mangieri. 3,211,115.
Chezaud, Jean C., and Lachussee. 3,167,383.
Corbiere, Jacques. 3,183,657.
Fraizy, Jean, and Finiels. 3,215,490.
Goullioud, Pierre. 3,203,911.
Joly, Jean A. 3,222,859.
Toureille, Daniel C. 3,199,940.
Societe Salviam: *See*—
Pincon, Arthur J. J. B., and Bugeon. 3,171,335.
Societe Technique de Pulverisation (par abreviation STEP): *See*—
Boris, Sonia. 3,226,035.
Society Indatom: *See*—
Coudray, Michel, and Treille. 3,205,140.
Society Indatom and Compagnie des Ateliers et Forges de la Loire: *See*—
Gumuchian, Andre, and Virnot. 3,183,163.
Society Orogil: *See*—
De Haut, Henri J. 3,200,638.
Socin, Arthur E., to Shunk Mfg. Co. Blade with a plurality of wedge shaped teeth angularly disposed to said blade. 3,192,653, 7–6–65, Cl. 37—141.
Sockel, Paul J., to Gilbert Associates, Inc. Reversing system for condenser circulating water. 3,168,813, 2–9–65, Cl. 61—1.
Socony Mobil Oil Co., Inc.: *See*—
Andress, Harry J., Jr., and Gee. 3,173,945.
Andress, Harry J., Jr., and Gee. 3,199,965.
Andress, Harry J., Jr., and Gee. 3,205,232.
Armstrong, Eldin L. 3,170,878.
Baker, Charles O. 3,223,158.
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Soules, Jack A. Method of evacuating an X-ray tube having a thin window. 3,194,624, 7 13–65, Cl. 316—18.
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Sowinski, Francis A., and H. L. Yale, to Olin Mathieson Chemical Corp. Dihydrodibenzothiazepines. 3,188,323, 6–8–65, Cl. 260—327.
Sowko, John J., to Firth Sterling, Inc. Traction device for tires. 3,220,455, 11–30–65, Cl. 152—210.
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Spaenig, Hermann, G. Schmidt-Thomee, and K. Weizsaecker, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for the control of the temperature in reactors by the indirect exchange of heat by means of water under pressure. 3,165,145, 1–12–65, Cl. 165—2.
Spaeth, Otto L., Jr. Panelized building construction. 3,186,524, 6–1–65, Cl. 189—2.
Spagnolo, Nicolas O. Automatic brake valve including quick service means. 3,223,460, 12–14–65, Cl. 303—38.
Spague, Arthur. Automobile safety belt. 3,174,798, 3–23–65, Cl. 297—385.
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Spalazzi, Alessandro, and A. Morgante, to Common Market Associates Inc. Aerosol apparatus using compressed air or gases for liquid and powder products. 3,191,808, 6–29–65, Cl. 222—82.
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Spalding, Willard P., to Westinghouse Air Brake Co. Pneumatic power actuated clamping apparatus. 3,169,391, 2–16–65, Cl. 73—39.
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Spalten, Robert. Reinforced interchangeable artificial tooth and backing. 3,200,495, 8–17–65, Cl. 32—9.
Spalten, Robert. Interchangeable artificial tooth and backing. 3,200,496, 8–17–65, Cl. 32—9.
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Spangenberg, Robbert E., to Hunter Douglas International (Quebec) Ltd. Ceiling or wall paneling structure. 3,212,224, 10–19–65, Cl. 52—486.
Spangler, Caleb H. Rod supported fishing fly holder. 3,190,027, 6–22–65, Cl. 43—25.2.
Spangler, Gordon W., to Eastman Kodak Co. Process of producing self-crimping fibers. 3,188,714, 6–15–65, Cl. 28—72.
Spangler, Harold G. Telephone switch control device. 3,226,491, 12–28–65, Cl. 179—161.
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Spangler, Raymond G., to Radio Corp. of America. Electrode support means. 3,202,861, 8–24–65, Cl. 313—268.
Spangler, Selden B., Jr., and J. L. Munier, to The Garrett Corp. Apparatus for testing the principles of detonation combustion. 3,225,589,, 12–28–65, Cl. 73—35.
Spangler, Sterling A., to Jedco Corp. Apparatus for applying covers to containers. 3,197,940, 8–3–65, Cl. 53—329.
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Spannhake, Ernst W., and G. J. Gendron, to Raymond International Inc. Downcrowding arrangement for pile driving and the like. 3,172,485, 3–9–65, Cl. 173—147.
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Sparks, Allen K., to Universal Oil Products Co. Preparation of para-nitrohalobenzenes. 3,183,275, 5–11–65, Cl. 260—646.
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Sparks, George C. Clamshell envelope. 3,197,120, 7–27–65, Cl. 229—86.
Sparks, George C. Package for pills and like articles. 3,207,299, 9–21–65, Cl. 206—42.
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Sparks, Robert E., and S. F. Perry, to Esso Research and Engineering Co. Apparatus for deoiling wax. 3,192,125, 6–29–65, Cl. 196—14.5.
Sparks, Thomas, and M. F. Thompson, to North American Aviation, Inc. Tape transport. 3,197,151, 7–27–65, Cl. 242—55.13.

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Sparling, Ray C., and J. A. Braun, to Hersey-Sparling Meter Co. Magnetic drive for fluid flow meters. 3,169,398, 2–16–65, Cl. 73—231.
Sparling, Robert J., to Bausch & Lomb Inc. Microscope optical system including concave reflector element. 3,196,742, 7–27–65, Cl. 88—39.
Sparrow, Hubert T., to Honeywell Inc. Gas control system. 3,171,468, 3–2–65, Cl. 158—115.
Sparrow, Hubert T., to Honeywell Inc. Pulsed fluid amplifier. 3,176,703, 4–6–65, Cl. 137—81.5.
Sparrow, Hubert T., to Honeywell Inc. Modulated control system. 3,176,919, 4–6–65, Cl. 236—68.
Sparrow, Kenneth M., to Lima Electric Motor Co., Inc. Dynamo electric machine. 3,210,644, 10–5–65, Cl. 322—25.
Sparrow, Vernon W., to Bell Punch Co. Ltd. Data recording machines. 3,184,160, 5–18–65, Cl. 235—60.15.
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Sparwald, Volker, to Vereinigte Aluminium-Werke Aktiengesellschaft. Method of producing aluminum. 3,186,832, 6–1–65, Cl. 75—68.
Spates, Henry M., to H & H Engineering Co. Tube bending mandrel. 3,190,106, 6–22–65, Cl. 72—466.
Spathe, Heinz, and H. Gossel, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of oximino-ketones. 3,215,730, 11–2–65, Cl. 260—482.
Spatny, Myles: *See*—
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Spatt, Milton E. Air conditioning apparatus for buses and other vehicles, especially to arrangement and support of high side of refrigerating system. 3,218,820, 11–23–65, Cl. 62—239.
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Spatz, Walter B. Dispensers for fluent masses. 3,220,614, 11–30–65, Cl. 222—252.
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Spaulding, David C., to The B. F. Goodrich Co. Self-curing synthetic polymer composition. 3,215,659, 11–2–65, Cl. 260—29.6.
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Spence, John H., R. B. Bergstrand, and W. Van Der Sluys, to Pullman Inc. Railway vehicle multi-deck superstructure. 3,204,580, 9–7–65, Cl. 105—368.
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Spence, Paulsen, deceased (by L. B. Dexter and O. C. Paulsen, executors), to Spence Engineering Co., Inc. Automatic changeover system. 3,213,875, 10–26–65, Cl. 137—110.
Spence, Paulsen, deceased; L. B. Dexter and O. C. Paulsen, executors, to Spencer Engineering Co., Inc. Desuperheater system. 3,219,323, 11–23–65, Cl. 261—16.
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Spindler, William C., to United States of America, Navy. Chemoelectric heat source. 3,207,149, 9–21–65, Cl. 126—263.

Spinelli, Frank P., and F. S. Nolt, to Automatic Switch Co. Current-controlling circuit for direct-current electromagnetic devices. 3,172,020, 3–2–65, Cl. 317—155.5.

Spingler, Werner, and F. Scheu. Fly cutter mill. 3,166,255, 1–19–65, Cl. 241—101.

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Spinks, Joseph M. Electric control for use on a scale indicator. 3,190,980, 6–22–65, Cl. 200—56.

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Spinnler, Kurt, to Brown, Boveri & Cie, Aktiengesellschaft. Compressed air switch with auxiliary arc gap. 3,176,104, 3–30–65, Cl. 200—148.

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Spinuzza, Russell A; ½ to S. C. Battaglia and ½ to J. P. Gastel. Draught beer controlling and dispensing system. 3,221,936, 12–7–65, Cl. 222—54.

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Spira, Joel S., to Maxson Electronics Corp. Radio beacon system. 3.171,123, 2–23–65, Cl. 343—6.8.

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Spisak, Edward G., to Gar Wood Industries, Inc. Wheel cover. 3,181,915, 5–4–65, Cl. 301—37.

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Spisiak, Daniel R., to Buffalo Forge Co. Hermetic motor-pump construction. 3,225,698, 12–28–65, Cl. 103—87.

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Spitsbergen, Merlin D., and H. I. Craig, to Control Data Corp. Hammer magnet gate system in high speed printers using transistor circuits. 3,185,080, 5–25–65, Cl. 101—93.

Spitsbergen, Merlin D., and F. G. Pensavecchia, to Control Data Corp. Paper advance control circuit in high speed printers. 3,185,283, 5–25–65, Cl. 197—133.

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Spitz, Peter H., to Halcon International, Inc. Process for the thermal chlorination of aliphatic hydrocarbons. 3,177,632, 4–13–65, Cl. 55—71.

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Spitzer, Penn F., Jr., and O. L. Burgenson, Jr., to American Cyanamid Co. Art of promoting crystal growth. 3,180,870, 4–27–65, Cl. 260—256.4.

Spivack, John D., to Geigy Chemical Corp. Antistatic agent for textile materials. 3,180,826, 4–27–65, Cl. 252—8.8.

Spivack, John D., to Geigy Chemical Corp. Tertiary-aminoalkylated primary amines. 3,201,472, 8–17–65, Cl. 260—583.

Spivack, John D., and M. Dexter, to Geigy Chemical Corp. 2-substituted aminothiazoles. 3,192,225, 6–29–65, Cl. 260—306.8.

Spivack, John D., and M. Dexter. 2-Substituted aminothiazoles. 3,201,409, 8–17–65, Cl. 260—306.8.

Spivey, Samuel C. Air-conditioning control system for vehicles and the like. 3,183,964, 5–18–65, Cl. 165—28.

Spivey, Warren R. Apparatus for cutting, feeding and stacking articles of cloth. 3,209,629, 10–5–65, Cl. 83—79.

Spivey, Warren R., and R. G. Warfield. Sewing means in combination with cloth stacking and turning means. 3,219,001, 11–23–65, Cl. 112—2.

Spoczynski, Louis J. Jump rope. 3,212,777, 10–19–65, Cl. 272—75.

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Spohn, Karl, and G. Foll, to Index-Werke KG, Hahn & Tessky. Tool carriage. 3,170,219, 2–23–65, Cl. 29—35.5.

Spohr, Albert R., to Sunbeam Corp. Readily releasable drive connection for appliance. 3,187,360, 6–8–65, Cl. 15—22.

Spohr, Albert R., to Sunbeam Corp. Electrically operated dry shaver. 3,218,708, 11–23–65, Cl. 30—43.92.

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Sporck, Claus L., to The Lodge & Shipley Co. Metal working. 3,184,940, 5–25–65, Cl. 72—68.

Sporck, Claus L., to The Lodge & Shipley Co. Metal working. 3,191,415, 6–29–65, Cl. 72—78.

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Sprague, James M., to Merck & Co., Inc. Process for the preparation of 1,2,4-benzothiadiazine-1,1-dioxides. 3,164,589, 1–5–65, Cl. 260—243.

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Sprague, John L., and O. J. Wied, to Sprague Electric Co. Silicon dioxide capacitor. 3,182,376, 5–11–65, Cl. 29—25.41.

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Sprague, Stephen B., to McGraw-Edison Co. Pry-off latch for disconnect switch. 3,193,632, 7–6–65, Cl. 200—48.

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Sprague, Theodore S., to The Babcock & Wilcox Co. Once-through vapor generator. 3,215,126, 11–2–65, Cl. 122—451.

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Spreen, Robert G., to The Cincinnati Milling Machine Co. Method of drilling. 3,204,492, 9–7–65, Cl. 77—5.

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Stein, Joseph A., to Bacharach Industrial Instrument Co. Filter gauge. 3,185,041, 5–25–65, Cl. 92—94.
Stein, Joseph L., to General Refractories Co. Divided taper brick. 3,220,367, 11–30–65, Cl. 110—99.
Stein, Larry, and S. J. Childress, to American Home Products Corp. Method for relieving depression and composition therefor. 3,218,232, 11–16–65, Cl. 167—65.
Stein, Lawrence: *See*—
Fields, Paul R., Zirin, and Stein. 3,185,548.
Stein, Laurence B., Jr.: *See*—
Pierce, Robert H., and Stein. 3,187,282.
Stein, Leo, to Stein Bros. Mfg. Co. Carrying case with freely hinged closure. 3,169,615, 2–16–65, Cl. 190—48.
Stein, Leo. Means for protectively concealing the stitching of articles. 3,203,517, 8–31–65, Cl. 190—54.
Stein, Marcel. Top roll for drafting devices on textile machines. 3,203,073, 8–31–65, Cl. 29—113.
Stein, Nathan, to Socony Mobil Oil Co., Inc. Cementing of wells in the earth. 3,219,109, 11–23–65, Cl. 166—12.
Stein, Paul G.: *See*—
LeMay, Dan B., Parker, Paul, Silver, Stein, and Wood. 3,167,954.
Stein, Raphael. Hopper and feed mechanism. 3,170,595, 2–23–65, Cl. 221—182.
Stein & Roubaix: *See*—
Boutigny, Robert, and Amadieu. 3,179,390.
Stein & Roubaix, Societe Anonyme: *See*—
Mirigay, Rene F. 3,197,186.
Navez, Emile, and Demoulin. 3,197,184.
Stein, Roy E.: *See*—
Ablon, Meyer H. 3,198,051.
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Stein, Sam S., and Cerny. 3,222,713.
Stein, Sam S., and L. L. Cerny, to Sam Stein Associates Inc. Meat scoring machine. 3,222,713, 12–14–65, Cl. 17—26.
Stein, Samuel, to United States of America, National Aeronautics and Space Administration. Injector-valve device. 3,170,286, 2–23–65, Cl. 60—35.6.
Stein, Werner: *See*—
Voss, Manfred, Baumann, and Stein. 3,164,609.
Stein, William. Dispensing containers for granular products having a resilient perforated plug and closure cap therefor. 3,197,092, 7–27–65, Cl. 222—545.
Stein, William A.: *See*—
Brittain, Edward G., and Stein. 3,182,227.
Steinacker, Peter, to Westfalia Separator AG. Centrifugal separator. 3,167,509, 1–26–65, Cl. 233—20.
Steinacker, Peter, to Westfalia Separator AG. Centrifugal separator bowl with periodically operated sludge discharge means. 3,193,194, 7–6–65, Cl. 233—20.
Steinbach, Hermann J. Pasture conditioner. 3,225,835, 12–28–65, Cl. 172—138.
Steinbach, Karl, P. Wentzel, and K. Dinter, to Siemens & Halske A.G. Control system. 3,166,278, 1–19–65, Cl. 246—182.
Steinbach, Karl, and P. Wentzel, to Siemens & Halske A.G. Brake system. 3,171,621, 3–2–65, Cl. 246—182.
Steinbach, Karl-Heinz, and R. Gass, to Farbenfabriken Bayer Aktiengesellschaft. Feeler-type integration for measuring rates of flow. 3,208,279, 9–28–65, Cl. 73—206.
Steinbach, Thomas M.: *See*—
Schory, Kenneth P., and Steinbach. 3,202,270.
Steinbach-Van Gaver, Georgette, and R. Magni, to Compagnie de Saint-Gobain. Preparation of copolymers of vinyl chloride-vinyl carbazole using a boron trialkylmonoamine catalyst. 3,216,984, 11–9–65, Cl. 260—77.5.
Steinback, Clarence I., to Acrometal Products, Inc. Anti-trap wire spool. 3,215,362, 11–2–65, Cl. 242—118.8.
Steinbart, Hiltrude. Mechanism for the delivery by a box, of cottonwool, sprinkled with disinfectants. 3,189,228, 6–15–65, Cl. 222—129.
Steinberg, Bernard D.: *See*—
Sunstein, David E., and Steinberg. 3,168,699.
Steinberg, Howard: *See*—
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Willcokson, George W., and Steinberg. 3,187,054.
Steinberg, Hyman A. Cover construction for heating compartment of solar oven. 3,174,476, 3–23–65, Cl. 126—270.
Steinberg, Nathan G.: *See*—
Hirschmann, Ralph F., and Steinberg. 3,179,658.
Steinberg, Richard, and A. Fraga, to Slant/Fin Radiator Corp. Radiator with anti-tampering enclosure. 3,175,607, 3–30–65, Cl. 165—55.
Steinberg, Solomon. Automatic system for web length measurement. 3,167,865, 2–2–65, Cl. 33—127.
Steinberger, Dora. Combined brassiere and girdle attached together by zipper means. 3,185,156, 5–25–65, Cl. 128—438.
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Loef, Jakob M. J. 3,190,473.
Steinbock, Nathan. Shoe construction. 3,199,233, 8–10–65, Cl. 36—24.5.
Steinbrecher, Ernst E. Radio frequency amplifying and modulating devices. 3,195,072, 7–13–65, Cl. 332—7.
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Steinbrunn, Gustav, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of urea derivatives. 3,174,991, 3–23–65, Cl. 260—465.
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Steineman, Norbert F. Bore axis locating tool. 3,167,866, 2–2–65, Cl. 33—172.
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Steinemann, Willy, to Sandoz Ltd. (also known as Sandoz A.G.). Metal-containing reactive azo dyes. 3,202,649, 8–24–65, Cl. 260—146.
Steinemann, Willy, to Sandoz Ltd. Metal-containing reactive azo dyes. 3,202,650, 8–24–65, Cl. 260—146.
Steinen, William F. Draft regulator. 3,206,119, 9–14–65, Cl. 236—45.
Steiner, Adam P., to The Singer Co. Presser foot adjusting device. 3,204,593, 9–7–65, Cl. 112—240.
Steiner, Alfred, to American Can Co. Filling machine. 3,176,729, 4–6–65, Cl. 141—275.
Steiner, Alois. Stair-climbing vehicle. 3,195,910, 7–20–65, Cl. 280—5.22.
Steiner American Corp.: *See*—
Bahnsen, Erwin B. 3,214,226.
Bahnsen, Erwin B. 3,222,006.
Bahnsen, Erwin B. 3,222,112.
Steiner, Charles. Combination enclosure and stand for books and like articles. 3,195,850, 7–20–65, Cl. 248—454.
Steiner, Erhard, to Siemens & Halske Aktiengesellschaft. Feedback transistor modulator for frequency division and frequency multiplication. 3,188,483, 6–8–65, Cl. 307—88.5.
Steiner, Frazier F.: *See*—
Steiner, George, and De Maire. 3,165,942.
Steiner, Fritz: *See*—
Kramar, Ernst, and Steiner. 3,181,159.
Steiner, Fritz, to International Standard Electric Corp. Wide base doppler radio navigation system. 3,195,134, 7–13–65, Cl. 343—106.
Steiner, Fritz, to International Standard Electric Corp. Arithmetic unit. 3,202,810, 8–24–65, Cl. 235—197.
Steiner, Fritz, to International Standard Electric Corp. Analogue indicating device. 3,207,121, 9–21–65, Cl. 116—18.
Steiner, George, and J. H. De Maire, 50% to F. F., G. S., and N. L. Steiner. Flexible steering column. 3,165,942, 1–19–65, Cl. 74—493.
Steiner, George M., to Burt Mfg. Co. Quick release ventilators. 3,202,079, 8–24–65, Cl. 98—42.
Steiner, George S.: *See*—
Steiner, George, and De Maire. 3,165,942.
Steiner, Harold K. Dispenser for liquid and semi-liquid materials. 3,217,932, 11–16–65, Cl. 222—95.
Steiner, Harry. Garment with uplift breast support. 3,173,421, 3–16–65, Cl. 128—485.
Steiner, Harry. Garment with abdominal control panel. 3,177,876, 4–13–65, Cl. 128—547.
Steiner, Harry. Brassiere. 3,181,537, 5–4–65, Cl. 128—492.
Steiner, Harry C., to General Electric Co. Gas diode having auxiliary cathode for fault currents. 3,193,718, 7–6–65, Cl. 313—189.
Steiner, Herbert M. E., and A. N. Roper, to The M. W. Kellogg Co. Process of pyrolyzing a para-xylyl halide. 3,213,041, 10–19–65, Cl. 260—2.
Steiner, Joseph M.: *See*—
Dereich, John E., and Steiner. 3,178,506.
Steiner, Joseph M., to Westinghouse Electric Corp. Hermetically enclosed electronic device. 3,209,065, 9–28–65, Cl. 174—52.
Steiner, Max, to Sulzer Freres, S.A. Apparatus for weaving selvageless cloth. 3,174,516, 3–23–65, Cl. 139—292.
Steiner, Max, and C. F. Jackson, to Owens-Corning Fiberglas Corp. Non-elastic extensible yarn. 3,166,884, 1–26–65, Cl. 57—140.
Steiner, Nelson L.: *See*—
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Steiner, Robert H.: *See*—
Updegrove, Louis B., Mincher, and Steiner. 3,222,211.
Steiner, Robert H., T. B. Simpson, and J. E. Hammond, to National Distillers and Chemical Corp. Novel packaging film and processes therefor. 3,222,191, 12–7–65, Cl. 99—174.
Steiner, Russell I.: *See*—
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Steiner, Simon D., to Healthways. Tapered bar bell weight. 3,219,343, 11–23–65, Cl. 272—84.
Steiner, Wilford L., to Goodyear Aerospace Corp. Automatic focus control system and method. 3,211,831, 10–12–65, Cl. 178—7.92.
Steiner, William R., to General Motors Corp. Refrigerating apparatus. 3,218,111, 11–16–65, Cl. 312—214.
Steinert, Elmer R.: *See*—
Buseth, Richard A., Steinert, and Kiszko. 3,224,728.
Steinert, Gerhard, to Kohlenscheidungs-Gesellschaft m.b.H. Slagging cyclone furnace. 3,180,289, 4–27–65, Cl. 110—28.
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Merten, Rudolf, Frohberger, and Steinfatt. 3,210,245.
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Steingiser, Samuel, and I. O. Salyer, to Monsanto Co. Stabilization of polyethylene for thermal processing with sulfides of dialkyl phenols. 3,170,893, 2–23–65, Cl. 260—45.95.
Steingroever, Erich A., to Elektro-Physik Hans Nix & Dr. Ing. Steingroever. Adjustable permanent magnet. 3,164,756, 1–5–65, Cl. 317—159.
Steingroever, Erich A., to Magnetfabrik Bonn Gewerkschaft Windhorst. Correction magnets for cathode-ray tubes and methods for magnetizing same. 3,205,414, 9–7–65, Cl. 317—200.
Steingroever, Erich A., and G. F. A. Heimke, to Magnetfabrik Bonn Gewerkschaft Windhorst. Method of producing columnar crystal texture in sintered permanent magnets. 3,219,496, 11–23–65, Cl. 148—105.
Steingruebner, Arthur, to Wahl Brothers. Apparatus for making interlocking zipper elements. 3,220,055, 11–30–65, Cl. 18—1.
Steinhagen, William K., and E. W. Yott, to General Motors Corp. Method and apparatus for conditioning cars. 3,183,962, 5–18–65, Cl. 165—3.
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Steinhardt, Gary H., and P. H. Boulter. Coating apparatus including improved mounting for applicator roll. 3,219,011, 11–23–65, Cl. 118—249.
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Steinhardt, Howard L., and Krize. 3,196,381.
Steinhardt, Howard L., and G. L. Krize, to H. L. Steinhardt. Instrument panel-mounted electrical jack or receptacle. 3,196,381, 7–20–65, Cl. 339—129.
Steinhardt, Ralph G., Jr., to Hollins College Corp. Process and apparatus for maintaining constant low temperatures. 3,195,620, 7–20–65, Cl. 165—2.
Steinhauer, Alfred F., and J. C. Valenta, to The Dow Chemical Co. Hypochlorite bleaching compositions. 3,172,861, 3–9–65, Cl. 252—187.
Steinhauer, Alfred F., and D. G. Brown, to The Dow Chemical Co. Alkylhalonaphthalene sulfonates. 3,201,461, 8–17–65, Cl. 260—505.
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Steinhoff, Reynold, to Radio Corp. of America. Constant power output high frequency tuning circuit and apparatus. 3,195,071, 7–13–65, Cl. 331—107.
Steinholtz, Gosta: *See*—
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Steiniger, Herman W., and J. E. Irvine, to The Bauer Bros. Co. Refiner base structure. 3,166,260, 1–19–65, Cl. 241—285.
Steininger, Erwin, to Socony Mobil Oil Co., Inc. 1,5-dioxaspiro-2,4-heptane and a method for its preparation. 3,176,026, 3–30–65, Cl. 260—347.8.
Steininger, Erwin, to Socony Mobil Oil Co., Inc. Tetrahydrofurans and a method for their preparation. 3,187,017, 6–1–65, Cl. 260—347.8.
Steinkamp, Robert A., to Ripley Co., Inc. Meter device. 3,195,814, 7–20–65, Cl. 235—113.
Steinkamp, Robert A., to Ripley Co., Inc. Multiple electrical connector with longitudinal spaced contacts carried by insulating key. 3,222,471, 12–7–65, Cl. 200—51.07.
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Bender, Alfred, and Steinke. 3,211,164.
Steinle, James R. Fishing rod. 3,196,572, 7–27–65, Cl. 43—22.
Steinle, Robert H., to Sperry Rand Corp. Planographic printing plate having a fibrous alumina coating thereon. 3,208,849, 9–28–65, Cl. 96—75.
Steinman, Eliahu. Hydraulic flow control device. 3,172,423, 3–9–65, Cl. 137—493.
Steinman, Harold M.: *See*—
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Steinmayer, Alwin G., Jr.: *See*—
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Steinmetz, Hyman, and S. Lazerus, to United Nuclear Corp. Electrolytic indicator with an electrode having a thin frangible coating thereon. 3,210,662, 10–5–65, Cl. 324—94.
Steinmetz, James: *See*—
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Steinmetz, Otto, to International Standard Electric Corp. Telephone ring-trip arrangement. 3,187,106, 6–1–65, Cl. 179—18.
Steinmueller, Ralph E.: *See*—
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Dietert, Harry W., Steinmueller, and R. L. Dietert. 3,172,285.
Steinmuller, L. & C., G.m.b.H.: *See*—
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Fikenscher, Friedrich. 3,189,083.
Steinort, Eberhard, to Centro Magneti Permanenti, S.p.A. Method of effecting gamma phase precipitation to produce a monocrystalline growth in permanent magnets. 3,219,495, 11–23–65, Cl. 148—101.
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Zurbrigen, James A., and Steinsberger. 3,168,908.
Zurbrigen, James A., and Steinsberger. 3,168,909.
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Sepp, Oscar W., Jr. 3,173,636.
Sepp, Oscar W., Jr. 3,188,027.
Steinway, Josef H. Locking arrangement for semitrailer coupling. 3,224,788, 12–21–65, Cl. 280—434.
Steinwedel, Delmar C., to Seymour Tool & Engineering Co., Inc. Plumbing tool. 3,189,934, 6–22–65, Cl. 15—406.
Steisslinger, Kurt, to Eastman Kodak Co. Photographic camera with automatic and/or manual exposure control. 3,173,350, 3–16–65, Cl. 95—64.
Steisslinger, Kurt, to Eastman Kodak Co. Film speed setting device for cameras. 3,183,807, 5–18–65, Cl. 95—10.
Steisslinger, Kurt, and P. Härter, to Eastman Kodak Co. Coupling between delayed-action mechanism and camera actuating mechanism. 3,208,364, 9–28–65, Cl. 95—53.3.
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Steitz, Alfred, Jr., and S. P. Sharp, to Standard Oil Co. Olefin polymerization process using a catalyst containing a normal alkyl bromide. 3,177,195, 4–6–65, Cl. 260—94.9.
Stekly, Zdenek J. J., and E. D. Hoag, to Avco Corp. Superconductive connector. 3,200,368, 8–10–65, Cl. 339—265.
Stel, Marinus, to North American Philips Co., Inc. Glass cathode-ray tube for the reproduction of images. 3,206,056, 9–14–65, Cl. 220—2.1.
Stel, Marinus, P. H. Fennema, W. F. Nienhuis, and C. J. W. Panis, to North American Philips Co., Inc. Glass cathode ray tube for reproducing images. 3,166,211, 1–19–65, Cl. 220—2.1.
Stell, George H.: *See*—
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Stello, Phyllis E., to Hughes Aircraft Co. Electro-optical light shutter. 3,164,665, 1–5–65, Cl. 88—61.
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Feldman, Stanley I. 3,187,097.
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Stelmak, John P., to Westinghouse Electric Corp. Monolithic two stage unipolar-bipolar semiconductor amplifier device. 3,173,101, 3–9–65, Cl. 330—37.
Stelmak, John P., to Westinghouse Electric Corp. Semiconductor devices providing the functions of a plurality of conventional components. 3,174,112. 3–16–65, Cl. 330—37.
Stelmak, John P., to Westinghouse Electric Corp. Process for treating semiconductors. 3,206,340, 9–14–65, Cl. 148—183.
Stelmak, John P., and J. D. Husher, to Westinghouse Electric Corp. Monolithic semiconductor oscillator. 3,165,708, 1–12–65, Cl. 331—108.
Stelniceanu, Jacques D. Foldable ironing board. 3,199,472, 8–10–65, Cl. 108—119.
Stelter, William M. Carburetion optimization structure. 3,168,085, 2–2–65, Cl. 123—141.
Stelts, Philip D., to Air Products and Chemicals Inc. Low heat leak connector for cryogenic system. 3,215,313, 11–2–65, Cl. 222—131.
Stelzen, Fred. Fish holder and scraper. 3,181,198, 5–4–65. Cl. 17—8.
Stelzer, Carl, to Hauni-Werke Korber & Co., K.G. Method and device for producing multiple filter rods for filter tip cigarettes. Re. 25,917, 11–30–65, Cl. 93—1.
Stelzer, Jakob, to H. T. Golde G.m.b.H., & Co., KG. Power operated regulating mechanism. 3,174,742, 3–23–65, Cl. 268—124.
Stelzer, James S., to Peter Eckrich & Sons, Inc. Packaging member. 3,215,333, 11–2–65, Cl. 229—51.
Stelzer, William, to Kelsey-Hayes Co. Electrically controlled trailer brake system. 3,164,414, 1–5–65, Cl. 303—6.
Stelzer, William, to Kelsey-Hayes Co. Vehicle brake mechanism. 3,164,415, 1–5–65, Cl. 303—6.
Stelzer, William, to Kelsey-Hayes Co. Motor vehicle hydraulic brake system. 3,168,351, 2–2–65, Cl. 303—6.
Stelzer, William, to Kelsey-Hayes Co. Tractor trailer brake system. 3,168,352, 2–2–65, Cl. 303—7.
Stelzer, William, to Kelsey-Hayes Co. Anti-skid brake control. 3,172,505, 3–9–65, Cl. 188—181.
Stelzer, William, to Kelsey-Hayes Co. Fluid pressure motor control system. 3,172,706, 3–9–65, Cl. 303—6.
Stelzer, William, to Kelsey-Hayes Co. Pressure producing device for automotive braking systems. 3,174,285, 3–23–65, Cl. 60—54.6.
Stelzer, William, to Kelsey-Hayes Co. Hydraulic brake system and pressure regulating device therefor. 3,180,693, 4–27–65, Cl. 303—6.
Stelzer, William, to Kelsey-Hayes Co. Automatic load control braking system for motor vehicles. 3,180,694, 4–27–65, Cl. 303—7.
Stelzer, William, to Kelsey-Hayes Co. Vehicle brake device. 3,182,760, 5–11–65, Cl. 188—152.
Stelzer, William, to Kelsey-Hayes Co. Fluid pressure motor mechanism. 3,183,789, 5–18–65, Cl. 91—369.

Stelzer, William, to Kelsey-Hayes Co. Anti-skid brake control. 3,203,516, 8–31–65, Cl. 188—181.
Stelzer, William, to Kelsey-Hayes Co. Pressure proportioning master cylinder. 3,210,941, 10–12–65, Cl. 60—54.5.
Stelzer, William, to Kelsey-Hayes Co. Brake pressure proportioning device. 3,217,494, 11–16–65, Cl. 60—54.5.
Stelzer, William, to Kelsey-Hayes Co. Brake pressure proportioning valve. 3,217,495, 11–16–65, Cl. 60—54.5.
Stelzer, William, to Kelsey-Hayes Co. Compound pressure proportioning master cylinder. 3,220,188, 11-30–65, Cl. 60—54.5.
Stelzer, William, to Kelsey-Hayes Co. Brake operating mechanism. 3,222,868, 12–14–65, Cl. 60—54.6.
Stelzer, William. Letter weighing scale. 3,224,516, 12–21–65, Cl. 177—172.
Stemmiski, John R., to Monsanto Research Corp. Lubricant composition containing a haloalkanoic compound. 3,226,-323, 12–28–65, Cl. 252—33.6.
Stemmler, Kurt, to Winkler & Dunnebier Maschinenfabrik und Eisengiesserei. Bottom flap trimmer with adjustable fixed blade. 3,166,965, 1–26–65, Cl. 83—175.
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Stempel, Arthur, to Hoffmann-La Roche Inc. Carbobenzoxyglycylaminobenzophenones. 3,202,699, 8–24–65, Cl. 260—471.
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Stenart, Alois, H. Tschatsch, and G. Nadorff, to Eisenwerk Rothe Erde G.m.b.H. Composite bearing and method of making the same. 3,208,804, 9–28–65, Cl. 308—15.
Stenberg, Erik G.: *See*—
Wahlstrom, Per B., and Stenberg. 3,216,892.
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Stenberg, Sifgrid, Aktiebolaget: *See*—
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Stenby, Walter H. Speech-controlled apparatus and method for operating speech-controlled apparatus. 3,215,821, 11–2–65, Cl. 235—151.
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Stene, Manfred, to Erickson Electrical Equipment Co. Switch and fuse combination having a drive rod for operating switches which is paralled to the switches in one position and to the fuses in another position. 3,213,247, 10–19–65, Cl. 200—114.
Stene, Manfred, and C. H. Stumpfhaus, to H. K. Porter Co., Inc. Disconnecting switch. 3,174,004, 3–16–65, Cl. 200—48.
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Greeley, Edward M., and Stenerson. 3,200,604.
Stengel, James L., and N. D. Lewis. Granite bowling lane. 3,223,415, 12–14–65, Cl. 273—51.
Stengel, Leonard A., and R. L. Abbott, to Commercial Solvents Corp. Process for producing nitroparaffins by reacting an alkyl nitrite with a nitrating agent. 3,209,038, 9–28–65, Cl. 260—644.
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Livingston, William L., Stengel, and McNair. 3,202,139.
Stengel, Mathew P., to Combustion Engineering, Inc. Method and system for operating a furnace. 3,183,864, 5–18–65, Cl. 110—1.
Stenger, Hans G., to Owens-Illinois Glass Co. Injection molding machine. 3,188,691, 6–15–65, Cl. 18—30.
Stenger, Harvey G., and T. M. Kropiwnicki, to Carrier Corp. Attachment for use with a reciprocating compressor. 3,167,293, 1–26–65, Cl. 248—309.
Stenger, Richard C., and R. L. Humphries, to Bradford Speed Packaging and Development Corp. End wall construction of folding boxes. 3,206,098, 9–14–65, Cl. 229—36.
Stenger, Vernon A., and C. E. Van Hall, to The Dow Chemical Co. Automatically discharging condensate trap. 3,196,893, 7–27–65, Cl. 137—204.
Stengl, Robert, to Standard Grigsby Inc. Method of making an electrical switch. 3,167,852, 2–2–65, Cl. 29—155.55.
Stengl, Robert, to Standard Grigsby Inc. Rotary wafer type electrical switch. 3,177,308, 4–6–65, Cl. 200—11.
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Stentz, Blair E., and J. E. Vaught, to United Service Equipment Co., Inc. Bumper floor lock for wheeled vehicles. 3,194,346, 7–13–65, Cl. 188—5.
Stenuick, Andre P. C., to Halifax Tool Co. Ltd. Rock drilling apparatus. 3,169,584, 2–16–65, Cl. 173—18.
Stenzel, Richard W., and W. F. Eberz. Method and apparatus for measuring dispersed materials in oils. 3,167,949, 2–2–65, Cl. 73—53.
Stenzel, Richard W., and D. W. Turner, to Petrolite Corp. Electric treater for dispersions. 3,205,160, 9–7–65, Cl. 204—302.
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Stepath, Myron D., to Arcair Co. Cutting and gouging torch. 3,210,514, 10–5–65, Cl. 219—70.
Stephan, Hallis N., to The New Britain Machine Co. Combined horizontal boring, drilling and milling machine. 3,187,609, 6–8–65, Cl. 77—3.
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Stephens, Robin W., and B. Grushkin, to W. R. Grace & Co. Phosphonitrilic flameproofing materials. 3,193,397, 7–6–65, Cl. 106—15.
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Stephenson, James R., deceased; C. M. Stephenson, executor. Automatic casting rod with line gripping means. 3,165,855, 1–19–65, Cl. 43—19.
Stephenson, John S., to Imperial Chemical Industries Ltd. Naphthalene derivatives. 3,215,732, 11–2–65, Cl. 260—501.
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Hofstra, Peter C., and Engelsher. 3,204,633.
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Sterling, George B., to The Dow Chemical Co. Propynyl derivatives of alpha and beta conidendrol. 3,197,486, 7–27–65, Cl. 260—343.3.
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Sterling, Walter S., to Pneumatic Scale Corp., Ltd. Closure handling machine. 3,164,292, 1–5–65, Cl. 221—10.
Sterling, Walter S., to Pneumatic Scale Corp. Ltd. Article handling and orienting apparatus. 3,209,888, 10–5–65, Cl. 198—33.
Sterman, Melvin D., and L. M. Minsk, to Eastman Kodak Co. Photographic film having antistatic agent therein. 3,206,312, 9–14–65, Cl. 96—87.
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Stern, Charles J., Jr., to Nease Chemical Co., Inc. Bis-tributyltin carbonate and a method for the preparation thereof. 3,214,453, 10–26–65, Cl. 260—429.7.
Stern, David R., and R. D. Stewart, to American Potash & Chemical Corp. Ternary alkali metal alloy. 3,173,783, 3–16–65, Cl. 75—134.
Stern, David R., and R. D. Stewart, to American Potash & Chemical Corp. Process for producing power. 3,195,304, 7–20–65, Cl. 60—36.
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Stern, Hans. Handling of granular material. 3,223,288, 12–14–65, Cl. 222—194.

Stern, Hansjoerg, to General Electric Co. Apparatus for minimizing spots on articles washed in automatic dishwashers. 3,186,418, 6–1–65, Cl. 134—58.
Stern, Harry, to M. M. Rosenfeld. Bicycle operated generator. 3,210,634, 10–5–65, Cl. 320—61.
Stern, Herman A., to United States of America, Atomic Energy Commission. Phosphor deposition. 3,199,939, 8–10–65, Cl. 316—5.
Stern, Jan P., and R. M. Mitchell, to R. A. Jones and Co., Inc. Display carrier. 3,202,448, 8–24–65, Cl. 294—87.2.
Stern, Jerome J., to The Panray Corp. Surface treating device. 3,208,452, 9–28–65, Cl. 128—315.
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Stern, Lionel, and B. M. Hadaway, to Repco Ltd. Production of composite metal strip suitable for the manufacture of bearings. 3,195,991, 7–20–65, Cl. 29—197.
Stern, Marvin A., to General Dynamics Corp. Waveform time compression system. 3,184,721, 5–18–65, Cl. 340—174.
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Sternbach, Leo H., and G. Saucy, to Hoffmann-La Roche Inc. Benzodiazepine compounds. 3,182,054, 5–4–65, Cl. 260—239.
Sternbeck, Olaf, to Telefonaktiebolaget L M Ericsson. Procedure of manufacturing impregnated electrical condensers. 3,165,568, 1–12–65, Cl. 264—272.
Sternbeck, Olaf, to Telefonaktiebolaget L M Ericsson. Electric condenser embedded in a thermosetting resin and provided with a protector breakable by an interior overpressure. 3,185,905, 5–25–65, Cl. 317—256.
Sternbeck, Olaf, to Telefonaktiebolaget L. M. Ericsson. Electric condenser enclosed in a metal envelope and provided with a protector breakable by an interior overpressure. 3,221,225, 11–30–65, Cl. 317—256.
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Sternberg, Samuel. Detachable stirrup for women's slacks and stretch-pants. 3,200,414, 8–17–65, Cl. 2—232.
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Sterner, Melvin F., N. M. Romeo, F. J. Marsee, and W. E. Egerer, deceased (D. F. Egerer, executor), to Holley Carburetor Co. Carburetor. 3,207,490, 9–21–65, Cl. 261—34.
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Sterzl, Carl F., to Stauffer Chemical Co. Cathode housing structure. 3,192,301, 6–29–65, Cl. 13—1.
Stetka, Daniel G., to Western Electric Co., Inc. Methods of and apparatus for reeling strands in a multicycle operation. 3,167,901, 2–2–65 ,Cl. 57—34.
Stetson, Harold W., to Radio Corp. of America. Method of making multilayer circuits. 3,189,978, 6–22–65, Cl. 29—155.5.
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Steuer, Herbert, to Reimers-Getriebe KG. Automatic belt or chain tightening mechanism for an infinitely variable cone pulley transmission. 3,190,136, 6–22–65, Cl. 74—230.17.
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Steuer, Norman F. Foldable furniture. 3,212,464, 10–19–65, Cl. 108—159.
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Steven, Ray L. Bathtub construction. 3,187,350, 6–8–65, Cl. 4—177.
Stevenhagen, Pieter G., to North American Philips Co., Inc. Memory matrix with insulating frame. 3,201,766, 8–17–65, Cl. 340—174.
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Stevens, Carlile R., and H. C. Moritz, to Royal Industries, Inc. Character read-out device. 3,200,396, 8–10–65, Cl. 340—378.
Stevens, Charles R. Apparatus for repetitively unstacking blocks of sheet material. 3,174,633, 3–23–65, Cl. 214—8.5.
Stevens, Clarence E., to The Filtex Corp. Installed suction cleaner system. 3,166,393, 1–19–65, Cl. 55—358.
Stevens, David B., and E. Shermeister. Pressure relief device for fuel pumps. 3,168,044, 2–2–65, Cl. 103—41.
Stevens, Donald G., G. E. King, and A. F. Miller, to The Standard Oil Co. (Ohio) Removal of saturated carbonyls from acrylonitrile. 3,185,636, 5–25–65, Cl. 202—57.
Stevens, Donald R., to Collins Radio Co. Shaft rotational velocity and direction indicating means utilizing a pulse producing and blocking commutator. 3,210,658, 10–5–65, Cl. 324—70.
Stevens, Donald R., to Collins Radio Co. Radio frequency matrix switch with integral automatic stub disconnect. 3,215,954, 11–2–65, Cl. 333—7.
Stevens, Eddie S., to D. Moretti. Apparatus and method for air to air heat exchange. 3,225,819, 12–28–65, Cl. 165—2.
Stevens, Edgar L. Stamping and recording machine for fruit cartons. 3,177,802, 4–13–65, Cl. 101—44.
Stevens, Edgar L. Carton stamping means. 3,195,452, 7–20–65, Cl. 101—42.
Stevens, Edgar T.: *See*—
Harrod, Edgard B., Jr., and Stevens. 3,223,237.
Stevens, Eric S.: *See*—
Rockwood, Albert M., Rogers, and Stevens. 3,216,036.
Stevens, Eric S., to Brunswick Corp. Shoe sanitizing device. 3,184,277, 5–18–65, Cl. 312—276.
Stevens, Eric S., to Brunswick Corp. Buffer roll device. 3,192,606, 7–6–65, Cl. 29—118.
Stevens, Eric S., and C. R. Walbert, to Brunswick Corp. Lane maintenance machine. 3,216,037, 11–9–65, Cl. 15—98.

Stevens, Ernest G.: *See*—
Harper, Lyndus E., and Stevens. 3,180,526.
Stevens, Frank E.: *See*—
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Stevens, Frederick F., Jr. Two shot pocket pistol. 3,193,960, 7–13–65, Cl. 42—8.
Stevens, George D., to Ansul Co. Nitrogen-containing silicon polymer, method of coating therewith and coated product. 3,203,825, 8–31–65, Cl. 117—62.1.
Stevens, George R., and J. J. Stipo. Machine for automatically ejecting customers' cards when fuel delivery is due and for other purposes. 3,166,214, 1–19–65, Cl. 221—4.
Stevens, Glenn: *See*—
Short, Vincent R., and Stevens. 3,212,978.
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Stevens, Guy W. W., to Eastman Kodak Co. Photographic film. 3,220,841, 11–30–65, Cl. 96—78.
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Squier, William H., and Julian. 3,175,936.
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Von Bergen, Werner, and Wolf. 3,223,473.
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Stevens, Jack D. Hydraulic power system for tractors. 3,196,605, 7–27–65, Cl. 60—6.
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Stevens, Mack E., R. A. Monk, and N. W. Slick. Engine propelled water ski. 3,165,087, 1–12–65, Cl. 115—70.
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Mertler, Charles S. 3,218,417.
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Stevens, Norman J., to Carrier Corp. Method of molding a thermoelectric couple. 3,201,504, 8–17–65, Cl. 264—104.
Stevens, Quinn O. Anti-noise and splash screen for a toilet. 3,212,104, 10–19–65, Cl. 4—1.
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Stevens, Wellington. Material dispensing apparatus. 3,165,237, 1–12–65, Cl. 222—56.
Stevens, William B. Spreading mechanism for pulverulent material. 3,164,305, 1–5–65, Cl. 222—197.
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Stevenson, David L., and P. R. Stephenson. Destructible tokens and meter system therefor. 3,209,882, 10–5–65, Cl. 194—4.
Stevenson, Gerald W. Rider stabilized roller skate provided with brake means actuated by tilting of the brake. 3,224,785, 12–21–65, Cl. 280—11.2.
Stevenson, Graham T., to The Dow Chemical Co. Pyridinols employed in animal husbandry. 3,206,358, 9–14–65, Cl. 167—53.
Stevenson, Graham T., to The Dow Chemical Co. Methods and compositions for use in animal husbandry. 3,215,597, 11–2–65, Cl. 167—53.
Stevenson, Herbert A., J. R. Marshall, and A. F. Hams, to Boots Pure Drug Co. Ltd. Fungicidal sulphones and sulphoxides. 3,186,904, 6–1–65, Cl. 167—30.
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Stevenson, John, Jr., to Illinois Tool Works Inc. Stripping means for a container pack forming machine. 3,221,470, 12–7–65, Cl. 53—48.
Stevenson, John A. Time and temperature indicating apparatus. 3,177,718, 4–13–65, Cl. 73—344.
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Stevenson, Robert L. Belt buckle. 3,191,253, 6–29–65, Cl. 24—77.
Stevenson, Samuel B., to F.D.S. Mfg. Co., Inc. Box liner blank. 3,209,936, 10–5–65, Cl. 217—3.
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Stevenson, Wilbur W. Flow meter. 3,183,712, 5–18–65, Cl. 73—203.
Steverding, Bernard, and D. L. Turpen, to United States of America, Army. Vacuum fatigue apparatus. 3,194,059, 7–13–65, Cl. 73—67.3.
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Steward, Wendell B., to Schlumberger Well Surveying Corp. Electrically conductive conduit. 3,206,537, 9–14–65, Cl. 174—47.
Steward, William A. Work control and scheduling device. 3,224,128, 12–21–65, Cl. 40—96.
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Stewart, Alva T., and R. F. Fischer, to Shell Oil Co. Process for preparing high molecular weight polymers of unsaturated aldehydes and resulting products. 3,167,529, 1–26–65, Cl. 260—67.
Stewart, Alva T., and R. F. Fischer, to Shell Oil Co. Polymerization of unsaturated monomers with catalysts of neutral metal halide salts. 3,215,672, 11–2–65, Cl. 260—67.
Stewart, Alva T., Jr., and A. C. Nixon, to Shell Oil Co. Process for polymerizing unsaturated aldehydes and resulting products. 3,215,612, 11–2–65, Cl. 204—154.
Stewart, Anthony F. Rear view mirror. 3,168,277, 2–2–65, Cl. 248—226.
Stewart, Arthur H. Bit assembly and chip ejector means therefor. 3,180,379, 4–27–65, Cl. 145—117.
Stewart, Aubrey P., Jr., to Nodaway Valley Foods Inc. Steam injection heater. 3,182,975, 5–11–65, Cl. 261—34.
Stewart, Bruce E., to Whirlpool Corp. Releasably attachable wheel device for use with wire structures. 3,194,610, 7–13–65, Cl. 308—3.8.
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Stewart, Chandler, to United States of America, Army. Variable frequency oscillator type of metal detector sensitive to mutual resistance changes. 3,202,909, 8–24–65, Cl. 324—3.
Stewart, Charles W., to K. L. Schaus. Antifriction drive stud for a gas meter valve. 3,172,288, 3–9–65, Cl. 73—272.
Stewart, Charles W., to Karl L. Schaus. Unitary index drive shaft assembly for gas meters. 3,196,705, 7–27–65, Cl. 74—425.
Stewart, Charlie G. Gardening tool. 3,198,719, 8–3–65, Cl. 294—50.5.
Stewart, Clyde R., to Hewlett-Packard Co. Wheel for carrying electronic equipment. 3,224,381, 12–21–65, Cl. 105—150.
Stewart, David O., to General Motors Corp. Refrigerating apparatus. 3,203,199, 8–31–65, Cl. 62—414.
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Stewart, George W. Shell core forming apparatus. 3,184,809, 5–25–65, Cl. 22—10.
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Stewart, Hugh B., and E. J. Leshan, deceased (by P. Leshan, legal representative); said H. B. Stewart, assor. to United States of America, Atomic Energy Commission. High temperature reactor with specific distribution of non-1/v absorber and fertile material. 3,205,139, 9–7–65, Cl. 176—18.
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Stewart, Hugh D., to The Bendix Corp. Switching logic means for a two-digit three position servomotor mechanism. 3,199,007, 8–3–65, Cl. 318—33.

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Stewart, James B., to Westinghouse Electric Corp. Receptacle aperture cover. 3,170,029, 2–16–65, Cl. 174—66.
Stewart, James B., and G. P. Roegner, to Westinghouse Electric Corp. Phonograph record playing device. 3,210,083, 10–5–65, Cl. 274—39.
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Stewart, Karl E., and T. H. Erwin, to Reddi Products, Inc. Charcoal grill. 3,209,743, 10–5–65, Cl. 126—25.
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Stewart, Merrick W., and R. K. Smith, to United States of America, Army. Arming accelerometer. 3,192,412, 6–29–65, Cl. 307—121.
Stewart, Murray T., and C. G. Bieber, to The International Nickel Co., Inc. Cast alloy. 3,220,829, 11–30–65, Cl. 75—171.
Stewart, Orald L., to Cleveland Metal Abrasive Co. Method of heat treating metal shot. 3,201,289, 8–17–65, Cl. 148—13.
Stewart, Paul H., to Eastman Kodak Co. Processor for photographic paper. 3,177,793, 4–13–65, Cl. 95—94.
Stewart, Phillip G. Variable volume hydraulic pump. Re. 25,850, 9–7–65, Cl. 103—41.
Stewart, Raymond A., and E. Lasis, to Polymer Corp. Ltd. Production of trans-1,4 polybutadiene with a reducible titanium compound-organoaluminumthioether catalyst. 3,196,-143, 7–20–65, Cl. 260—94.3.
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Stewart, Robert A., V. J. Kelly, and L. J. Duckworth, to Gerber Products Co. Egg yolk process. 3,166,424, 1–19–65, Cl. 99—182.
Stewart, Robert D.: *See*—
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Stewart, Robert E., Jr., and O. B. Rapier. Scaffolding structure. 3,187,838, 6–8–65, Cl. 182—144.
Stewart, Robert F., B. T. Larsen, and J. D. McClendon, to North American Aviation, Inc. Composition, casting and process for producing a high-temperature resistant concrete. 3,188,368, 6–8–65, Cl. 264—56.
Stewart, Robert J., to The Bulman Corp. Store fixture. 3,169,811, 2–16–65, Cl. 312—140.1.
Stewart, Robert M., and E. P. Boynton, to Chemetron Corp. Continuous diffusion process. 3,203,833, 8–31–65, Cl. 127—45.
Stewart, Robert S., to Westinghouse Electric Corp. Controls for heat pumps having outdoor air coils. 3,191,399, 6–29–65, Cl. 62—160.
Stewart, Rodney R., Jr. Yarn package adapter. 3,172,618, 3–9–65, Cl. 242—130.
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Benson, Robert, and Zilgalvis. 3,198,982.
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Fontana, Frank J. 3,199,141.
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Kramcsak, Michael, Jr., and Sheahan. 3,176,340.
Maudlin, Wendell E., and Vanausdall. 3,216,449.
Mellett, Jesse B. 3,168,899.
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Miles, Marshall. 3,223,804.
Miller, Lee T. 3,194,446.
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Tramontini, Vernon N. 3,223,150.
Tramontini, Vernon N. 3,223,151.
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Woodcock, Charles A. 3,190,982.
Stewart, Warner L., and D. G. Evans, to United States of America, National Aeronautics and Space Administration. Multistage multiple-reentry turbine. 3,164,369, 1–5–65, Cl. 253—66.
Stewart, Warren A.: *See*—
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Drenning, John W., and Stewart. 3,175,442.
Stewart, Warren A., to Koppers Co., Inc. Mechanism for feeding cardboard or like blanks. 3,193,282, 7–6–65, Cl. 271—12.
Stewart, Warren A., to Koppers Co., Inc. Manufacture of laminated board structures. 3,217,070, 11–9–65, Cl. 264—47.
Stewart, Wayne R. Press wheel tire with crust fracture bars. 3,207,234, 9–21–65, Cl. 172—519.
Stewart, William A. Method and apparatus for measuring flow. 3,199,346, 8–10–65, Cl. 73—194.
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Stewart, William H. Clamps or straps for conduits and the like. 3,185,420, 5–25–65, Cl. 248—74.
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Steyermark, Paul R., to W. R. Grace & Co. Process for the preparation of diglycosylureas. 3,179,654, 4–20–65, Cl. 260—211.5.
Steyermark, Paul R., to W. R. Grace & Co. Novel 1,3-bis(polyhydroxyalkyl)-2-imidazolidinones and 1,3-bis(polyhydroxyalkyl)-imidazolidine-2-thiones. 3,226,379, 12–28–65, Cl. 260—211.
Stibitz, George R. Object retrieval system. 3,167,266, 1–26–65, Cl. 242—55.13.
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Stickel, Carl A., to General Motors Corp. Method and apparatus for making permanently sealed resilient insulation. 3,206,345, 9–14–65, Cl. 156—145.
Stickel, Harold A. Single digit selector. 3,213,425, 10–19–65, Cl. 340—164.
Stickel, Herbert P., and H. R. Kattelmann, to SCM Corp. Record reader. 3,214,163, 10–26–65, Cl. 271—8.
Stickel, Josef, to Gebruder Netzsch, Maschinenfabrik. Flexible coupling for screw pump rotors. 3,165,065, 1–12–65, Cl. 103—117.
Stickelmeyer, Jerome H.: *See*—
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Knox, William J., Jr., and Sticker. 3,169,870.
Knox, William J., Jr., and Sticker. 3,201,252.
Knox, William J., Jr., and Sticker. 3,220,847.

Stickney, Carson S. Adjustable picture frame molding. 3,189,136, 6–15–65, Cl. 189—36.
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Stieber, Ortwin, and H. Wutz, said Wutz assor. to said Stieber. Variable speed transmission. 3,188,875, 6–15–65, Cl. 74—192.
Stiefel, Christian J., W. Blank, and H. König, to Waggonfabrik Talbot. Tiltable roof for street and rail vehicles. 3,169,492, 2–16–65, Cl. 105—377.
Stiefel, Gottfried, to Stag Staubgut-Transport AG. Multimaterial storage and transport tank. 3,172,556, 3–9–65, Cl. 220—22.
Stiefel, Paul, to Hammond Organ Co. Transistorized percussion circuit for electrical musical instrument. 3,180,919, 4–27–65, Cl. 84—1.26.
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Stienss, Edward and Elizabeth. 3,167,106.
Stier, Henry W., to Willey's Carbide Tool Co. Milling cutter with throwaway cutting inserts. 3,163,920, 1–5–65, Cl. 29—105.
Stier, Henry W., to Willey's Carbide Tool Co. Cutting tool. 3,171,188, 3–2–65, Cl. 29—96.
Stier, Henry W., to Willey's Carbide Tool Co. Cutting tool with removable throw away insert. 3,205,558, 9–14–65, Cl. 29—96.
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Stierlin, Hans. Method of and apparatus for defrosting absorption cooling systems. 3,163,997, 1–5–65, Cl. 62—278.
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Stievenart, Emiel F., and H. F. Deconinck, to Gevaert Photo-Producten, N.V. Apparatus for preparing spirit duplicating masters. 3,195,435, 7–20–65, Cl. 95—89.
Stiff, Bernard G. E., 25% to W. L. Ericson. Sealing closure incorporating linear motion strain wave drive. 3,168,208, 2–2–65, Cl. 215—40.
Stiff, Bernard G. E., to W. L. Ericson. Modular float and pier structure. 3,176,470, 4–6–65, Cl. 61—46.
Stiff, Bernard G. E.; 25% to W. L. Ericson. Strain wave drive. 3,187,605, 6–8–65, Cl. 74—640.
Stiffel Co., The: *See*—
Kula, Norbert L. 3,168,988.
Stiffel, Theophile A. 3,213,274.
Stiffel, Theophile A., to The Stiffel Co. Lighting system with pole type lamps. 3,213,274, 10–19–65, Cl. 240—81.
Stiffler, Harold F., to Friden, Inc. Switch actuating time clock with intermittent clutch drive. 3,205,651, 9–14–65, Cl. 58—24.
Stiftelsen Svensk Cellulosaforskning: *See*—
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Behre, Bengt L. 3,174,333.
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Stigant, Walter, and D. McDonald, to Bruce Peebles & Co., Ltd. Transformer with sealed winding enclosure. 3,208,-019, 9–21–65, Cl. 336—58.
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Stiglitz, Martin R., and F. R. Morgenthaler, to United States of America, Air Force. Garnet microwave pulse generator. 3,164,768, 1–5–65, Cl. 321—69.
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Stihl, Andreas, and H. Hase; said Hase assor. to said Stihl. Automatically operable lubricating pump. 3,220,271, 11–30–65, Cl. 74—128.
Stikeleather, Robert M., to Aerofin Corp. Machines for removing fins from finned tubes. 3,190,181, 6–22–65, Cl. 90—15.
Stikeleather, Robert M., to Aerofin Corp. Fin forming devices. 3,216,232, 11–9–65, Cl. 72—100.
Stiles, Alan R.: *See*—
Tieman, Charles H., and Stiles. Re. 25,811.
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Stiles, Alvin B., to E. I. du Pont de Nemours and Co. Catalytic exhaust converter. 3,186,806, 6–1–65, Cl. 23—288.
Stiles, Alvin B., to E. I. du Pont de Nemours and Co. Method of preparing a nickel oxide-alumina catalyst composition and the product thereof. 3,186,957, 6–1–65, Cl. 252—466.
Stiles, Alvin B., to E. I. du Pont de Nemours and Co. Method of oxidizing gaseous products of combustion of hydrocarbon. 3,220,794, 11–30–65, Cl. 23—2.
Stiles, Alvin B., to E. I. du Pont de Nemours and Co. Mangano-chromia-manganite catalysts containing vanadates. 3,223,653, 12–14–65, Cl. 252—464.
Stiles, John C., to General Precision Inc. Quartz accelerometer. 3,209,601, 10–5–65, Cl. 73—517.
Stiles, John C., to General Precision Inc. Counter-rotation bearing race drive mechanism for gyros. 3,225,606, 12–28–65, Cl. 74—5.
Stiles, John C., to General Precision, Inc. Two-axis gyroscope. 3,225,609, 12–28–65, Cl. 74—5.7.
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Stillman, Stephen L., Jr., to United States of America, Navy. Quick-disconnect cable clamp. 3,188,381, 6–8–65, Cl. 174—92.
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Stillwagon, Crawford K. Disc type check valve. 3,172,424, 3–9–65, Cl. 137—527.4.
Stillwagon, George B., Jr., ½ to K. G. Fraser. Pinning construction for universal joints. 3,178,908, 4–20–65, Cl. 64—17.
Stillwagon, George B., Jr., to Gardner-Denver Co. Countersinking tool. 3,207,196, 9–21–65, Cl. 145—123.
Stillwater, Joseph, to General Dynamics Corp. Remote control for digitally tuned radio. 3,191,134, 6–22–65, Cl. 334—21.
Stillwell, Brian M. Automatic work holding apparatus. 3,215,071, 11–2–65, Cl. 101—126.
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Stilwell, Neil C. Static seal construction. 3,190,663, 6–22–65, Cl. 277—227.
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Stilz, Walter, and H. Pommer, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of compounds of the 1,4-divinylbenzene series. 3,177,208, 4–6–65, Cl. 260—240.
Stilz, Walter, and H. Pommer, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for making alpha-beta-unsaturated carboxylic acid esters. 3,177,226, 4–6–65, Cl. 260—340.5.
Stimetz, Carl F. Combination sine marker and dividing head. 3,192,636, 7–6–65, Cl. 33—174.
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Stimler, Morton, to United States of America, Navy. Ferrite loaded wave-guide adapted for progressive magnetic saturation. 3,208,014, 9–21–65, Cl. 333—24.
Stimler, Morton, to United States of America, Navy. D.C. saturable magnetic core power supply converter. 3,219,-947, 11–23–65, Cl. 331—148.
Stimpson, Robert H., and D. W. McCalip, to H. J. Heinz Co. Apparatus for sterile transportation of perishable liquids. 3,209,675, 10–5–65, Cl. 99—269.
Stimson, Allen G., to Eastman Kodak Co. Exposure control system for photographic cameras. 3,186,320, 6–1–65, Cl. 95—10.

Stimson, Allen G., to Eastman Kodak Co. Battery test circuit cameras. 3,224,350, 12–21–65, Cl. 95—10.
Stimson, Allen G., and J. H. Eagle, to Eastman Kodak Co. Automatic exposure control for a camera. 3,173,347, 3–16–65, Cl. 95—10.
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Stinchfield, Roger M., to Arthur D. Little, Inc. Vacuum freeze dryer having integral freezing means. 3,218,731, 11–23–65, Cl. 34—62.
Stine, Laurence O., and D. B. Broughton, to Universal Oil Products Co. Continuous sorption process with emphasis on product purity. 3,201,491, 8–17–65, Cl. 260—676.
Stine, Richard L., to General Dynamics Corp. Control system. 3,225,989, 12–28–65, Cl. 226—44.
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Stinnes, Hanns. Glass forming mold. 3,224,860, 12–21–65, Cl. 65—355.
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Stinson, Mary L., to Goodman Mfg. Co. Rope anchor structure. 3,200,938, 8–17–65, Cl. 198—192.
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Stirling, Harold J., to Associated Electrical Industries Ltd. Circuit arrangements employing semi-conductor diodes. 3,197,564, 7-27-65, Cl. 179—18.
Stirling, Harold T., to Stirling Sintering Corp. Pelletizing and sizing drum. 3,210,772, 10–5–65, Cl. 18—1.
Stirling, James. Rope strand and method for making same. 3,201,930, 8–24–65, Cl. 57—144.
Stirling, James A. Stacking and/or storing goods. 3,171,551, 3–2–65, Cl. 214—16.1.
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Stitch, Malcolm L., to Hughes Aircraft Co. System for producing highly repetitive optical maser operation. 3,172,056, 3–2–65. Cl. 331—94.5.
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Stitt, William J., Sr., W. J. Stitt, Jr., and T. F. James. Sprinkler and valve. 3,166,251, 1–19–65, Cl. 239—583.

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Stock, Arthur J. Gravimetric feeder and method of filling voids therein or in other pressure vessels. 3,187,944, 6–8–65, Cl. 222—25.
Stock, Hans J., to Franz Morat, G.m.b.H. Pattern wheel arrangement. 3,170,312, 2–23–65, Cl. 66—50.
Stock, Howard P., to Square D Co. Pushbutton switch assembly. 3,194,899, 7–13–65, Cl. 200—5.
Stock, Marvin G. Hanger for string of lights. 3,193,229, 7–6–65, Cl. 248—74.
Stock, Marvin G. Adjustable seat. 3,193,324, 7–6–65, Cl. 297—64.
Stock, Rolf, to Siemens & Halske Aktiengesellschaft. Permanent magnet system for focusing an electron beam. 3,181,042, 4–27–65, Cl. 317—200.
Stockard, Ben B., Jr., to Wysong & Miles Co. Metal working machine. 3,169,433, 2–16–65, Cl. 83—524.
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Knowles, James, Stockton, and General. 3,212,357.
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Brandt, Maurice W., and Stoelting. 3,180,106.
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Kunz, Gerald, and Stover. 3,199,567.

Stow, George, & Co. Ltd.: *See*—
Stow, George R. S. 3,174,562.

Stow, George R. S., to George Stow & Co. Ltd. Auger boring machine. 3,174,562, 3–23–65, Cl. 175—122.

Stowe, Jack E., to St. Regis Paper Co. Collapsible shipping carton. 3,203,613, 8–31–65, Cl. 229—16.

Stowe, Lloyd W.: *See*—
Gehring, Arthur J., Jr., and Stowe. 3,196,402.
Gehring, Arthur J., Jr., and Stowe. 3,199,084.

Stowe, Stephen C., to The Dow Chemical Co. Monomeric alkenyl benzyl polyglycol ethers. 3,190,925, 6–22–65, Cl. 260—611.

Stowe-Woodward, Inc.: *See*—
Hendricks, John G. 3,206,201.

Stowell, Austin L., to The Stanley Works. Percussive tool having improved handle fastening means. 3,175,232, 3–30–65, Cl. 7—8.

Stowell, Austin L., to The Stanley Works. Tool handle with resilient gripping means. 3,189,069, 6–15–65, Cl. 145—61.

Stowell, Austin L., to The Stanley Works. Coilable rule. 3,216,117, 11–9–65, Cl. 33—138.

Stowell, Keith C.: *See*—
Macey, Alan, and Stowell. 3,193,470.

Stowell, Nathan J., to J. W. Hughes. Method and system for central station generation and transmission of radio carrier waves for use by remote modulating and transmitting stations. 3,221,329, 11–30–65, Cl. 343—208.

Stowell, Philip A., to Burroughs Corp. Electrostatic record medium. 3,207,625, 9–21–65, Cl. 117—216.

Stowell, Philip A., to Burroughs Corp. Electrostatic printing apparatus. 3,220,303, 11–30–65, Cl. 88—24.

Stoyanoff, Louis J., and E. M. Di Giulio, to Craig Research, Inc. Reading training device for use with a film strip. 3,179,004, 4–20–65, Cl. 88—28.

Stoycos, George S., to The Commonwealth Engineering Co. of Ohio. Method of making honeycomb structures. 3,196,089, 7–20–65, Cl. 204—9.

Stoyell, Loyal A., and L. R. Matricardi, to Union Carbide Corp. Columbium containing composition. 3,215,526, 11–2–65, Cl. 75—174.

Stoyke, Ludwig T., to Lear Siegler, Inc. Fluid distributing member. 3,191,629, 6–29–65, Cl. 137—625.23.

Stracca, Giovanni B., to Marelli Lenkurt S.p.A. Negative resistance amplifier circuit including spurious oscillation suppression means. 3,193,776, 7–6–65, Cl. 330—61.

Stracca, Giovanni B., to Marelli Lenkurt, S.p.A. Ferrimagnetic circulator for microwaves. 3,226,659, 12–28–65, Cl. 333—1.1.

Strachan, Richard W.: *See*—
Harper, Walter R., Jr., Kruger, and Strachan. 3,213,240.

Strachan, Robert, to Robertshaw Controls Co. Spray timer. 3,199,732, 8–10–65, Cl. 222—70.

Strachan, Robert G.: *See*—
Sarett, Lewis, Strachan, and Hirschmann. 3,185,682.
Sarett, Lewis H., Strachan, and Hirschmann. 3,206,359.

Strachey, Christopher, to International Business Machines Corp. Data processing equipment. 3,222,647, 12–7–65, Cl. 340—172.5.

Strack, Donald R.: *See*—
Stare, Donald E., Strack, and Reindl. 3,202,540.
Stare, Donald E., Strack, and Reindl. 3,220,879.

Strader, Don S., to The Frank G. Hough Co. Sediment trap for hydraulic fluid reservoir. 3,165,468, 1–12–65, Cl. 210—172.

Strader, Don S., to The Frank G. Hough Co. Adjustable bulldozer blade mounting. 3,175,315, 3–30–65, Cl. 37—144.

Strader, Don S., to The Frank G. Hough Co. Rear dump trailer. 3,175,864, 3–30–65, Cl. 298—20.

Strader, Don S., to The Frank G. Hough Co. Hydraulic steering systems. 3,202,238, 8–24–65, Cl. 180—79.2.

Strader, Don S., to The Frank G. Hough Co. Control valve construction. 3,209,781, 10–5–65, Cl. 137—596.2.

Strader, Don S., and R. G. Luft, to The Frank G. Hough Co. Implement position control mechanism. 3,187,913, 6–8–65, Cl. 214—140.

Strader, Don S., and M. W. Hagen, to The Frank G. Hough Co. Bucket position control mechanism. 3,198,360, 8–3–65, Cl. 214—140.

Strader, George C. Hobby horse. 3,224,762, 12–21–65, Cl. 272—1.

Strader, Walter F., to Punton Corp. Push button operated snap-acting electric switch. 3,175,065, 3–23–65, Cl. 200—159.

Strader, Walter F., to Punton Corp. Apparatus for exclusive actuation of selected ones of a plurality of mechanisms. 3,202,013, 8–24–65, Cl. 74—483.

Strahm, Allen D. Smoking pipe trap and filter chamber. 3,221,752, 12–7–65, Cl. 131—184.

Straight, Edward R., to Vogt Mfg. Corp. Safety belt. 3,221,958, 12–7–65, Cl. 224—1.

Straight, Paul E.: *See*—
Phillips, George E., Sr., and Straight. 3,202,800.

Straight, Ronald A., and W. P. Alina, to Radio Corp. of America. Method for making semiconductor junction devices. 3,188,251, 6–8–65, Cl. 148—179.

Strain, Charles E.: *See*—
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Strain, Charles E., to The Reliance Electric & Engineering Co. Limit means in an electrically controlled brake. 3,171,514, 3–2–65, Cl. 188—171.

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Strain, Harold T. Clip board. 3,216,742, 11–9–65, Cl. 281—44.

Strain, Louis N. Battery chargers. 3,217,226, 11–9–65, Cl. 320—48.

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Wu, Henry H. 3,193,762.

Strait, Robert D.: *See*—
Eady, Herman R., Jr., Strait, and Atkinson. 3,202,968.
Morgan, Layton D., and Strait. 3,192,525.

Strait, William B.: *See*—
Ketterer, Stanley J., Ivanko, Dolney and Strait. 3,194,197.
Marsh, Walter H. W., Strait, and Laidig. 3,191,559.

Straka, Philip, to Crown Industrial Products Co. Coil stripping chisel. 3,176,396, 4–6–65, Cl. 30—168.

Straley, James M., and J. G. Fisher, to Eastman Kodak Co. Monoazo thiazole dyestuffs. 3,169,954, 2–16–65, Cl. 260—158.

Straley, James M., and R. C. Harris, to Eastman Kodak Co. Metallized monoazo dyes. 3,201,383, 8–17–65, Cl. 260—147.

Straley, James M., and D. J. Wallace, to Eastman Kodak Co. 1-hydroxy-4-N-[p-(2′-pyrrolidonyl-1-)phenyl]-amino anthraquinones. 3,201,415, 8–17–65, Cl. 260—326.5.

Straley, James M., and D. J. Wallace, to Eastman Kodak Co. Thiazole azo compounds. 3,206,452, 9–14–65, Cl. 260—155.

Straley, James M., and D. J. Wallace, to Eastman Kodak Co. Benzothiazole azo compounds. 3,213,081, 10–19–65, Cl. 260—155.

Stram, George H., to Baker Perkins Inc. Article grouping and conveying methods and apparatus. 3,224,556, 12–21–65, Cl. 198—34.

Stramowski, Edmund J., to McGraw-Edison Co. Repeating circuit interrupter. 3,225,161, 12–21–65, Cl. 200—92.

Stranak, Michael. Hot and cold water mixing valve. 3,175,765, 3–30–65, Cl. 236—12.

Stranch, James G.: *See*—
Rogers, Arthur H., Jr., and Stranch. 3,189,574.

Strand, Erling K., to Margaret C. L. Strand, and Patricia A. O'Hare. Hose clamp. 3,182,373, 5–11–65, Cl. 24—263.

Strand, Margaret C. L.: *See*—
Strand, Erling K. 3,182,373.

Strandberg, Charles F., Jr., to Strandberg Engineering Laboratories, Inc. Apparatus for measuring and controlling the amount of size and finish applied to textile yarns and fabrics. 3,207,125, 9–21–65, Cl. 118—4.

Strandberg Engineering Laboratories, Inc.: *See*—
Strandberg, Charles F., Jr. 3,207,125.
Strandberg, Robert C. 3,169,297.

Strandberg, Kenneth R.: *See*—
Locke, Robert A., Pohevitz, Kolar, Smith, and Strandberg. 3,198,427.

Strandberg, Robert C., to Strandberg Engineering Laboratories, Inc. Stretch-shrink indicating apparatus. 3,169,297, 2–16–65, Cl. 28—28.

Strandgren, Carl B. Nut and screw devices. 3,173,304, 3–16–65, Cl. 74—459.

Strandgren, Carl B. Roller screw. 3,182,522, 5–11–65, Cl. 74—459.

Strandine, Eldon J.: *See*—
Koonz, Carl H., and Strandine. 3,216,828.
Koonz, Carl H., Strandine, and Lentz. 3,188,212.

Strandine, Eldon J., to Swift & Co. Neck clamp for poultry shackle. 3,216,057, 11–9–65, Cl. 17—44.1.

Strandquist, Ernest C., and G. G. Olsson, to Trelleborgs Gummifabriks Aktiebolag. Apparatus for testing rubber. 3,220,250, 11–30–65, Cl. 73—95.

Strandskov, Frede B., and J. B. Bockelmann, to F. & M. Schaefer Brewing Co. Synthetic organic chemical preservative for beer. 3,175,912, 3–30–65, Cl. 99—48.

Strang, Charles B., Jr.: *See*—
Swenson, Eskil W., and Strang. 3,189,355.

Strang, Francis B. Notched endless elastic band putting target. 3,171,657, 3–2–65, Cl. 273—177.

Strang, John M., to Barr and Stroud Ltd. Photosensitive apparatus for sensing the orientation of fine mesh material. 3,169,193, 2–9–65, Cl. 250—219.

Strang, Robert W., to Loftus Engineering Corp. Combination high velocity burner. 3,209,811, 10–5–65, Cl. 158—109.

Strängbetong, Aktiebolaget: *See*—
Halvorsen, Kjell, and Knapp. 3,170,723.
Strange, John Carton Co.: *See*—
Strange, William M. 3,205,750.
Strange, Lloyd K., and D. P. Nichols, to Socony Mobil Oil Co., Inc. Intermittent direct in situ burning method. 3,179,167, 4–20–65, Cl. 166—11.
Strange, William M., to John Strange Carton Co. Means for perforating paperboard. 3,205,750, 9–14–65, Cl. 83—660.
Strasberg, Murray: *See*—
Schloss, Fred, and Strasberg. 3,224,246.
Strasheim, Albertus: *See*—
Schroeder, Wolfgang W., and Strasheim. 3,218,498.
Strashun, Sumner I.: *See*—
Dorsey, William R., Roberts, and Strashun. 3,194,670.
Strassburger, Julius H., to National Steel Corp. Method of operating metallurgical furnaces. 3,218,155, 11–16–65, Cl. 75—42.
Strasser, Helmut, to Agfa Aktiengesellschaft. Structure for rendering a zoom lens optionally adjustable by hand or by motor. 3,224,351, 12–21–65, Cl. 95—45.
Strasser, Helmut, G. Schuchard, H. Topel, and O. Renner, to Agfa Aktiengesellschaft. Camera with built-in flash apparatus. 3,204,542, 9–7–65, Cl. 95—11.
Strasser, Joseph P., to The Dow Chemical Co. Vehicle headliners. 3,212,811, 10–19–65, Cl. 296—137.
Strasser, Robert C.: *See*—
Jones, Bernice L., and Strasser. 3,212,602.
Strassheim, L. F., Co.: *See*—
McLean, Scott. 3,182,614.
Strässle, Marcel. Profiled bar. 3,186,561, 6–1–65, Cl. 211—182.
Stratford, Edwin H., to Wall Rope Works, Inc. Cordage and methods of manufacture thereof. 3,164,948, 1–12–65, Cl. 57—140.
Stratford, H. W., Co., Inc.: *See*—
Stratford, Herbert W. 3,174,835.
Stratford, Herbert W., to H. W. Stratford Co., Inc. Apparatus for effecting turbulent flow of fluids and treatment thereof in conduits. 3,174,835, 3–23–65, Cl. 23—285.
Strathearn, Donald M., and L. V. McCarty, to Controls Co. of America. On-stream mixer. 3,171,721, 3–2–65, Cl. 23—252.
Strathmann, Arnfred R. Mouthpiece for saxophones and clarinets. 3,202,032, 8–24–65, Cl. 84—383.
Stratienko, Andrew, to King of Prussia Research and Development Corp. Top-entering mixer drive. 3,202,007, 8–24–65, Cl. 74—413.
Stratoti, Augustine R.: *See*—
Rubin, Richard, Ferrante, and Stratoti. 3,204,243.
Stratton, Boyd L., and D. E. Morgan, to Ampex Corp. Avalanche-triggered sawtooth generator. 3,225,310, 12–21–65, Cl. 331—111.
Stratton, Charles A., to Phillips Petroleum Co. Drilling fluids having enhanced lubricating properties. 3,219,580, 11–23–65, Cl. 252—8.5.
Stratton, Desmond G., to Ford Motor Co. Vehicle body structure with air exhaust means. 3,195,439, 7–20–65, Cl. 98—2.
Stratton, Hal, R. F. Bauer, A. J. Field, and R. C. Crooke, to Shell Oil Co. Support structures. 3,221,506, 12–7–65, Cl. 61—46.5.
Straub, Edwin, and E. Bosshard, to Sulzer Freres, S.A. Fuel element changing and transporting apparatus for nuclear reactors. 3,190,805, 6–22–65, Cl. 176—30.
Straub, Harold E.: *See*—
Averill, Eugene F., and Straub. 3,183,821.
Straub, Harald W., to United States of America, Army. Optical range finder. 3,164,725, 1–5–65, Cl. 250—216.
Straub, Harold E., to Titus Mfg. Corp. Air diffusers for use with light troffers. 3,220,332, 11–30–65, Cl. 98—40.
Straub, Harold E., and E. F. Averill, to Titus Mfg. Corp. Air distribution devices. 3,185,068, 5–25–65, Cl. 98—40.
Straub, Harold E., and E. F. Averill, to Titus Mfg. Corp. Air distribution devices. 3,185,069, 5–25–65, Cl. 98—40.
Straub, Harold E., and B. B. Johnson, to Titus Mfg. Corp. Variable volume terminal unit with reheat. 3,194,304, 7–13–65, Cl. 165—34.
Straub, Helmut: *See*—
Rentschler, Waldemar T., Helber, and Straub. 3,223,015.
Straub, Henry E., deceased; by M. H. Straub, administratrix. Liquid level control for livestock watering troughs. 3,181,558, 5–4–65, Cl. 137—438.
Straub, Hermann, to Zahnradfabrik Friedrichshafen, Aktiengesellschaft. Electromagnetically operated multi-disc clutch. 3,168,176, 2–2–65, Cl. 192—84.
Straub, Hermann, to Zahnradfabrik Friedrichshafen Aktiengesellschaft. Magnet body for electromagnetic clutches espcially of the stationary body type. 3,176,198, 3–30–65, Cl. 317—158.
Straub, Hermann, to Zahnradfabrik Friedrichshafen, Aktiengesellschaft. Electromagnetically operated multiple disc clutch or brake. 3,224,540, 12–21–65, Cl. 192—90.
Straub, Hermann, and A. Blum. Electromagnetic clutches, particularly of the automatic adjustment type. 3,168,175, 2–2–65, Cl. 192—84.
Straub, Hermann, and S. Krauss, to Zahradfabrik Friedrichshafen, Aktiengesellschaft. Electric motor brake. 3,176,173, 3–30–65, Cl. 310—59.
Straub, Karl, to Robert Bosch G.m.b.H. Distributor for internal combustion engines with adjustable spring. 3,166,646, 1–19–65, Cl. 200—31.
Straub, Martha H.: *See*—
Straub, Henry E. 3,181,558.
Straub, Melvin J.: *See*—
Johnson, Logan W., Straub, and Schuette. 3,187,419.
Straübli, Gebr., & Co.: *See*—
Hoenig, Ernst. 3,180,366.
Straughan, Clemens F. Apparatus for applying a plastic film wrapping to a pipe line. 3,223,571, 12–14–65, Cl. 156—392.
Straus, Eric H., and A. D. Stafford, to Clay-Adams, Inc. Combination container and rack. 3,199,669, 8–10–65, Cl. 206—44.11.
Strauss, Burton: *See*—
Heins, Sidney M., and Strauss. 3,201,208.
Strauss, Eugen. Transfer sheet and sheet assembly. 3,169,880, 2–16–65, Cl. 117—36.3.
Strauss, Howard J., to United States of America, Navy. Electronic time compression system. 3,183,505, 5–11–65, Cl. 343—17.1.
Strauss, Howard J., to ESB-Reeves Corp. Method of making microporous plastic. 3,202,733, 8–24–65, Cl. 264—49.
Strauss, Howard J., to Esb-Reeves Corp. Method of making non-adhesive, highly cohesive microporous plastic bandage material or the like. 3,214,501, 10–26–65, Cl. 264—49.
Strauss, Lewis H., to Aircraft Armaments, Inc. Light modulator using improved Kerr cell. 3,168,611, 2–2–65, Cl. 88—61.
Strauss, Richard K. Splice cases. 3,175,032, 3–23–65, Cl. 174—93.
Strauss, Robert F., and G. Golub, to Thiokol Chemical Corp. Rocket engine. 3,177,657, 4–13–65, Cl. 60—35.6.
Strauss, Robert G.: *See*—
Mason, Robert B., Winchester, and Strauss. 3,217,360.
Strauss, Stuart M.: *See*—
Palmer, Roger S., and Strauss. 3,220,613.
Strauss, Theodor, and W. Bachmann, to Westinghouse-Bremsen-Gesellschaft m.b.H. Pressure differential safety interlock system. 3,165,121, 1–12–65, Cl. 137—625.41.
Strauss, Walter L. Key controlled toy vehicle. 3,209,489, 10–5–65, Cl. 46—208.
Strauss, Wennemar: *See*—
Pawlek, Franz, Lieber, and Strauss. 3,215,611.
Strauss, Wennemar, to Dehydag, Deutsche Hydrierwerke G.m.b.H. Acid copper electroplating baths. 3,179,578, 4–20–65, Cl. 204—52.
Strauss, William, to Pennsalt Chemicals Corp. Injection molding apparatus. 3,189,945, 6–22–65, Cl. 18—30.
Strauss, William A. Throttle valve. 3,168,111, 2–2–65, Cl. 137—625.3.
Strausser, William H. Child's amusement device. 3,168,310, 2–2–65, Cl. 272—54.
Strayer, Arthur C., deceased: by E. B. Strayer, executrix, to E. B. Strayer. Lock-seal night depository bag. 3,200,868, 8–17–65, Cl. 150—7.
Strayer, Eleanore B.: *See*—
Strayer, Arthur C. 3,200,868.
Straza Industries: *See*—
Gomez, Aldan D. 3,202,905.
Straza Industries, Inc.: *See*—
Border, Elmer D., and Pfenning. 3,201,714.
Stream, Ralph M.: *See*—
Smock, George E., and Stream. 3,213,728.
Stream, Ralph M., to Owens-Corning Fiberglas Corp. Apparatus for forming an airborn curtain of liquid material. 3,219,012, 11–23–65, Cl. 118—324.
Streater, August L.: *See*—
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Miller, Richard H., and Streater. 3,211,958.
Streb, Ernest L. Cotton picker. 3,171,241, 3–2–65, Cl. 56—33.
Streb, Joseph M.: *See*—
Meese, Clarence E. and R. R. 3,176,726.
Streb, Naomi M.: *See*—
Meese, Clarence E. and R. R. 3,176,726.
Streck, Clemens, to General Aniline & Film Corp. Metal complex dyes containing 2-dibenzofuranol. 3,189,595, 6–15–65, Cl. 260—146.
Strecker, Charles E., deceased; by J. E. Strecker, executrix, to General Electric Co. Dimming circuit and apparatus for gaseous discharge lamps. 3,201,645, 8–17–65, Cl. 315—98.
Strecker, Jeanne E.: *See*—
Strecker, Charles E. 3,201,645.
Streckfus, John G. Lathe tool for rubber. 3,196,720, 7–27–65, Cl. 82—36.
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Streed, David D. M., and S. Glover, to United States Rubber Co. Method of molding vinyl resin sheet material having an embossed surface. 3,192,294, 6–29–65, Cl. 264—54.
Street, Arthur, to Polymathic Engineering Co. Ltd. Supporting stand for instruments, tools and the like. 3,168,274, 2–2–65, Cl. 248—176.
Street, Chan. Wind drift recorder. 3,193,826, 7–6–65, Cl. 343—17.1.
Street, Dan S., to General Electric Co. Mobile radio with timing circuit for automatically energizing the transmitter upon receipt of a call. 3,210,665, 10–5–65, Cl. 325—55.
Street, Dana M. Plate and split nail assembly for use in orthopedic surgery. 3,216,414, 11–9–65, Cl. 128—92.
Street, Frederick A. Valve system for oil well pump. 3,174,437, 3–23–65, Cl. 103—225.
Street, Leslie J., to Parnall & Sons Ltd. Sheet sorting machines. 3,179,233, 4–20–65, Cl. 198—38.

Street, Marvin C. Work-centering indicator. 3,216,119, 11–9–65, Cl. 33—172.
Street, Sidney W., to Reichhold Chemicals, Inc. Asphalt-epoxy compositions and method of making the same. 3,202,-621, 8–24–65, Cl. 260—18.
Streete, Charles M., to Coopers Mechanical Joints Ltd. Air cleaning apparatus for internal combustion engine. 3,212,-240, 10–19–65, Cl. 55—346.
Streete, Charles M., and S. P. Witchell, to Coopers Mechanical Joints Ltd. Cyclones for removing solids from gas. 3,169,-842, 2–16–65, Cl. 55—449.
Streeter, Donald N. :*See*—
Barkhuff, Earl D., Childs, Schultz, and Streeter. 3,199,-091.
Streeter, Edward C., Jr. Electric field operated light and radiant heat screen. 3,210,809, 10–12–65, Cl. 20—56.5.
Streeter, Edward C., Jr. Electrically controlled frictionless slat-type screen. 3,211,264, 10–12–65, Cl. 189—62.
Streeter, Milton H. : *See*—
Post, Arthur H., Jr., and Streeter. 3,201,947.
Streeter, Walter E. Level and vial support therefor. 3,167,-870, 2–2–65, Cl. 33—211.
Streetman, William J. : *See*—
Apolloni, Gino M., Mackie, and Streetman. 3,223,445.
Mackie, Harry A., and Streetman. 3,166,783.
Strehlau, Wesley K. : *See*—
Johnston, Robert, and Strehlau. 3,219,100.
Strehle, Horst, and G. Heerklotz, to VEB Kamera und Kinowerke Dresden. Cameras. 3,173,349, 3–16–65, Cl. 95—57.
Strehle, Kurt H. : *See*—
Mennicken, Erwin J., Muth, and Strehle. 3,224,424.
Streib, Hugo : *See*—
Hechelhammer, Wilhelm, and Streib. 3,200,182.
Streiff, Henri, to Ciba Ltd. Process for the preparation of 2 : 9-dimethyl-quinacridine-7 : 14-dione. 3,200,122, 8–10–65, Cl. 260—279.
Streigle, Paul E., to Catalyst Research Corp. Reserve energized battery. 3,169,891, 2–16–65, Cl. 136—90.
Streim, Howard G. : *See*—
Gray, Reed A., and Streim. 3,179,511.
Streit, Rudolf, to Autophon A.G. Circuit for providing sequences of pulses and intervals. 3,183,454, 5–11–65, Cl. 331—113.
Stremke, William F., W. F., Jr., and R. R. Pazderski. Automatic labelling machine. 3,194,710, 7–13–65, Cl. 156—360.
Stremke, William F., Jr. : *See*—
Stremke, William F., W. F., Jr., and Pazderski. 3,194,710.
Stresau, Richard H. F., Jr., and W. M. Slie, to United States of America, Navy. Water confinement arming device. 3,169,481, 2–16–65, Cl. 102—27.
Stretch, Arnold L., to Pullman Inc. Railway hydraulic cushion assembly. 3,217,898, 11–16–65, Cl. 213—43.
Stretch, Robert W. : *See*—
Beck, Raymond A., and Stretch. 3,170,030.
Streule, Josef, and B. Brot. Closing device for shoes. 3,205,-544, 9–14–65, Cl. 24—73.
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Clark, Robert E., Eckhardt, Spence, and Stribley. 3,201,-245.
Stribling, Bob M. Press door lock for cotton gins. 3,169,-472, 2–16–65, Cl. 100—53.
Strick, Ellis, to Shell Oil Co. Filter for the cancellation of delayed signals. 3,189,853, 6–15–65, Cl. 333—76.
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Abolins, Andrew. 3,196,267.
Abolins, Andrew. 3,205,001.
Bohlen, Charles I. 3,216,758.
Epstein, Oscar. 3,219,362.
Haid, William C. 3,226,153.
Katz, Solomon. 3,211,313.
Schmidt, George A. 3,177,002.
Schmidt, George A. 3,177,004.
Seng, Paul J. 3,205,002.
Stricker, Alfred A., and F. H. Masterson, to International Business Machines Corp. Apparatus for feeding minute articles. 3,214,060, 10–26–65, Cl. 221—200.
Stricker, Alfred A., and S. Kamenetsky, to International Business Machines Corp. Contact pin inserter. 3,216,097, 11–9–65, Cl. 29—203.
Stricker, George O., and R. F. Wollek, to Danbert Chemical Co. Vibration damped constructions and sound damping tapes used therein. 3,205,972, 9–14–65, Cl. 181—33.
Strickholm, Harry, to Litton Systems, Inc. Electro-optical scanning apparatus utilizing an optical transmission link. 3,167,612, 1–26–65, Cl. 178—7.1.
Strickland, Richard G. : *See*—
La Costa, Nicholas J., and Strickland. 3,218,929.
Strickland, Willie D. Armature winding machine. 3,166,102, 1–19–65, Cl. 140—2.
Strickland, Wyatt B., to Thyco Engineering Corp. Fluid operated motor. 3,172,332, 3–9–65, Cl. 91—32.
Strickler, Allen, to Beckman Instruments, Inc. Automatic titrator. 3,186,800, 6–1–65, Cl. 23—253.
Strickler, Allen, to Beckman Instruments, Inc. Integrator. 3,187,168, 6–1–65, Cl. 235—183.
Strickler, Jerrol P., to Millen Industries, Inc. Planographic printing plate. 3,220,346, 11–30–65, Cl. 101—149.2.
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Striepe, Friedrich, to Zahnradfabrik Friedrichshafen, Aktiengesellschaft. Spline shaft planer. 3,194,120, 7–13–65, Cl. 90—2.
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Strike, John L., and G. N. Floor, to McGraw-Edison Co. Multi-stage air blower. 3,224,667, 12–21–65, Cl. 230—130.
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Stringer, Lorin F., and E. T. Schonholzer, to Westinghouse Electric Corp. Power control apparatus. 3,210,639, 10–5–65, Cl. 321—18.
Stringer, Richard F., K. E. Draeger, and M. A. Bergougnou, to Esso Research and Engineering Co. Paraffin hydrocarbon isomerization using swing reactor system. 3,164,642, 1–5–65, Cl. 260—683.7.
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Strittmatter, Werner, to Farbenfabriken Bayer Aktiengesellschaft. Wiper blades for thin layer evaporators. 3,216,042, 11–9–65, Cl. 15—246.5.
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Strobel, Albert F., and S. C. Catino, to General Aniline & Film Corp. Compounds, compositions and processes for preparing and using same. 3,174,937, 3–23–65, Cl. 252—300.
Strobel, Albert F., and S. C. Catino, to General Aniline & Film Corp. Aliphatic mono esters of 2,2′,4-trihydroxy-4′-alkoxybenzophenone. 3,211,767, 10–12–65, Cl. 260—410.5.
Strobel, Albert, and S. C. Catino, to General Aniline & Film Corp. Process for preparation of 4-nitrostilbenes. 3,213,-132, 10–19–65, Cl. 260—505.
Strobel, Albert F., and S. C. Catino, to General Aniline & Film Corp. Methylene malononitriles containing aryl and heterocyclic substituted as UV light absorbers in organic materials. 3,215,550, 11–2–65, Cl. 106—176.
Strobel, Albert F., and S. C. Catino, to General Aniline & Film Corp. α-Cyano-β,β-diphenyl acrylic acid esters. 3,215,724, 11–2–65, Cl. 260—465.
Strobel, Albert F., and S. C. Catino, to General Aniline & Film Corp. Bis-α-cyano-β,β-diphenyl acrylic acid derivatives. 3,215,725, 11–2–65, Cl. 260—465.
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Strobel, Charles W., and R. P. Zelinski, to Phillips Petroleum Co. Production and curing of polymers containing terminally reactive nitrogen. 3,178,398, 4–13–65, Cl. 260—85.1.
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Strohl, Orville M., to Texas Instruments Inc. System for handling electrical components having slender columnar leads. 3,219,068, 11–23–65, Cl. 140—147.
Strohm, Elwood, to Brunswick Corp. Chin strap construction for football helmets. 3,166,761, 1–26–65, Cl. 2—3.
Strohm, Elwood, and H. J. Wilkens, to Brunswick Corp. Mask. 3,220,014, 11–30–65, Cl. 2—9.
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Strohmeier, Walter, to Honeywell Inc. Pulse generator employing bipolar-signal gated bistable amplifiers to produce unipolar, shaped output pulses. 3,217,173, 11–9–65, Cl. 307—88.5.
Strohmeyer, Charles, Jr., to Gilbert Associates, Inc. Automatic start-up devices for a steam-electric generating plant. 3,172,266, 3–9–65, Cl. 60—105.
Strohmeyer, Charles, Jr., to Gilbert Associates, Inc. Heat absorption balancing system for a steam generator having a primary steam circuit and a reheating steam circuit. 3,186,175, 6–1–65, Cl. 60—73.
Strohmeyer, Charles Jr., to Gilbert Associates, Inc. Devices for improving operating flexibility of steam-electric generating plants. 3,199,494, 8–10–65, Cl. 122—1.
Strohmeyer, Charles, Jr., to Gilbert Associates, Inc. Devices for improving operating flexibility of steam-electric generating plants. 3,220,193, 11–30–65, Cl. 60—106.
Strohmeyer, Max, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of 2,5-dihydrofuran. 3,165,536, 1–12–65. Cl. 260—346.1.
Stroia, Eugene J., and R. L. Voda, to Terra Chemical Corp. Method of cleaning sewer systems. 3,170,814, 2–23–65, Cl. 134—22.
Strojny, Ruth A., and H. C. White, to The Dow Chemical Co. Method of preparing lysine polymers. 3,215,684, 11–2–65, Cl. 260—112.
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Strom, Albert P., to Westinghouse Electric Corp. Arc resistant orifice embodying fluorocarbon resins and a plastic member. 3,213,254, 10–19–65, Cl. 200—166.
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Strom, Edgar T. Resilient hitch. 3,207,248, 9–21–65, Cl. 180—14.5.
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Stromberg, Verner L., to Petrolite Corp. Processes employing ester-amide-acid compounds as corrosion inhibitors. 3,172,853, 3–9–65, Cl. 252—8.55.
Stromberg, Verner L., to Petrolite Corp. Composition and process for inhibiting corrosion of ferrous metal. 3,200,-071, 8–10–65, Cl. 252—8.55.
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Strong, Cole Y., to Consolidated Industries, Inc. Concrete slab making machine. 3,201,845, 8–24–65, Cl. 25—41.
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Strong, Stanley J., and C. M. Wolfe, to Borg-Warner Corp. Photosensitive inspection apparatus for filamentary material. 3,225,206, 12–21–65, Cl. 250—219.
Strong, Willard J., to Ford Motor Co. Memory readout sensing circuit employing clipping-clamping network connected to strobed logic and gate. 3,166,681, 1–19–65, Cl. 307—88.5.
Strong, William A. Concrete mixer. 3,188,059, 6–8–65, Cl. 259—179.
Strong, William A. Concrete placement machine. 3,188,145, 6–8–65, Cl. 302—53.
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Stroszynski, Joachim, to Kalle Aktiengesellschaft. Thermotransfer copy apparatus wherein the reproduction coating is carried by a pressure roll. 3,214,585, 10–26–65, Cl. 250—65.
Strother, Claude Jr., and B. D. Macomber, to United States of America, Navy. Delay line pulse position modulation demodulator. 3,183,448, 5–11–65, Cl. 329—107.
Strother, Fred P., to West Point Mfg. Co. Method of splicing multifilament yarns by vibratory treatment. 3,184,354, 5–18–65. Cl. 156—73.
Strother, Fred P., to West Point Mfg. Co. Apparatus for splicing thermoplastic yarn by high frequency vibrations. 3,184,363, 5–18–65, Cl. 156—433.
Strother, Fred P., to West Point Mfg. Co. Miniature photocells and method of making the same. 3,206,831, 9–21–65, Cl. 29—155.5.
Strother, Fred P., to West Point Mfg. Co. Miniature photocell array and method of making the same. 3,206,832, 9–21–65, Cl. 29—155.5.
Strother, George W., Jr., to Navionics, Inc. Electric switch with universal pivot actuator. 3,223,792, 12–14–65, Cl. 200—6.
Strother, Russell C., and J. Zipay, to Westinghouse Electric Corp. Circuit breaker with contact biasing means. 3,174,024, 3–16–65, Cl. 200—170.
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Struble, Albert. Friction exercise device having gripper elements. 3,184,234, 5–18–65, Cl. 272—68.
Struble, Arthur D., Jr. Balloon having reduced wing drag. 3,203,646, 8–31–65, Cl. 244—31.

Struble, Arthur D., Jr. Generator having an axially movable armature to prevent magnetic clogging. 3,209,155, 9–28–65, Cl. 290—54.
Struble, Arthur D., Jr. Underwater generator. 3,209,156, 9–28–65, Cl. 290—54.
Struble, Arthur D., Jr. Balloon cable reeling device. 3,224,-697, 12–21–65, Cl. 242—54.
Struble, Arthur D., Jr. Model indicator for aircraft movement. 3,225,594, 12–28–65, Cl. 73—178.
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Struble, Glenn E., and E. F. Borgemenke, to Diamond International Corp. Method for producing and assembling a multi-compartmented container. 3,185,047, 5–25–65, Cl. 93—37.
Struble, Glenn E., to Diamond International Corp. Method of producing intermediate partitioned panel carton. 3,185,-048, 5–25–65, Cl. 93—37.
Struble, Glenn E., to Diamond International Corp. Convertible container. 3,187,976, 6–8–65, Cl. 229—16.
Struble, Glenn E., to Diamond International Corp. Carton and blank for producing the same. 3,206,096, 9–14–65, Cl. 229—16.
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Struck, Charles R., to True-Cut Products, Inc. Fluid mixing device. 3,216,705, 11–9–65, Cl. 259—4.
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Strull, Gene, to Westinghouse Electric Corp. Microwave detector apparatus. 3,173,091, 3–9–65, Cl. 325—300.
Strull, Gene, to Westinghouse Electric Corp. Multi-region two-terminal semiconductor device. 3,189,800, 6–15–65, Cl. 317—235.
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Struven, Paul. Method and apparatus for extracting magnetically attracted material. 3,210,121, 10–5–65, Cl. 299—8.
Struycken de Roysancour, Otto G. J. Heat insulating textile material and method of making same. 3,219,514, 11–23–65, Cl. 161—127.
Strybel, Richard V., to Imperial-Eastman Corp. Tube bender. 3,190,105, 6–22–65, Cl. 72—459.
Strycker, Stanley J., to The Dow Chemical Co. S-(10-phenoxarsinyl) tetrahydrofurfuryl xanthate. 3,173,928, 3–16–65, Cl. 260—347.2.
Strycker, Stanley J., to The Dow Chemical Co. S-(10-phenoxarsinyl) xanthates. 3,197,494, 7–27–65, Cl. 260—440.
Strycker, Stanley J., to The Dow Chemical Co. S-(10-phenoxarsinyl) 2-phenoxyethyl xanthate. 3,197,495, 7–27–65, Cl. 260—440.
Strydom, Llewellyn L., to Rotorcraft S.A. (Proprietary) Ltd. Rotating wing aircraft. 3,215,370, 11–2–65, Cl. 244—17.11.

Stryk, Rudolf, and G. Muller, to Kalle Aktiengesellschaft. Process for making sterilized sausage packages. 3,190,759, 6–22–65, Cl. 99—187.
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Stryker, Harvey I., to E. I. du Pont de Nemours and Co. Reduction of aromatic nitro and nitroso compounds. 3,223,727, 12–14–65, Cl. 260—510.
Stryker, Homer H., to Stryker Corp. Locating apparatus for determining the position of the neck of a femur under X-ray examination. 3,178,574, 4–13–65, Cl. 250—59.
Stryker, Homer H., to Stryker Corp. Combined abrading and vacuum device. 3,214,869, 11–2–65, Cl. 51—273.
Stryker, Homer H., to Stryker Corp. Surgical knife. 3,221,-744, 12–7–65, Cl. 128—305.
Stryker, John E., to Associated Testing Laboratories, Inc. Refrigeration method and apparatus. 3,217,507, 11–16–65, Cl. 62—165.
Stryker, Ole H., to Jac. Jacobsen, A/S. Equipoised lamp. 3,219,303, 11–23–65, Cl. 248—288.
Stryker, Seymour F., to Air-Mite Devices, Inc. Lubricating apparatus. 3,191,720, 6–29–65, Cl. 184—55.
Strzala, Kazimer A., to Owens-Illinois Glass Co. Gauging apparatus. 3,188,743, 6–15–65, Cl. 33—174.
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Stuart, Frank A., W. T. Stewart, W. Lowe, and F. W. Kavanagh, to California Research Corp. Detergent copolymer of unsaturated polyglycol ether. 3,189,586, 6–15–65, Cl. 260—89.5.
Stuart, Frank A., R. G. Anderson, and A. Y. Drummond, to California Research Corp. Alkenyl succinimides of tetraethylene pentamine. 3,202,678, 8–24–65, Cl. 260—326.5.
Stuart, Frank A., and W. Lowe, to California Research Corp. Rust resistant lubricant composition. 3,208,945, 9–28–65, Cl. 252—51.5.
Stuart, Frank A., and R. G. Anderson, to California Research Corp. Lubricant containing alkenyl succinimide and hydroxypolyamine. 3,210,283, 10–5–65, Cl. 252—51.5.
Stuart, Frank A., W. T. Stewart, W. Lowe, and F. W. Kavanagh, to California Research Corp. Polymeric compositions and lubricants containing them. 3,216,940, 11–9–65, Cl. 252—51.5.
Stuart, Fred E., to Stuart Corp. Apparatus for washing filter beds. 3,216,575, 11–9–65, Cl. 210—280.
Stuart, James L. Tire valve safety cap. 3,164,125, 1–5–65, Cl. 116—34.
Stuart, Joseph, III, to Hiller Aircraft Co., Inc. Propeller blade for VTOL aircraft. 3,173,490, 3–16–65, Cl. 170—159.
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Sutton, John S., to International Business Machines Corp. Gated pulse amplifier servomechanism. 3,181,046, 4–27–65, Cl. 318—28.
Sutton, Jonel D.: *See*—
Gardner, Stephen, and Sutton. 3,187,200.
Sutton, Robert S.: *See*—
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Sutton, Robert W., to The Hydrand Corp. Method of producing building aggregate utilizing sludge residue from paper de-inking process. 3,188,751, 6–15–65, Cl. 34—12.
Sutton, Sidney D., to Veedip Ltd. Manufacture of latices, dispersions and compounds of polymeric organic materials containing metal. 3,185,751, 5–25–65, Cl. 264—301.
Sutton, Walter T., Jr., and J. D. Broyles, to Texas Instruments Inc. Refrigeration temperature and frost control. 3,222,882, 12–14–65, Cl. 62—80.
Sutton, William H. Traveling feed hopper. 3,202,130, 8–24–65, Cl. 119—51.11.
Suyama, Masatoshi: *See*—
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Suydam, Walter, to Loftus Engineering Corp. Method of operating soaking pits. 3,198,855, 8–3–65, Cl. 263—52.
Suzue, Miyoshi. Pneumatic harvester and thresher. 3,169,-357, 2–16–65, Cl. 56—21.
Suzue, Miyoshi. Stalk-discharging means of harvesting machine. 3,191,606, 6–29–65, Cl. 130—6.
Suzuki, Akira: *See*—
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Suzuki, Eiji. Loading and unloading apparatus for carrying liquids between a floating ship and land. 3,204,658, 9–7–65, Cl. 137—236.
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Suzuki, Hisamichi. Clutch and brake shutter operating mechanism. 3,209,873, 10–5–65, Cl. 192—18.
Suzuki, Hisashi, to Louis Marx & Co., Inc. Animated talking toy with built-in recorder. 3,199,248, 8–10–65, Cl. 46—232.
Suzuki, Kazuhisa: *See*—
Takagi, Otomaro, Nishi, and Suzuki. 3,192,079.
Suzuki, Masao: *See*—
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Suzuki Motor Co., Ltd.: *See*—
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Suzuki, Reizo, and T. Takabayashi, to R. Suzuki, T. Takabayashi, and M. Miwa, jointly. Apparatus for prevention of forward and backward movements of vehicles. 3,215,228, 11–2–65. Cl. 188—82.5.
Suzuki, Seizo: *See*—
Okamoto, Eiichi, Suzuki, Kurihara, and Sasaki. 3,189,-797.
Suzuki, Shigeo. Magnetic objective lens for an electron microscope. 3,173,005, 3–9–65, Cl. 250—49.5.
Suzuki, Shigeto, to California Research Corp. Process for production of anhydrous hydrogen bromide from lithium bromide. 3,199,953, 8–10–65, Cl. 23—154.
Suzuki, Takenori: *See*—
Yanagihara, Kotaro, and Suzuki. 3,208,894.
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Suzuki, Tatsuo, to Wm. H. Welsh Co., Inc. Loudspeaker. 3,180,945, 4–27–65, Cl. 179—115.
Suzuki, Toshihiko: *See*—
Moore, David L., and Suzuki. 3,218,525.
Suzuki, Yasunobu: *See*—
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Seki, Takeo, Sawada, and Suzuki. 3,205,415.
Suzumura, Hideo, and H. Miyahara, to Kurashiki Rayon Co., Ltd. Water-resistant polyvinyl alcohol adhesives. 3,222,306. 12–7–65, Cl. 260—17.4.
Suzumura, Hideo, K. Hirano, S. Kawamura, and K. Nagana, to Kurashiki Rayon Co., Ltd. Method of forming polyvinyl alcohol film. 3,225,128, 12–21–65, Cl. 264—216.
Svala, Carl G., to North Electric Co. Device for automatic measurement of envelope delay and attenuation distortion. 3,173,999, 3–16–65, Cl. 179—175.1.
Svanoe, Hans, to Struthers Scientific and International Corp. Process for the conversion of saline water. 3,177,673, 4–13–65. Cl. 62—58.
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Svantesson, Ake W., to Lindaco Aktiebolag. Jogging machine. 3,222,060, 12–7–65, Cl. 271—89.
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Svendsen, Ib H., to Briggs & Stratton Corp. Spring type starter for internal combustion engines. 3,165,100, 1–12–65, Cl. 123—179.
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Mennborg, Hans J. T. 3,190,589.
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Dalen, Sten G., and Mogensen. 3,189,474.
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Hellman, Sten G. 3,197,674.
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Sundblad, Gunnar E. 3,209,129.
Sundblad, Gunnar E. 3,223,033.
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Svenska Metallverken, Aktiebolaget: *See*—
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Svensson, Assar N., and N. R. Engstrom, to Morgardshammars Mek. Verkstads Aktiebolag. Supporting system for rotary drums and the like. 3,216,666. 11–9–65, Cl. 241—176.
Svensson, Bengt G. I., S. A. Igelstrom, and E.-G. Wiren, to Fabriken Orion, Erik Wiren & Son, A/B. Arrangement for a grease pump. 3,212,684, 10–19–65, Cl. 222—326.
Svensson, Rolf H. Buckle for a safety belt. 3,177,545, 4–13–65. Cl. 24—170.
Svensson, Soldan A., to Gulf States Paper Corp. Fluid storage and dispensing carton. 3,186,621, 6–1–65, Cl. 229—17.
Svensson, Sven-Erik V.: *See*—
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Svereika, Edward: *See*—
Schwerdtfeger, Wilbur E., Everett, and Svereika. 3,214,-005.
Svereika, Edward, to International Harvester Co. Bale dumping device. 3,171,537, 3–2–65, Cl. 198—185.

Svet, John F.: *See*—
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Svilokos, Eli. Arctic stand. 3,170,415, 2–23–65, Cl. 208—27.
Svingor, Jeno, J. Baratossy, Z. Hadik, D. Schlosser, J. Varga, and F. Zatonyi, to Szerszamegpfejleszto Intezet. Positioning apparatus. 3,206,666, 9–14–65, Cl. 318—467.
Svoboda, George, R. K. Jacobsen, and M. Nozette, to Bradley Industries, Inc. Hinges. 3,179,281, 4–20–65, Cl. 220—31.
Svoboda, Gordon H., A. J. Barnes, Jr., and R. J. Armstrong, to Eli Lilly and Co. Leurosidine and leurocristine and their production. 3,205,220, 9–7–65, Cl. 260—236.
Svoboda, Gordon H., to Eli Lilly and Co. Method of preparing leurosine and vincaleukoblastine. 3,225,030, 12–21–65, Cl. 260—236.
Svoboda, Vladimir, V. Opatřil, and A. Kubelka, to Sdruzeni Podniku textilniho strojirenstvi. Web holder for high speed quilting and knitting machine. 3,166,921, 1–26–65, Cl. 66—84.
Svoren, Louis J., and E. C. Van Eimeren, Jr., to Walker Mfg. Co. Spring. 3,170,447, 2–23–65, Cl. 123—119.
Svrchek, Joseph G., to Dearborn Chemical Co. Heat settable butadiene-styrene coating mixtures. 3,170,806, 2–23–65, Cl. 106—285.
Svrchek, Joseph G., and W. S. Rae, to Dearborn Chemical Co. Apparatus for applying heat-reactive coatings. 3,198,434, 8–3–65, Cl. 239—79.
Swaab, Mayer M., and B. J. Sutker, to Thiokol Chemical Corp. Particulate polysulfide polymers and method of making the same. 3,205,203, 9–7–65, Cl. 260—79.1.
Swadell, Robert A. Terminal guidance system for navigable craft. 3,205,497, 9–7–65, Cl. 343—108.
Swaim, Frank H.: *See*—
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Swaim, Frank H., and A. Hausner, to United States of America, Army. Acceleration sensitive variable clock. 3,170,404, 2–23–65, Cl. 102—84.
Swaim, Frank H., to United States of America, Navy. Intermittently-lapped extendible boom. 3,177,987, 4–13–65, Cl. 189—34.
Swaim, Robert, C. R. and C. D. Myers, to Kramer Bros., Inc. Means for knitting terry loops. 3,174,305, 3–23–65, Cl. 66—14.
Swain, Charles F.: *See*—
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Swain, John A., to Incandescent Ltd. Regenerative furnaces. 3,207,493, 9–21–65, Cl. 263—15.
Swain, Kenneth W., to The Chase-Shawmut Co., Indicating and actuating fuses. 3,179,774, 4–20–65, Cl. 200—121.
Swain, Kenneth W., and F. J. Kozacka, to The Chase-Shawmut Co. Encapsulated fuse for printed circuits. 3,218,414, 11–16–65, Cl. 200—120.
Swain & Myers Inc.: *See*—
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Swain, Ralph R., to Bailey Meter Co. Control for blast furnaces. 3,220,825, 11–30–65, Cl. 75—42.
Swain, Robert K., to Aerojet-General Corp. Speed control system for turbines. 3,180,088, 4–27–65, Cl. 60—39.25.
Swain, Robert O.: *See*—
Catlin, Robert T., Landa, Service, and Swain. 3,192,758.
Catlin, Robert T., and Swain. 3,199,612.
Swain, William H., to Electro-Mechanical Research, Inc. Automatically stabilized oscillator circuits. 3,183,455, 5–11–65, Cl. 332—18.
Swainson, Edward L., to Northrop Corp. Self-testing gyroscope. 3,218,872, 11–23–65, Cl. 74—5.6.
Swallert, Sven A., to Frode Lund Aktiebolag. Transport vehicles or lorries provided with a platform and fixed collapsible containers for fluid. 3,222,099, 12–7–65, Cl. 296—10.
Swallow, Charles L.: *See*—
Pyle, Edwin H., and Swallow. 3,190,539.
Swallow, Reginald D.: *See*—
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Swallow, Reginald D., and D. Stubbs, to Davy and United Engineering Co. Ltd. Rolling mills horizontal-roll change. 3,221,530, 12–7–65, Cl. 72—239.
Swan, Allan H. B., and I. R. Waller, to The British Oxygen Co. Ltd. Welding apparatus. 3,164,714, 1–5–65, Cl. 219—126.
Swan, Dean R., to Precision Metal Products Co., Inc. Electrical testing apparatus. 3,165,674, 1–12–65, Cl. 317—101.
Swan, Donald G., to Shell Oil Co. Joint for lined pipe sections with gasket compression limiting means. 3,189,371, 6–15–65, Cl. 285—55.
Swan, Lawrence S. Practice golf club. 3,194,564, 7–13–65, Cl. 273—186.
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Levy, Edward M., Swan, and Lopatka. 3,169,810.
Swan, Richard J., and J. P. Steindler, to Engis Equipment Co. Syringes for dispensing paste or the like. 3,212,685, 10–19–65, Cl. 222—386.
Swan, Robert G. Animated device. 3,214,854, 11–2–65, Cl. 40—106.3.
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Swane, Albertus A., to Maatschappij tot Exploiteren van Octroeien en Licenties "Matepa," N.V. Stacking containers. 3,220,633, 11–30–65, Cl. 229—49.
Swanekamp, James E., and R. R. Wilson, to United States of America, Navy. Signal time comparison circuit utilizing UJT characteristics. 3,206,612, 9–14–65, Cl. 307—88.5.
Swaney, Earl T., to W. W. Woodcock. Vending and temperatuer modification device. 3,200,925, 8–17–65, Cl. 194—72.
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Swank, Richard E. Adjustable pneumatic support. 3,192,540, 7–6–65, Cl. 5—349.
Swank, Richard E. Panel display apparatus. 3,222,807, 12–14–65, Cl. 40—36.
Swanke, Roy L., to Landers, Frary & Clark. Steam iron. 3,165,844, 1–19–65, Cl. 38—77.
Swanke, Roy L., to Landers, Frary & Clark. Method of making steam iron. 3,213,534, 10–26–65, Cl. 29—529.
Swanlund, Clifford A., Jr., and C. H. Siebenhausen, Jr., to Shell Oil Co. Offshore well drilling and oil storage platform. 3,186,180, 6–1–65, Cl. 61—46.5.
Swanson, Albert S.: *See*—
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Swanson, Albert S., and M. O. Kroll, to G. H. Tennant Co. Sulky attachment. 3,190,672, 6–22–65, Cl. 280—32.7.
Swanson, Alex O. Mechanism for delivering concrete. 3,180,686, 4–27–65, Cl. 298—30.
Swanson, Arden E., to Hart-Carter Co. Diverter valve. 3,199,537, 8–10–65, Cl. 137—625.11.
Swanson, Carl E.: *See*—
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Swanson, Edwin C., to Greenlee Bros. & Co. Hydraulic flow control valve unit. 3,217,731, 11–16–65, Cl. 137—116.3.
Swanson, Elwood R.: *See*—
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Swanson, Ernest R. Printing easel for sensitized media. 3,192,828, 7–6–65, Cl. 88—24.
Swanson, Eugene S., R. D. Livingston, W. A. Means, and J. G. Floden, to Barber-Colman Co. Programmed motion control system. 3,190,139, 6–22–65, Cl. 74—472.
Swanson, F. V.: *See*—
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Swanson, Frank R., to Swanson Mfg. Co. Fall-out shelter ventilator. 3,211,363, 10–12–65, Cl. 230—117.
Swanson, George J., and H. E. Barnhart, to The Bendix Corp. Electrical connector. 3,221,292, 11–30–65, Cl. 339—217.
Swanson, Gunnar E. Fastening device. 3,174,784, 3–23–65, Cl. 292—113.
Swanson, Gunnar E. Spring loaded turn catch for packing case or the like. 3,204,993, 9–7–65, Cl. 292—111.
Swanson, Gustaf W. Endless track construction. 3,210,133, 10–5–65, Cl. 305—35.
Swanson, Harold E. and K. R. Frog catcher. 3,172,229, 3–9–65, Cl. 43—65.
Swanson, Harry S., and W. Hoppe, to Package Machinery Co. Assembly and wrapping of groups of articles. 3,220,570, 11–30–65, Cl. 214—6.
Swanson, Herbert F., to Market Forge Co. Cabinet for dispensing granulated ice. 3,192,734, 7–6–65, Cl. 62—137.
Swanson, Hilmer I., to Collins Radio Co. Low frequency audio distortion reduction circuit for transmitters. 3,205,456, 9–7–65, Cl. 332—37.
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Swanson, John W., E. J. Jones, and C. L. Mehltretter, to United States of America, Agriculture. Wet-strength paper comprising highly oxidized periodate oxystarch and process of preparing the same. 3,184,333, 5–18–65, Cl. 117—156.
Swanson, Joseph L. Arithmetic game. 3,224,114, 12–21–65, Cl. 35—31.
Swanson, Kenneth H. Dental articulator. 3,206,852, 9–21–65, Cl. 32—32.
Swanson, Kenneth R.: *See*—
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Swanson, Kenneth R. Animal trap. 3,206,886, 9–21–65, Cl. 43—90.
Swanson, Leonard E., and H. P. Wilson, to Vulcan Materials Co. Delacquering process. 3,168,477, 2–2–65, Cl. 252—95.
Swanson Mfg. Co.: *See*—
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Swanson, Nils H., to Western Electric Co., Inc. Plural revolution clutch. 3,164,233, 1–5–65, Cl. 192—33.
Swanson, Oscar A. Hanger toggle mechanism. 3,197,095, 7–27–65, Cl. 223—96.
Swanson, Oscar A. Draw hook toggle latch mechanism. 3,214,207, 10–26–65, Cl. 292—66.
Swanson, Oscar F., to Automatic Voting Machine Corp. Interlocking mechanism for automatic voting machines. 3,212,703, 10–19–65, Cl. 235—54.

Swanson, Oscar F., and M. T. Moldovan, to Automatic Voting Machine Corp. Voting machine. 3,174,684, 3–23–65, Cl. 235—54.
Swanson, Oscar V. Tug of war apparatus. 3,171,654, 3–2–65, Cl. 273—1.
Swanson, Raymond. Container dumping apparatus. 3,220,584, 11–30–65, Cl. 214—313.
Swanson, Richard T., to Automatic Voting Machine Corp. Voting machine. 3,174,685, 3–23–65, Cl. 235—54.
Swanson, Robert E. Steam operated horn. 3,171,384, 3–2–65, Cl. 116—142.
Swanson, Robert E., to International Business Machines Corp. Bistable junction transistor. 3,193,737, 7–6–65, Cl. 317—234.
Swanson, Roger I., to Gardner-Denver Co. Tension control wrench. 3,181,672, 5–4–65, Cl. 192—.096.
Swanson, Roger P., to Alumakit Co., Inc. Boat. 3,195,154, 7–20–65, Cl. 9—6.
Swanson, Ronald R., to General Mills, Inc. Preparation of quaternary ammonium compounds. 3,190,919, 6–22–65, Cl. 260—567.6.
Swanson, Ronald R., to General Mills, Inc. α-Hydroxy oximes. 3,224,873, 12–21–65, Cl. 75—101.
Swanson, Swan R., to The De Havilland Aircraft of Canada. Apparatus for fatigue testing under random loads. 3,214,969, 11–2–65, Cl. 73—91.
Swanson, Vernon L., and W. A. Jack, to Johns-Manville Corp. Method for making acoustical tile with thermoplastic film covering. 3,202,561, 8–24–65, Cl. 156—216.
Swanson, William C.: *See*—
Virtue, Eugene P., Jennings, and Swanson. 3,200,714.
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Swanstrom, John E., Jr.: *See*—
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Swanstrom, John E., Sr., and J. E. Swanstrom, Jr.; said J. E. Swanstrom, Jr., assor., to said J. E. Swanstrom, Sr. Combined fireplace and barbecue grill. 3,174,473, 3–23–65, Cl. 126—4.
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Swarofsky, Walter, and F. Renneberg, to Voigtländer A.G. Photographic camera with electrical exposure meter. 3,194,134, 7–13–65, Cl. 95—10.
Swart, Gilbert H., to General Tire & Rubber Co. Urethanes made from 4-substituted toluene diisocyanate and a polyether or polyester. 3,203,931, 8–31–65, Cl. 260—77.5.
Swart, Richard H., Jr., to Carrier Corp. Heat pump control. 3,167,114, 1–26–65, Cl. 165—2.
Swart, Richard H., to L. D. Srybnik. Anti-bridging device for ice cube vending machines. 3,187,958, 6–8–65, Cl. 222—227.
Swartley, Richard H.: *See*—
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Swarts, Richard E., and B. V. Tiblin, to Sperry Rand Corp. Electrolytic tilt sensor. 3,171,213, 3–2–65, Cl. 33—206.5.
Swarts, Richard E., and B. V. Tiblin, to Sperry Rand Corp. Anti-friction electrical power transmission apparatus. 3,216,262, 11–9–65, Cl. 74—5.
Swarts, Theodore S. Body exerciser. 3,189,344, 6–15–65, Cl. 272—58.
Swartwout, Charles J. and D. K., to Motorola, Inc. Instrument deviation indicator. 3,221,561, 12–7–65, Cl. 73—432.
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Swartz, Allen I., to Microwave Associates, Inc. Electrode connection to mesa type semiconductor device. 3,196,325, 7–20–65, Cl. 317—234.
Swartz, David P., N. L. Sarasohn, and L. M. Duckor, to American Radiator & Standard Sanitary Corp. Electric pressure transducer. 3,168,718, 2–2–65, Cl. 338—42.
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Swartz, Paul S., to General Electric Co. Superconductive device. 3,174,083, 3–16–65, Cl. 317—158.
Swartz, Paul S., C. H. Rosner, and H. H. Hirsch, to General Electric Co. Method of forming a superconductive body. 3,196,532, 7–27–65, Cl. 29—420.
Swartz, Richard L., and W. D. Highsmith, to Universal Business Machines Inc. Document feeder and control system. 3,201,114, 8–17–65, Cl. 271—11.
Swartz, William G. and W. P. Combustion apparatus. 3,195,607, 7–20–65, Cl. 158—4.
Swartz, William L., and R. M. Chism, to Baker Perkins Inc. Bakery proofing or cooling apparatus. 3,172,527, 3–9–65, Cl. 198—138.
Swartz, William M. Display device. 3,181,261, 5–4–65, Cl. 40—138.
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Swatman, Ivan M.: *See*—
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Swearingen, Judson S., to Electronic Specialty Co. Method and apparatus for control of temperature in absorption refrigeration systems. 3,187,515, 6–8–65, Cl. 62—85.
Swearingen, Judson S., to Electronic Specialty Co. Method and apparatus for vapor and liquid contact. 3,195,323, 7–20–65, Cl. 62—485.
Swearingen, Judson S., to Electronic Specialty Co. Method and apparatus for the removal of fixed gas from absorption refrigeration processes. 3,221,510, 12–7–65, Cl. 62—85.
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Sweeney, Jack F., to Hewlett-Packard Co. Tape buffer. means. 3,217,995, 11–16–65, Cl. 242—55.12.
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Swenson, Carl F., to Powers & Eaton Industries, Inc. Linecasting machine. 3,208,041, 9–21–65, Cl. 340—147.
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Swenson, Eskil W., and C. B. Strang, Jr., to Swenson Spreader & Mfg. Co. Truck spreader apparatus. 3,189,355, 6–15–65, Cl. 275—8.
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Swenson, Harvey F., to Sweden Freezer Mfg. Co. Air circulating system for mobile dispensing freezers. 3,195,522, 7–20–65, Cl. 123—41.65.
Swenson, Harvey F., to Sweden Freezer Mfg. Co. Automatic mix feed system for dispensing freezers. 3,196,627, 7–27–65, Cl. 62—136.
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Swenson, Oscar J. Automobile shelter. 3,203,143, 8–31–65, Cl. 50—61.
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Swenson, Richard F., and D. C. Galbraith, to Milsco Mfg. Co. Seat with adjustable elements. 3,215,470, 11–2–65, Cl. 297—353.
Swenson, Richard L., K. S. Canfield, and W. K. Griesinger, to The Atlantic Refining Co. Alkyl benzene sulfonates having high susceptibility to bacteriological degradation. 3,214,-462, 10–26–65, Cl. 260—505.
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Swensson, Folke H. T. Educational musical toys. 3,186,-286, 6–1–65, Cl. 84—83.
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Swiderski, Steve W., and D. K. Bauer. Can crusher. 3,204,550, 9–7–65, Cl. 100—52.
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Swieskowski, Henry P., to United States of America, Army. Firearm drive spring device. 3,204,531, 9–7–65, Cl. 89—199.
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Swift, David J., to Simpson Pope Ltd. Gas stove. 3,200,808, 8–17–65, Cl. 126—37.
Swift, George E., to Imperial Chemical Industries Ltd. Stabilisation of chlorinated hydrocarbons. 3,210,277, 10–5–65, Cl. 252—42.7.
Swift, Harold E., to Gulf Research & Development Co. Catalyst preparation and composition. 3,222,295, 12–7–65, Cl. 252—429
Swift, Harold E., to Gulf Research & Development Co. Catalyst preparation and composition. 3,224,980, 12–21–65, Cl. 252—429.
Swift, Harvey C., to Kelsey-Hayes Co. Friction pad retaining means for spot type disc brakes. 3,194,351, 7–13–65, Cl. 188—73.
Swift, Harvey C., to Kelsey-Hayes Co. Automatic brake adjusting mechanism. 3,200,909, 8–17–65, Cl. 188—79.5.
Swift, Harvey C., to Kelsey-Hayes Co. Automatic brake adjusting mechanism. 3,220,516, 11–30–65, Cl. 188—79.5.
Swift Instruments, Inc.: *See*—
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Swift, John F., to International Harvester Co. Fluid pressure variator. 3,171,352, 3–2–65, Cl. 103—37.
Swift, John F., to International Harvester Co. Hydromechanical transmission with countershaft gearing. 3,213,712, 10–26–65, Cl. 74—730.
Swift, John F., to International Harvester Co. Final drive for crawler type tractor. 3,223,191, 12–14–65, Cl. 180—6.48.
Swift, John F., and W. Margolin, to International Harvester Co. Hydromechanical power transmission. 3,213,620, 10–26–65, Cl. 60—53.
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Swihart, Robert J., T. O. Snider, and D. M. Goldzwig, to The Joyce-Cridland Co. Turntable mechanism. 3,174,631, 3–23–65, Cl. 214—1.
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Swindler, Harry M., to Industrial Products Corp. Rotary disk cutter with a specific housing therefor. 3,178,872, 4–20–65, Cl. 56—25.4.
Swindler, Vernon E. Dispenser for comminuted material and the like. 3,193,159, 7–6–65, Cl. 222—336.
Swinehart, Carl F., to The Harshaw Chemical Co. Purification of anhydrous hydrogen fluoride. 3,167,391, 1–26–65, Cl. 23—153.
Swinehart, William T., and M. W. Doyle, to Pneumo Dynamics Corp. Acceleration switch. 3,175,058, 3–23–65, Cl. 200—61.45.
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Swingle, Roy E., to Interlake Steel Corp. Palletized load. 3,225,919, 12–28–65, Cl. 206—60.
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Swinney, John, to Associated Electrical Industries Ltd. Enclosed electrical switchgear with protective hinged access cover. 3,179,762, 4–20–65, Cl. 200—50.
Swinny, James H. Motorized steerable nestable service cart. 3,190,386, 6–22–65, Cl. 180—19.
Swintosky, Joseph V., to Smith Kline & French Laboratories. Method of increasing the oil solubility of compounds and products thereof. 3,172,816, 3–9–65, Cl. 167—82.
Swintosky, Joseph V., to Smith Kline & French Laboratories. Bromo- and chloroalkyl 4-acetamidophenyl carbonates. 3,203,980, 8–31–65, Cl. 260—463.
Swinyar, Theodore C. Bottle holder. 3,168,272, 2–2–65, Cl. 248—139.
Swisher, John D. Machine for making potato chips. 3,218,959, 11–23–65, Cl. 99—353.
Swisher, Samuel M. Sheet metal puller. 3,222,915, 12–14–65, Cl. 72—457.
Swisher, Thomas H., to General Electric Co. Cabinet latch. 3,214,208, 10–26–65, Cl. 292—76.
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Szmuszkovicz, Jacob, to The Upjohn Co. 4-amino-2,9-dimethyl - 1,2,3,4-tetrahydro-9H-pyrido[3,4-b]indole and its acid addition salts. 3,202,672, 8–24–65, Cl. 260—296.
Szmuszkovicz, Jacob, to The Upjohn Co. 3-(alkylcarbamoyl) sulfamoyl-1-alkylindole-2-carboxylic acids and esters thereof. 3,209,011, 9–28–65, Cl. 260—319.
Szmuszkovicz, Jacob, and G. A. Youngdale, to The Upjohn Co. 6 - methoxy - 1 methyl - 9H-pyrido[3-4b]indole-3-carboxylic acid, esters and its acid addition salts. 3,202,667, 8–24–65, Cl. 260—295.
Szobel, Laszlo, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acieries Electriques d'Ugine. Polycarbonates of polyhydroxyperchlorobiphenyls. 3,207,777, 9–21–65, Cl. 260—463.
Szohatzky, Zoltan: *See*—
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Szohatzky, Zoltan, to Crawford Fitting Co. Quick connect system. 3,170,667, 2–23–65, Cl. 251—149.6.
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Szonntagh, Jeno L., to Leeds and Northrup Co. Fluid analyzing systems. 3,205,701, 9–14–65, Cl. 73—23.1.
Szpilfogel, Stefan A., and M. S. de Winter, to Organon Inc. $\Delta^{1,4}$-3,20-diketo-17α,20,21-trihydroxy pregnadienes. 3,200,-134, 8–10–65, Cl. 260—397.45.
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Sztricsko, Janos. Key operated chuck. 3,190,665, 6–22–65, Cl. 279—1.
Szuba, Walter D., and E. A. Bruder, to The Singer Co. Cylinder bed sewing machine with an attachment box bed extension. 3,188,993, 6–15–65, Cl. 112—258.
Szucs, Josef: *See*—
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Szwarc, Michael M., to Pullman Inc. New polymers from the pyrolysis of polymethyl aromatic hydrocarbons. 3,178,374, 4–13–65, Cl. 260—2.
Szwargulski, Alex N., and E. W. Niemeyer, to ACF Industries, Inc. Fuel filter with sediment chamber. 3,202,287, 8–24–65, Cl. 210—306.
Szwargulski, Jesse L., to ACF Industries, Inc. Carburetor. 3,189,331, 6–15–65, Cl. 261—60.
Szwargulski, Jesse L., to ACF Industries, Inc. Carburetor. 3,202,173, 8–24–65, Cl. 137—426.
Szwargulski, Jesse L., and R. E. Kalert, Jr., to ACF Industries, Inc. Carburetor. 3,215,413, 11–2–65, Cl. 261—41.
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T-Fal Corp.: *See*—
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Andres, John M. 3,211,055.
Andres, John M. 3,214,683.
Antalek, John J. 3,222,760.
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Beck, Alfred B. 3,218,569.
Bingham, Charles T., Miller, and Kozlowski. 3,217,534.
Bissett, Thomas B., Horak, and Bendat. 3,212,091.
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Caldwell, Joseph J., Jr. 3,206,693.
Caron, Eugene J. 3,214,656.
Clark, George L. 3,214,697.
Clark, George L., and Hickey. 3,212,011.
Clark, George L., and Hickey. 3,225,254.
Clauser, Milton U. 3,213,693.
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Cummings, Robert L. 3,210,553.
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Ervin, Harold D. 3,211,917.
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Templeton, Herbert W. 3,220,756.
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Windsor, Maurice W. 3,214,382.
Wuerker, Ralph F. 3,214,707.
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Husome, Robert G., and Trigger. 3,187,973.
Lewis, William M., Jr. 3,178,553.
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Le Clear, Robert L. 3,201,814.
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Taber, David, to General Aniline & Film Corp. Polymerization of pyrrolidones and piperidones employing oxides of elements of groups VI as chain initiators. 3,174,951, 3–23–65, Cl. 260—78.
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Taber, Philip A., to D. M. Steward Mfg. Co. Periodic permanent magnet focusing stack. 3,215,906, 11–2–65, Cl. 317—200.
Taber, Ralph F., to Taber Instrument Corp. Force operated instrument. 3,204,463, 9–7–65, Cl. 73—398.
Taber, Robert N., to United States of America, Air Force. System for measurement of attenuation taken directly in decibels at radio frequencies utilizing legarithmic circuits. 3,217,247, 11–9–65, Cl. 324—57.
Taber, Russell E. Display device. 3,166,195, 1–19–65, Cl. 211—49.
Taber, Russell E. Corrugated, multi-convoluted self-recoiling sheet. 3,195,616, 7–20–65, Cl. 160—121.
Tabet, Michael A. Photoelectric light control system. 3,176,-189, 3–30–65, Cl. 315—158.
Tabet, Michael A. Transfer switching system. 3,217,104, 11–9–65, Cl. 179—1.
Tabler, Donald C., and M. V. De Lano, Jr., to Phillips Petroleum Co. Concentration of beer by crystallization. 3,193,-395, 7–6–65, Cl. 99—199.
Tabor, Clarence J., Jr., to Western Electric Co., Inc. Voltage breakdown test circuit. 3,170,115, 2–16–65, Cl. 324—51.

Tabor, John R. Method and apparatus for fabricating curved structural beams. 3,178,922, 4–20–65, Cl. 72—152.
Tabor, Paul C.: *See*—
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Tabor, Paul C., to Rockwell-Standard Corp. Infinite positional adjustment and one-way lock mechanism. 3,216,766, 11–9–65, Cl. 297—374.
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Taccone, Russell W. 3,201,110.
Taccone, Russell W. 3,209,414.
Taccone, Russell W., to Taccone Corp. Conveyor with fall out plate for foundry flasks. 3,190,424, 6–22–65, Cl. 193—35.
Taccone, Russell W., to Taccone Corp. Cushioning device. 3,201,110, 8–17–65, Cl. 267—1.
Taccone, Russell W., to Taccone Corp. Press head for sand molds. 3,209,414, 10–5–65, Cl. 22—46.
Tachibana, Jiro. Method of producing life saving apparel. 3,169,298, 2–16–65, Cl. 28—75.
Tachiki, Kenkichi, and M. Sata. Process of manufacturing stainless steel. 3,168,398, 2–2–65, Cl. 75—130.5.
Tachizawa, Hiroshi, and S. Kitazume, to Nippon Electric Co., Ltd. Cavity resonator tuned by means of magnetically controlled coaxial ferrite material located in an auxiliary cavity. 3,202,945, 8–24–65, Cl. 333—83.
Tack, Carl E., to Amsted Industries Inc. Railway truck. 3,188,979, 6–15–65, Cl. 105—197.
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Tack, Carl E., and A. F. Seelig, Jr., to Amsted Industries Inc. Snubbed railway car truck. 3,194,181, 7–13–65, Cl. 105—197.
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Tadama, Motomu, to Sony Corp. Means for suppressing parasitic oscillations in tunnel diode circuit. 3,212,022, 10–12–65, Cl. 330—61.
Tadanier, John S., to Abbott Laboratories. Steroid nitrite ester and process therefor. 3,218,340, 11–16–65, Cl. 260—397.4.
Tadanier, John S., and J. W. Cole, to Abbott Laboratories. 6α - amino - 17 - loweralkylenedioxy - 3,5 - cycloandrostanes. 3,189,606, 6–15–65, Cl. 260—239.55.
Tadanier, John S., and J. W. Cole, to Abbott Laboratories. Esters of 6-hydroxy-17-ethylenedioxy-3α,5α-cycloandrostane. 3,218,317, 11–16–65, Cl. 260—239.55.
Tado, Hiroshi, to Yanmar Diesel Engine Co., Ltd. Combustion chambers for rotary engines. 3,190,269, 6–22–65, Cl. 123—8.
Tado, Hiroshi, to Yanmar Diesel Engine Co., Ltd. Fuel injection system for multi-rotor rotary engines. 3,192,911, 7–6–65, Cl. 123—8.
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Taege, Gunter, to H. G. Schauenburg, Verwaltung und Finanzierung G.m.b.H. Adjustable sieves. 3,194,397, 7–13–65, Cl. 209—394.
Taesler, Rudolf, and K. Schlichting, to Zeiss Ikon Aktiengesellschaft. Method of and means for synchronous recording of television image sequences. 3,205,304, 9–7–65, Cl. 178—7.4.
Taffet, Milton S. Combination timer and thermostat switch. 3,172,978, 3–9–65, Cl. 200—136.
Taft, Earle M., K. P. Dimick, A. D. Suhr, and H. N. Divelbiss, said Taft and said Dimick assors., to Wilkens Instrument & Research, Inc. Automatic sample collecting apparatus. 3,213,669, 10–26–65, Cl. 73—23.1.
Taft, William G. Carpet retaining means. 3,222,834, 12–14–65, Cl. 52—221.
Tagano, Hisashi, to Nippon Electric Co. Ltd. Ceramic sealed window. 3,210,699, 10–5–65, Cl. 333—98.
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Tagliasacchi, Ercole, to Officine Meccaniche Agardi S.p.A. O.M.C.S.A. Multi-units sheet-fed printing machine drive. 3,221,651, 12–7–65, Cl. 101—183.
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Taicher, Leonard L., to Caressa, Inc. Shoe construction with improved heel portion. 3,170,249, 2–23–65, Cl. 36—2.5.
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Taillie, Gordon P., to Xerox Corp. Sheet guiding apparatus. 3,190,643, 6–22–65, Cl. 271—45.
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Tajkowski, Edward G., to General Electric Co. Method of casting molten metal in coated ingot mold. 3,220,070, 11–30–65, Cl. 22—192.
Taka, Kasao, to Kurashiki Rayon Co., Ltd. Preparation of vinyl esters. 3,217,032, 11–9–65, Cl. 260—498.
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Takagi, Elichi, K. Matsuzawa, K. Yoshida, R. Shimomura, and G. Hashizume, to Mitsubishi Chemical Industries, Ltd. Method of producing alkali metal terephthalate. 3,225,088, 12–21–65, Cl. 260—515.
Takagi, Ichizo. Heat exchanger tubes. 3,200,848, 8–17–65, Cl. 138—38.
Takagi, Kazumi: *See*—
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Takagi, Keitaro, to Ishikawajima-Harima Jukogyo Kabushiki Kaisha. Foldable hydrofoil. 3,200,781, 8–17–65, Cl. 114—66.5.
Takagi, Masao, to Tateisi Denki Kabushikikaisha. Instrument for locating particular cutaneous points caused by viscerovascular reflex. 3,207,151, 9–21–65, Cl. 128—2.1.
Takagi, Masao, and K. Yamaji, to Tateisi Denki Kabushikikaisha. Cathode ray tube controlled relay means. 3,189,780, 6–15–65, Cl. 315—10.
Takagi, Mikio: *See*—
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Takagi, Otomaro, S. Nishi, and K. Suzuki, to Shin-Mitsubishi Jukogyo Kabushiki Kaisha. Arc welding method. 3,192,079, 6–29–65, Cl. 148—127.
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Takahashi, Akira, Y. Mita, and S. Hayashi, to Showa Denko Kabushiki Kaisha. Method of purifying aldehydes and the apparatus therefor. 3,199,265, 8–10–65, Cl. 55—22.
Takahashi, Akira, N. Mogi, and H. Takahama, to Showa Denko Kabushiki Kaisha. Method of preparing telomers. 3,213,149, 10–19–65, Cl. 260—658.
Takahashi, Akira, Y. Mita, and S. Hayashi, to Showa Denko Kabushiki Kaisha. Polymerization of aldehydes using an organic compound or a salt of mercury as catalyst. 3,225,006, 12–21–65, Cl. 260—67.
Takahashi, Kenji, to Yawata Iron & Steel Co., Ltd. Process for producing nonoriented silicon steel sheets. 3,203,839, 8–31–65, Cl. 148—113.
Takahashi, Kenji, to Yawata Iron & Steel Co., Ltd. Process for producing double-oriented magnetic steel sheets. 3,212,942, 10–19–65, Cl. 148—112.

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Takahashi, Masahiro, Y. Miura, S. Okumura, and M. Ishida, to Ajinomoto Co., Inc. Process for producing L-aspartic acid. 3,198,712, 8–3–65, Cl. 195—30.

Takahashi, Masao, K. Sato, and I. Yasue, to Tokyo Shibaura Electric Co., Ltd. Method of manufacturing glass diodes. 3,165,812, 1–19–65, Cl. 29—25.3.

Takahashi, Sasuke. Motion picture screen coating. 3,196,741, 7–27–65, Cl. 88—28.9.

Takahashi, Shuichiro, Y. Honda, T. Maekawa, Y. Ikawa, and S. Yamamori, to Mitsubishi Atomic Power Industries, Inc., and Mitsubishi Denki Kabushiki-Kaisha. Method of producing circularly cylindrical members of material composed essentially of zirconium and/or niobium. 3,168,399, 2–2–65, Cl. 75—208.

Takahata, Tsuneo, and T. Utsunomiya, to Sony Corp. Tuner device for a radio or television receiving apparatus. 3,183,464, 5–11–65, Cl. 336—142.

Takahi, Yukiyoshi, H. Sumi, and S. Kamimura, to Sankyo Co., Ltd. Fungicidal soil treatment. 3,174,898, 3–23–65, Cl. 167—30.

Takai, Hiroyuki, to Kabushiki Kaisha Kito Seisakusho. Safety device for a small-size, electrically-driven winding and pulling apparatus or the like. 3,218,485, 11–16–65, Cl. 307—127.

Takai, Isao: *See*—
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Takami, Katsumi, and K. Matsuura, to Kabushiki Kaisha Hitachi Seisakusho. Rotating body strain meter. 3,224,257, 12–21–65, Cl. 73—88.5.

Takami, Katsumi, Z. Abe, K. Matsuura, and Y. Furuhata, to Kabushiki Kaisha Hitachi Seisakusho. D.C.-A.C. conversion method and apparatus. 3,225,211, 12–21–65, Cl. 307—88.

Takamizawa, Akira, to Shionagi & Co., Ltd. O,S-disubstituted thiol-type thiamines. 3,183,232, 5–11–65, Cl. 260—256.5.

Takanashi, Yukio: *See*—
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Takasaka, Tomoyoshi, and M. Nagayama, to Logetronics Inc. Photographic printing apparatus. 3,183,766, 5–18–65, Cl. 88—24.

Takase, Mitsuo, to Hitachi, Ltd. Device for measurement of the bottom runner clearance in a reaction type hydraulic turbine. 3,186,684, 6–1–65, Cl. 253—26.

Takashashi, Noriyuki: *See*—
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Takashi, Yukichi: *See*—
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Takata, Tadashi. Target for golf driving practice. 3,222,931, 12–14–65, Cl. 73—379.

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Okaniwa, Keiji, Takatama, Maehara, and Igarashi. 3,220,826.

Takats, Zoltan, and J. Komas, to General Aniline & Film Corp. Control and actuation of rapid processing equipment. 3,181,444, 5–4–65, Cl. 95—12.

Takats, Zoltan, and C. H. Jacobson, to General Aniline & Film Corp. Apparatus for feeding photographic film through a camera and for cutting and storing the same. 3,208,294, 9–28–65, Cl. 74—112.

Takeda Chemical Industries, Ltd.: *See*—
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Ishibashi, Joichi, and Ito. 3,190,877.
Masuda, Katsutada. 3,206,501.
Miki, Takuichi. 3,190,855.
Yasumatsu, Katsuharu, and Nakao. 3,198,638.

Takeda Pharmaceutical Industries, Ltd.: *See*—
Omura, Einosuke, Ogata, Sugino, Igarasi, Yoneda, Nakao, and Suhara. 3,168,446.

Takeda, Shuzo, to Osaka Transformer Co., Ltd. Tap changing voltage regulator for single phase three-wire system. 3,200,325, 8–10–65, Cl. 323—43.5.

Takeda, Yasuo, to Kawasaki Jukogyo Kabushiki Kaisha. Steam cycle in which more than two stages of feed water heating are carried out by one exhaust steam system from auxiliary turbine. 3,173,267, 3–16–65, Cl. 60—67.

Takeda, Yoshifumi: *See*—
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Takehara, Toshio, and A. Tsuji, to NGK Insulators, Ltd. Method of manufacturing porcelain articles by crystallizing glass materials. 3,170,780, 2–23–65, Cl. 65—19.

Takei, Hisao, N. Hattori, and N. Iwata, to Mitsubishi Denki Kabushiki-Kaisha. Vegetable juice extractor. 3,186,458, 6–1–65, Cl. 146—76.

Takei, Sachio, and M. Hibi, to Kabushiki Kaisha Hitachi Seisakusho. Dual-beam, short-time storage-type camera tube. 3,221,208, 11–30–65, Cl. 315—10.

Takei, Sachio, and M. Yamamoto, to Kabushiki Kaisha Hitachi Seisakusho. Plasma jet generator. 3,225,245, 12–21–65, Cl. 313—231.

Takenaga, Yutaka, and M. Makimoto, to Mitsubishi Denki Kabushiki Kaisha. Handrail structure for passenger conveyors. 3,170,557, 2–23–65, Cl. 198—16.

Takenishi, Tadao: *See*—
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Takita, Shigematsu, to Meiko Boki Co., Ltd. Latching device for load arms for spinning machines. 3,191,237, 6–29–65. Cl. 19—267.

Takizaki, Iwao, and J. Okito, to Toyo Boseki Kabushiki Kaisha. Treatment of cellulosic fibre fabrics. 3,189,404, 6–15–65, Cl 8—116.4.

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Talamonti, John, to Borg-Warner Corp. Annular seal with keyed sealing ring. 3,189,357, 6–15–65, Cl. 277—42.

Talamonti, John, to Borg-Warner Corp. Method of assembling a fluid seal structure. 3,225,436, 12–28–65, Cl. 29—436.

Talaty, Erach R., to Pittsburgh Plate Glass Co. Fumaryl dichloride by the catalyzed reaction of fumaric acid and phosgene. 3,222,397, 12–7–65, Cl. 260—544.

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Talbot, Frank J., R. R. De Bolt, B. E. Powell, and L. B. Nobbe, to California Research Corp. Boiling point determination. 3,216,239, 11–9–65, Cl. 73—17.

Talbot, James E., to FMC Corp. Method of baling. 3,224,363, 12–21–65, Cl. 100—3.

Talbot, Ralph E. C., and R. H. Gray, to Engelhard Industries Ltd. Manufacture of electrical contacts. 3,208,129, 9–28–65, Cl. 29—155.55.

Talbot, Richard C., and F. Rieg, to Peters Machinery Co. Converger and stacker for cookies. 3,207,288, 9–21–65, Cl. 198—30.

Talbot, Richard C., and F. Rieg, to Peters Machinery Co. Converger and stacker for cookies. 3,224,551, 12–21–65, Cl. 198—32.

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Talbot, Warren, to Security First National Bank. Fuel gauge. 3,217,540, 11–16–65, Cl. 73—290.
Talbot, Warren, and S. F. Jerlstrom, to Security First National Bank. Damper means for single-axis gyroscope. 3,222,936, 12–14–65, Cl. 74—5.5.
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Taleff, Alexander, and H. P. Kipple, to Westinghouse Electric Corp. Automatic high temperature soldering machine. 3,189,241, 6–15–65, Cl. 228—37.
Talet, Pierre, to Nobel-Bozel. Polymers and copolymers of acetals of allyl alcohol. 3,197,447, 7–27–65, Cl. 260—80.
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Talley, Claude P., Q. D. Overman, Jr., and C. M. Slough, to Texaco Experiment Inc. Electric initiator. 3,180,262, 4–27–65, Cl. 102—28.
Talley, Dolen O., and M. H. Schutte. Apparatus for forming foundation members. 3,164,963, 1–12–65, Cl. 61—53.66.
Talley, Lawrence C. Gas turbine jet and rocket engine ground test exhaust system. 3,205,705, 9–14–65, Cl. 73—116.
Talley, Robert M., and J. C. Lansing, Jr., to Santa Barbara Research Center. Photosensitive tracking apparatus using a grid position indicator. 3,175,089, 3–23–65, Cl. 250—203.
Tallian, Tibor, J. A. Kamenshine, and O. G. Gustafsson, to SKF Industries, Inc. Detection of almost periodic occurrences. 3,208,268, 9–28–65, Cl. 73—67.
Tallman, Charles V., G. D. Keritsis, and R. A. Gregg, to United States Rubber Co. Method of making elastic polyurethane filamentary material using tertiary nitrogen-containing catalyst. 3,192,296, 6–29–65, Cl. 264—184.
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Tally, Sidney K., G. S. Price, and G. F. Gordon, to Sanders Associates, Inc. Two pass etching for fabricating printed circuitry. 3,177,103, 4–6–65, Cl. 156—3.
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Talmey, Paul, to General American Transportation Corp. Railway refrigerator cars. 3,180,286, 4–27–65, Cl. 105—404.
Talmey, Paul, and E. H. Weston, to General American Transportation Corp. Refrigerated freight containers. 3,175,606, 3–30–65, Cl. 165—41.
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Talon, Marcel G., and M. R. Stasse, to Equipments Techniques Industriels. Dehydration of aqueous sludges. 3,224,963, 12–21–65, Cl. 210—4.
Talsoe, Norman B., to Sperry Rand Corp. Input amplifier for a digital communications systems. 3,173,023, 3–9–65, Cl. 307—88.5.
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Talvenheimo, Gerhardt, ½ to Air Products and Chemicals, Inc., and ½ to Northern Natural Gas Co. Method of preparing a fuel cell electrode. 3,212,937, 10–19–65, Cl. 136—122.
Tama, Mario, and W. E. Shearman, to Ajax Magnethermic Corp. Apparatus for pouring molten metal into molds. 3,187,394, 6–8–65, Cl. 22—79.
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Tamarin, Bernard J. Container. 3,190,534, 6–22–65, Cl. 229—17.
Tamarin, Bernard J., to Pull-Packaging, Inc. Cigar packaging or the like. 3,214,009, 10–26–65, Cl. 206—41.2.
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Tames, Esther. Protective clasp to prevent untying shoelaces. 3,176,362, 4–6–65, Cl. 24—120.
Tamiya, Jun, to United States of America, Army. Bridge-type cathode interface impedance test set. 3,191,120, 6–22–65, Cl. 324—26.
Tamm, Christoph, to Sandoz Ltd. 11α,19,21-triacetoxy-14-hydroxy-$\Delta^{1,4}$-14 pregnadiene-dione(3,20). 3,184,489, 5–18–65, Cl. 260—397.45.
Tamminen, Pentti J. Method for activating and isolating a galvanic battery and galvanic battery produced according to said method. 3,193,413, 7–6–65, Cl. 136—90.
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Tamura, Takaaki, to Kogyokaichatsu Kenkyujo. Process for a continuous separation of gases by adsorption utilizing fluidized and moving beds. 3,177,631, 4–13–65, Cl. 55—28.
Tamura, Toshio. Method for preparing cracker balls. 3,195,394, 7–20–65, Cl. 86—1.
Tanabe, David S. Contra-jet muzzle brake for firearms. 3,187,633, 6–8–65, Cl. 89—14.
Tanabe, Kenichi, H. Saito, and T. Ashikaga, ¾ to Kurashiki Rayon Co., Ltd., and ¼ to Air Reduction Co., Inc. Method of producing fibers. 3,170,973, 2–23–65, Cl. 264—185.
Tanabe, Masato, to Schering Corp. 9(11)-dehydro-17,21-alkylidene-dioxy pregnenes. 3,182,056, 5–4–65, Cl. 260—239.55.
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Tanaka, Akira, and R. G. Zeller, to General Motors Corp. Seat belt buckle. 3,212,152, 10–19–65, Cl. 24—230.
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Tanaka, Makoto, to Art Amiki Kabushiki Kaisha. Hand-knitting machine. 3,225,568, 12–28–65, Cl. 66—60.
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Tanaka, Ryoma, J. Yurimoto, and H. Ryu, to Sumitomo Chemical Co., Ltd. Process for the production of aluminum. 3,170,787, 2–23–65, Cl. 75—68.
Tanaka, Ryukichi, K. Teramura, and S. Yokoyama, to Nitto Boseki Co., Ltd. Dyestuffs for shaped articles of high molecular polymers and the method of dyeing these polymers to fast yellow color. 3,208,813, 9–28–65, Cl. 8—4.
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Tango, Tomokichi, H. Kobayashi, T. Anayama, and E. Miyazawa, to Yawata Iron & Steel Co., Ltd. Three-phase line voltage regulator. 3,205,430, 9–7–65, Cl. 323—76.
Tango, Tomokichi, H. Kobayashi, T. Anayama, and E. Miyazawa, to Yawata Iron & Steel Co., Ltd. Three-phase ferro-resonance type voltage regulating device. 3,214,681, 10–26–65, Cl. 323—76.
Tango, Tomokichi, H. Kobayashi, T. Anayama, and E. Miyazawa; said Tango and said Anayama assors., to said Kobayashi and said Miyazawa. Single phase-three phase converting device. 3,221,243, 11–30–65, Cl. 321—58.
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Taniai, Seiichi, to Tokyo Shibaura Denki Kabushiki Kaisha. Synchronizing devices between alternating current systems. 3,226,561, 12–28–65, Cl. 307—87.
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Taniguchi, Tetsuji, to Hitachi, Ltd. Slitting apparatus for hoop mills. 3,197,992, 8–3–65, Cl. 72—203.
Taniyama, Masakazu, M. Kawakatsu, N. Sawa, Y. Iwasaki, and M. Yoshida, to Toho Rayon Kabushiki Kaisha. Method for producing acrylonitrile-β-[1-vinylimidazolyl-(4)]-alkylsulfates polymers. 3,202,640, 8–24–65, Cl. 260—79.3.
Taniyama, Masakazu, M. Yoshida, and K. Saito, to Toho Rayon Kabushiki Kaisha. Process for the manufacture of acrylonitrile polymer solution. 3,208,962, 9–28–65, Cl. 260—29.6.
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Tann, David. Self-tightening connector. 3,186,048, 6–1–65, Cl. 24—31.
Tannebaum, Myron, H. J. Keen, and W. Leshick, to Lavoie Laboratories, Inc. Electrical terminal board for interconnecting components. 3,209,309, 9–28–65, Cl. 339—198.
Tannenbaum, Daniel A., and A. J. Torre, to Radio Corp. of America. Remote motor control system for TV tuner. 3,193,743, 7–6–65, Cl. 318—16.
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Magat, Eugene E., and Tanner. 3,188,228.
Tanner, David, to E. I. du Pont de Nemours and Co. Process for preparing bulky fabrics. 3,181,224, 5–4–65, Cl. 28—72.
Tanner, David, to E. I. du Pont de Nemours and Co. Polyamide compositions stabilized with polyoxymethylene. 3,198,852, 8–3–65, Cl. 260—857.
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Tanner, De Loss J., to Motorola, Inc. Transistor deflection system with linearizing circuit. 3,200,288, 8–10–65, Cl. 315—27.
Tanner, Fred W., Jr., and J. B. Routien, to Chas. Pfizer & Co., Inc. Antibiotic PA1008 and method of production. 3,214,339, 10–26–65, Cl. 167—65.
Tanner, John S.: *See*—
Hayden, Ernest A., and Tanner. 3,225,799.
Tanner, Richard, to Von Roll AG. Method and installation for the production of steam, particularly through the combustion of refuse and other low quality fuels. 3,223,058, 12–14–65, Cl. 110—10.
Tanner, Richard, K. Perl, and H. Bauer, to Von Roll A.G. Method and boiler plant for combustion of fuels. 3,223,074, 12–14–65, Cl. 122—2.
Tanner, Robert L., to Control Data Corp. Log-periodic rhombic antenna array. 3,202,996, 8–24–65, Cl. 343—733.
Tanner, Robert L., to Control Data Corp. Extremely low-frequency antenna. 3,215,937, 11–2–65, Cl. 325—28.
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Tanner, Robert L., H. D. Kennedy, and L. L. Raglin, to Granger Associates. Static discharger apparatus. 3,170,087, 2–16–65, Cl. 317—2.
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Tantlinger, Keith W., to Fruehauf Corp. Container alignment chute. 3,169,648, 2–16–65, Cl. 214—41.
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Tantlinger, Keith W., to Fruehauf Corp. Materials handling apparatus. 3,210,113, 10–5–65, Cl. 294—81.
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Taplin, John F. Piston pump having rolling diaphragm and pressure equalization means. 3,208,394, 9–28–65, Cl. 103—150.
Taplin, Lael B., to The Bendix Corp. Means for stabilizing pump pressures. 3,186,353, 6–1–65, Cl. 103—162.

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Tarsey, Alexandre R. Mechanical cleaning device. 3,173,279, 3–16–65, Cl. 68—18.
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Tarwater, James P., to Republic Steel Corp. Super strength steel alloy composition and product and process of preparing it. 3,198,630, 8–3–65, Cl. 75—124.
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Ringwald, Eugene L., and Tate. 3,218,277.
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Taylor, Abraham, to Dictaphone Corp. Backspacing apparatus for dictating machines. 3,197,213, 7–27–65, Cl. 274—22.
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Taylor, Anthony J., to Babcock & Wilcox, Ltd. Fluid flow restrictor. 3,204,663, 9–7–65, Cl. 138—40.
Taylor, Anthony J., to Babcock & Wilcox, Ltd. Vertical nuclear boiler. 3,216,400, 11–9–65, Cl. 122—34.
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Taylor, Carl S., to Dura Corp. Apparatus for adjusting steering and wheel alignment. 3,182,405, 5–11–65, Cl. 33—203.2.
Taylor, Carl S., to Dura Corp. Low oil level safety lock and air pocket vent. 3,203,317, 8–31–65, Cl. 91—4.
Taylor, Challen E., and R. G. Hall, to The Goodyear Tire & Rubber Co. Method for extruding. 3,183,288, 5–11–65, Cl. 264—130.
Taylor, Challen E., P. I. Puddington, and W. I. Harkleroad, to The Goodyear Tire & Rubber Co. Hose. 3,190,315, 6–22–65, Cl. 138—127.
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Taylor, Charles W., Jr., and V. R. Carr, to The Goodyear Tire & Rubber Co. Film protector for tires. 3,203,543, 8–31–65, Cl. 206—46.
Taylor, Christopher G., to Service Distributors, Inc. Coin metering apparatus for multiple machine installations. 3,221,862, 12–7–65, Cl. 194—84.
Taylor, Clyde L.: *See*—
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Taylor, Daniel D., to Beckman Instruments, Inc. Holding plate for electroplating a detonator plug. 3,223,599, 12–14–65, Cl. 204—15.
Taylor, David H., to Thermo King Corp. Method and apparatus for deriving heat from refrigerant evaporator. 3,219,102, 11–23–65, Cl. 165—2.
Taylor, Donald G.: *See*—
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Taylor, Donald K., to Bell Aerospace Corp. Rocket engine construction. 3,187,503, 6–8–65, Cl. 60—35.6.
Taylor, Donald O., to Scovill Mfg. Co. Terminal member for plastic filament zippers. 3,224,061, 12–21–65, Cl. 24—205.11.
Taylor, Donald R., Jr., to Philco Corp. Synchronizing signal separator making use of forward and reverse space charge currents. 3,192,314, 6–29–65, Cl. 178—5.8.
Taylor, Donald R., Jr., to Philco Corp. Low D.C. power horizontal deflection circuit. 3,198,978, 8–3–65, Cl. 315—27.
Taylor, Donald R., Jr., to Philco Corp. Sync separator achieving noise immunity by intermittent interruption of composite video signal at twice horizontal scanning frequency. 3,217,102, 11–9–65, Cl. 178—69.5.
Taylor, Douglas E.: *See*—
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Taylor, Ellis R., R. F. Chandler, and L. W. Rhein. Apparatus for measuring reflexes, tremors and the like. 3,200,814, 8–17–65, Cl. 128—2.
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Taylor, Ernest A., Jr., to Monsanto Co. Methods of texturizing filaments. 3,176,373, 4–6–65, Cl. 28—72.
Taylor, Ernest A., Jr., to Monsanto Co. Apparatus for controlling the application of heat. 3,186,034, 6–1–65, Cl. 18—19.
Taylor, Ernest A., Jr., to Monsanto Co. Strand annealers. 3,209,467, 10–5–65, Cl. 34—155.
Taylor, Ernest A., Jr., to Monsanto Co. Apparatus for treating filaments. 3,222,799, 12–14–65, Cl. 34—122.
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Printy, Helen C., Dailey, and Taylor. 3,169,959.
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Taylor, Frank H., and J. H. Bostock, to Otis Engineering Corp. Fluid pressure actuated well packer. 3,221,818, 12–7–65, Cl. 166—187.
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Taylor, George H.: *See*—
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Taylor, George H., J. H. Rowlett, and D. Bradley, to Foister, Clay & Ward Ltd. Process for treating wool for antifelting purposes. 3,220,086, 11–30–65, Cl. 28—76.
Taylor, George W., to Poligram Casting Co. Ltd. Hydraulically controlled indexing mechanism for turntables. 3,173,313, 3–16–65, Cl. 74—817.
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Taylor, Gerwin G., to American Maize-Products Co. Continuous conversion of starch. 3,169,083, 2–9–65, Cl. 127—71.
Taylor, Glendon W. Retractable rock hole pin. 3,216,306, 11–9–65, Cl. 85—79.
Taylor, Harold M., to Eli Lilly and Co. Growth-promoting composition and method of using same. 3,218,171, 11–16–65, Cl. 99—2.
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Taylor, Harry P. Razor having pivotal sectional caps for a blade having four cutting edges. 3,176,393, 4–6–65, Cl. 30—60.5.
Taylor, Harry P. Razor for four-edged razor blade. 3,176,394, 4–6–65, Cl. 30—60.5.
Taylor, Harry P. Razor blade having multiple cutting edges. 3,176,398, 4–6–65, Cl. 30—354.
Taylor, Herbert E., to United Aircraft Corp. Coalescer for a moisture separator. 3,197,946, 8–3–65, Cl. 55—527.
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Taylor, Hugh P., and J. C. Davis, Jr., to United States of America, Air Force. Sum and difference frequency computers for amplitude modulators. 3,185,929, 5–25–65, Cl. 328—133.
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Sutherland, Eugene B. 3,188,048.
Taylor, Jack E., to General Electric Co. Variable admittance switching device. 3,213,292, 10–19–65, Cl. 307—88.5.
Taylor, James A., to The American Agricultural Chemical Co. Method of producing phosphorus pentasulfide. 3,183,062, 5–11–65, Cl. 23—206.
Taylor, James B., Jr., R. A. Kelting, and W. C. Sodergreen. Emergency signal radio receiver responsive to cessation of all but the emergency frequency. 3,205,482, 9–7–65, Cl. 340—171.
Taylor, James S., and W. A. Turner, to United States Steel Corp. Portable scraper for gripper dies of strip welder. 3,184,826, 5–25–65, Cl. 29—81.
Taylor, James W.: *See*—
Silsby, Howard W., III, and Taylor. 3,193,281.
Taylor, John E.: *See*—
Ray, Edward, Ross, and Taylor. 3,219,831.
Wroble, Arthur J., Taylor, and Liebert. 3,192,628.
Taylor, John H.: *See*—
Mason, Harold F., Taylor, and Buss. 3,172,838.
Taylor, John H. Hydraulic torque actuator. 3,165,982, 1–19–65, Cl. 92—33.
Taylor, John J.: *See*—
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Taylor, John J., to The Ohio Brass Co. Suspension apparatus with lateral conductor movement for transmission line conductors. 3,217,086, 11–9–65, Cl. 174—40.
Taylor, John S., and W. L. Graves, to The Budd Co. Method of making memory re-shaped tubes, especially fluorocarbon cylinder jackets. 3,225,129, 12–21–65, Cl. 264—230.
Taylor, John W., Jr., to United States of America, Air Force. Automatic radar target tracking system. 3,177,485, 4–6–65, Cl. 343—7.3.
Taylor, Joseph C., to Westinghouse Electric Corp. Thermoelectric chamber. 3,169,378, 2–16–65, Cl. 62—3.
Taylor, Joseph H.: *See*—
Forsyth, George H., and Taylor. 3,203,738.
Taylor, Junior. Household can crusher. 3,208,372, 9–28–65, Cl. 100—98.
Taylor, Keith M., to Monsanto Co. Chlorination of ethane. 3,166,601, 1–19–65, Cl. 260—654.
Taylor, Keith M. Process for preparing dichloroethanes. 3,166,602, 1–19–65, Cl. 260—662.
Taylor, Keith M., to Monsanto Co. Chlorination of isoprene. 3,202,721, 8–24–65, Cl. 260—655.
Taylor, Kendrick C., to Pennsalt Chemicals Corp. Apparatus for producing ultraclean alloy steels. 3,180,633, 4–27–65, Cl. 266—34.
Taylor, Kendrick C., to Pennsalt Chemicals Corp. Method and apparatus for safe operation of vacuum chambers. 3,185,565, 5–25–65, Cl. 75—93.
Taylor, Kendrick C., to Pennsalt Chemicals Corp. Degassing system for metal alloy furnace. 3,215,423, 11–2–65, Cl. 266—34.
Taylor, Kenneth M., to The Carborundum Co. Process of making nuclear fuel element. 3,166,614, 1–19–65, Cl. 264—21.
Taylor, Kenneth M., to The Carborundum Co. Refractory articles. 3,189,472, 6–15–65, Cl. 106—55.
Taylor, Kenneth M., to The Carborundum Co. Cold molded dense silicon carbide articles and method of making the same. 3,205,043, 9–7–65, Cl. 23—208.
Taylor, Kenneth R., and H. E. Crockett, to Super Oil Seals and Gaskets Ltd. Method of making lip seals and securing same to casing elements. 3,218,211, 11–16–65, Cl. 156—217.
Taylor, Lewis F. Golf putter with marble head. 3,199,872, 8–10–65, Cl. 273—80.5.
Taylor, Lloyd D.: *See*—
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Schwartz, Jerome. 3,186,199.
Taylor, Louis B., to Pittsburgh Plate Glass Co. Calcium silicate-filled paper. 3,190,789, 6–22–65, Cl. 162—181.
Taylor Machine Works: *See*—
Monk, James T., Taylor, and Steadman. 3,202,221.
Taylor, Maurice: *See*—
Ellis, Frederick E., Standbridge, and Taylor. 3,164,035.
Taylor, Maurice I., and G. L. Wilde, to Rolls-Royce Ltd. Jet engines and to aircraft provided with same. 3,224,712, 12–21–65, Cl. 244—53.
Taylor, Norman H., E. W. Pughe, and C. W. Adams, to Control Data Corp. Electronic display system. 3,205,344, 9–7–65, Cl. 235—154.
Taylor, Owen L.: *See*—
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Carissimi, Vincent L., and Taylor. 3,194,929.
Taylor, Paul E., to Melpar, Inc. Antenna range simulator. 3,165,742, 1–12–65, Cl. 343—17.7.
Taylor, Paul H., to Tayco Developments, Inc. Liquid spring. 3,186,702, 6–1–65, Cl. 267—1.
Taylor, Paul H., to Tayco Development, Inc. Extrusion press. 3,193,875, 7–13–65, Cl. 18—5.
Taylor, Paul H., to Tayco Developments, Inc. Liquid spring. 3,204,945, 9–7–65, Cl. 267—64.
Taylor, Philip L.: *See*—
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Taylor, Ralph E., and M. K. Mundy. Collecting and stacking bin. 3,208,604, 9–28–65, Cl. 214—7.
Taylor, Randolph G. Portable ultraviolet source produced by a radio-active source material. 3,167,650, 1–26–65, Cl. 250—84.
Taylor, Raymond G., Jr., to Byron Jackson, Inc. Multiple-element swab. 3,209,660, 10–5–65, Cl. 92—180.
Taylor, Raymond H., and A. P. Hillen, to Raymor Corp. Refrigerated storage house. 3,214,934, 11–2–65, Cl. 62—259.
Taylor, Raymond L.: *See*—
Haring, Horace E., and Taylor. 3,166,693.
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Stanton, Arthur J., Anderson, and Taylor. 3,170,372.
Stanton, Arthur J., Anderson, Taylor, and King. 3,169,445.
Taylor, Richard F., to Anglo-Transvaal Consolidated Investment Co. Ltd. Tension indicating devices for instance in roof bolting. 3,169,440, 2–16–65, Cl. 85—62.
Taylor, Richard L., to International Business Machines Corp. Proportional space matrix printer. 3,174,427, 3–23–65, Cl. 101—93.
Taylor, Richard N.: *See*—
Bull, James T., Dow, Engle, Kellinger, O'Keefe, Schofield, and Taylor. 3,222,988.
Taylor, Richard P., and W. C. Preston, to The National Cash Register Co. Multiple field printing mechanism. 3,167,003, 1–26–65, Cl. 101—93.
Taylor, Robert, to Firestone Tire and Rubber Co. of Canada, Ltd. Special concrete block for water meter. 3,168,828, 2–9–65, Cl. 73—201.

Taylor, Robert, to The National Cash Register Co. Article package and method of making the same. 3,202,278, 8–24–65, Cl. 206—80.
Taylor, Robert B.: *See*—
Walker, Robert G., and Taylor. 3,189,967.
Taylor, Robert B., and R. G. Walker, to A. J. Lassus, Jr. and E. L. and W. F. Lassus. Control device for liquid dispensers. 3,199,728, 8–10–65, Cl. 222—20.
Taylor, Robert C., and E. J. Meehan, to The Atlantic Refining Co. Water-soluble liquid detergent compositions. 3,190,836, 6–22–65, Cl. 252—153.
Taylor, Robert C., and E. J. Meehan, to The Atlantic Refining Co. Oil-soluble liquid detergent compositions. 3,226,331, 12–28–65, Cl. 252—153.
Taylor, Roderick, ½ to The Nuclear Power Plant Co. Ltd. Solid moderator core structures for nuclear reactors. 3,186,916, 6–1–65, Cl. 176—85.
Taylor, Roland C., to The Western Union Telegraph Co. Temperature compensated inductor. 3,195,086, 7–13–65, Cl. 336—83.
Taylor, Ruel E., Jr., to S. D. Warren Co. Vacuum sheet control system. 3,212,775, 10–19–65, Cl. 271—74.
Taylor, Russell H., to Rockdale Metal Products Corp. Solder feeding device. 3,198,415, 8–3–65, Cl. 228—57.
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Taylor, Sidney, to The General Electric Co. Inc. Gas-blast circuit interrupter with gas reservoir inclosed in supporting terminal bushing. 3,214,551, 10–26–65, Cl. 200—148.
Taylor, Stanford E. Eye movement camera. 3,196,453, 7–20–65, Cl. 351—7.
Taylor, Stephen M., to Metal Coating Corp. Float and hydropneumatic tank including same. 3,191,536, 6–29–65, Cl. 103—25.
Taylor, Sterl F., deceased (E. M. Taylor, executrix), to Tamaker Corp. Portable apparatus for baling trash. 3,195,447, 7–20–65, Cl. 100—74.
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Rawstron, George O. 3,208,151.
Taylor, Theodore C., to Raytheon Co. Device composed of different semiconductive materials. 3,176,204, 3–30–65, Cl. 317—237.
Taylor, Thomas S., to American Brake Shoe Co. Bolster mounted brake unit. 3,177,984, 4–13–65, Cl. 188—197.
Taylor, Thomas T., C. E. Kelly, and J. H. Rappold, to Newport News Shipbuilding and Dry Dock Co. Protective transfer cover apparatus. 3,195,943, 7–20–65, Cl. 294—131.
Taylor, Verl L., to Collins Radio Co. Error corrector utilizing character average value. 3,173,125, 3–9–65, Cl. 340—146.1.
Taylor, Verl L., to Collins Radio Co. Electronic circuit protector. 3,218,542, 11–16–65, Cl. 323—22.
Taylor, Victor J., to Mister Softee Ltd. Manufacture of ice-cream. 3,167,031, 1–26–65, Cl. 107—1.
Taylor, Walter P., Jr. Winding flexible material. 3,178,130, 4–13–65, Cl. 242—163.
Taylor, Wesley L.: *See*—
Norman, Robert J., and Taylor. 3,201,042.
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Taylor, Wilbur S., to R. T. Vanderbilt Co., Inc. Fungus resistant paints. 3,199,990, 8–10–65, Cl. 106—15.
Taylor, Wilbur S., to R. T. Vanderbilt Co., Inc. Antifouling paint. 3,214,280, 10–26–65, Cl. 106—15.
Taylor, Wilfred, to The Birmingham Small Arms Co. Ltd. Sampling device for bulk materials. 3,181,369, 5–4–65, Cl. 73—421.
Taylor, Wilfred, and J. Farrell, to The Birmingham Small Arms Co. Ltd. Means for sampling bulk materials. 3,198,017, 8–3–65, Cl. 73—421.
Taylor, Wilfred K., to International Business Machines Corp. Recognition apparatus. 3,184,711, 5–18–65, Cl. 340—146.3.
Taylor, Wilfred K., to International Business Machines Corp. System for analysing the spatial distribution of a function. 3,187,304, 6–1–65, Cl. 340—146.3.
Taylor, William A. Restraining devices. 3,172,394, 3–9–65, Cl. 119—107.
Taylor, William A., to Tel-Thrust Corp. Thrustmeters. 3,205,704, 9–14–65, Cl. 73—116.
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Monk, James T., Taylor, and Steadman. 3,202,221.
Taylor, William C.: *See*—
Smith, Floyd E., Taylor, and Gardner. 3,220,443.
Taylor, William C., to Owens-Corning Fiberglas Corp. Method of forming shaped insulation materials. 3,179,727, 4–20–65, Cl. 264—148.
Taylor, William D., and L. W. Crookes, to Ronson Corp. Power-operated hair brush. Re. 25,898, 11–9–65, Cl. 15—23.
Taylor, William E.: *See*—
Schneider, Alden J., Taylor, and Eckman. 3,186,581.
Taylor, William E., to American Can Co. Container for powdered and granular products. 3,169,671, 2–16–65, Cl. 222—143.
Taylor, William E., to American Can Co. Container. 3,182,851, 5–11–65, Cl. 220—53.
Taylor, William F., and L. Dauber, to Esso Research and Engineering Co. Hydroforming process with the hydrocracking of the products to produce a high octane gasoline. 3,192,150, 6–29–65, Cl. 208—62.
Taylor, William H.: *See*—
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Taylor, William I., and M. M. Robison, to Ciba Corp. Polyhydro-benzo [*a*] quinolizines. 3,210,357, 10–5–65, Cl. 260—283.
Taylor, William R. Renewable piston. 3,204,536, 9–7–65, Cl. 92—155.
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Taylor, William W., and R. O. Spencer. Vacuum cleaner attachment for record player. 3,218,082, 11–16–65, Cl. 274—47.
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Hansen, Hans H. 3,208,025.
Pelton, Clyde I., and Schneider. 3,192,759.
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Thomas, Everett A. 3,181,958.
Tayman, David L. Infant immobilizer, particularly for radiological exposure. 3,215,834, 11–2–65, Cl. 250—54.
Tazelaar, Willem C., and R. Westra, to North American Philips Co., Inc. Device for supplying a set of beads to a lamp bulb. 3,166,825, 1–26–65, Cl. 29—25.1.
Tazewell, Joseph H., and R. J. Reid, to The Firestone Tire & Rubber Co. Stabilized polymers of alpha-monoolefins containing nickel salts of alkyl phenyl salicylates. 3,196,128, 7–20–65, Cl. 260—45.75.
Tazewell, Joseph H., and R. J. Reid, to The Firestone Tire & Rubber Co. Polypropylene stabilized with the dibutyl tin salt of 2,6 di-*t*-butyl-*a*-dimethyl-amino-*p*-cresol. 3,208,970, 9–28–65, Cl. 260—45.75.
Tcherniavsky, Victor. Convertible chair. 3,175,860, 3–30–65, Cl. 297—93.
Tcherniavsky, Victor. Convertible chair. 3,175,861, 3–30–65, Cl. 297—93.
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Tea, Clark A., to Ford Motor Co. Resilient stop means. 3,165,306, 1–12–65, Cl. 267—8.
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Teaf, John H., to Radio Condenser Co. Remote control tuning system. 3,165,000, 1–12–65, Cl. 74—10.33.
Teaf, John H., to Thompson Ramo Wooldridge Inc. Radio tuner with printed circuit terminal board. 3,165,673, 1–12–65, Cl. 317—101.
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Teago, Antony C. Mechanical handling apparatus. 3,220,564, 11–30–65, Cl. 214—1.
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Teague, Grady L. Method of making a collapsible antenna of wire mesh. 3,165,817, 1–19–65, Cl. 29—155.5.
Teague, Walter D., and W. G. Fisher, to United Service Equipment Co., Inc. Caster bearing assembly. 3,220,045, 11–30–65, Cl. 16—43.
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Teague, Walter E., to Picker X-Ray Corp., Waite Mfg. Division, Inc. Protection system for rotating anode X-ray tubes including means for measuring the anode rotational speed. 3,214,589, 10–26–65, Cl. 250—93.
Teal, Edwin E., to National Lead Co. Process of employing frontal analysis chromatography in well logging. 3,196,664, 7–27–65, Cl. 73—23.1.
Teale & Co.: *See*—
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Teale, Leon, and B. J. Altavilla, to Appliance Operating Corp. Coin vault having slidable latch locking means. 3,175,759, 3–30–65, Cl. 232—1.
Tearne, Lewis D. O., to International Telephone and Telegraph Corp. Horizontal central transfer point. 3,201,063, 8–17–65, Cl. 243—19.
Tearpock, Daniel J., and E. O. Lunde, to Magor Car Corp. Pneumatically actuated hopper closure latching and operating device. 3,188,980, 6–15–65, Cl. 105—240.
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Hartouni, Edward. 3,219,452.
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Lu Valle, James E., Goldberg, and Pack. 3,219,451.
Lu Valle, James E., Goldberg, and Theodorou. 3,219,445.
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Technicon Instruments Corp.: *See*—
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Isreeli, Jack, and Bilichniansky. 3,165,693.
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Washburn, Harry G. 3,195,176.
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Teetor, Herman. Sonic fish lure. 3,165,854, 1–19–65, Cl. 43—17.1.
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Terhune, Howard. Steam hammer. 3,173,285, 3–16–65, Cl. 72—342.
Terhune, Hugh D., to Dayco Corp. Transmission belt and method of manufacture. 3,164,026, 1–5–65, Cl. 74—233.
Terhune, Hugh D., H. F. Porter, and J. L. Moore, to E. I. du Pont de Nemours and Co. Apparatus for the controlled heating of fabrics with an air/steam heating medium. 3,196,642, 7–27–65, Cl. 68—5.
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Terlato, Joseph M., and B. M. Updike, to International Business Machine Corp. Data storage and processing machine. 3,197,740, 7–27–65, Cl. 340—172.5.
Terlecky, Boris, to ACF Industries, Inc. Cargo tie-down. 3,205,834, 9–14–65, Cl. 105—368.
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Terlet, Rene H., to International Business Machines Corp. Cascade storage apparatus. 3,226,554, 12–28–65, Cl. 250—209.
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Ternovits, Ernest I., and M. A. Mueller. Wire marking device. 3,196,780, 7–27–65, Cl. 101—1.
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Terry, Stanley M., to Elci Products Corp. Solenoid switch having a bridging contact on the solenoid plunger. 3,217,124, 11–9–65, Cl. 200—111.
Terry, Stanley M., and B. O. Burson, to R. E. Phelon Co., Inc. Inductor alternator having a salient pole stator construction. 3,179,825, 4–20–65, Cl. 310—67.
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Mizell, Louis R., Tewksbury, and Vitello. 3,213,860.
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Thomas, James R., to Weber Marking Systems, Inc. Stencil conveyor. 3,205,999, 9–14–65, Cl. 198—1.
Thomas, Jesse B., to Reynolds Metals Co. Cylinder block constructions and methods and apparatus for making same or the like. 3,165,983, 1–19–65, Cl. 92—169.
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Thomas, Robert J., to Shell Oil Co. Controlled wetting of non-aqueous fluids. 3,224,845, 12–21–65, Cl. 23—312.
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Thomas, Tom. Valve control. 3,221,425, 12–7–65, Cl. 37—143.
Thomas, Thomas R., to Auto Research Corp. Lubrication. 3,217,750, 11–16–65, Cl. 138—41.
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Thomas, Walter, and R. Strobele, to Chemische Werke Huls Aktiengesellschaft. Production of aliphatic disulfonate intermediates. 3,172,907, 3–9–65, Cl. 260—513.
Thomas, Walter S., Jr., and R. J. Stankiewicz, to Sperry Rand Corp. Magnetic transducer assemblies. 3,202,772, 8–24–65, Cl. 179—100.2.
Thomas, Walter W. to Hercules Powder Co. Process for dyeing polypropylene fibers with azoic dyes. 3,164,438, 1–5–65, Cl. 8—46.
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Thomas, William E., to Marcus Glaser. Carton dispensing machine. 3,217,925, 11–16–65, Cl. 221—7.
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Thommen, Hans, to Brown, Boveri & Cie, Aktiengesellschaft. Compressed air switch with multiple interruption. 3,172,980, 3–9–65, Cl. 200—148.
Thommen, Hans, and K. Buhler, to Brown, Boveri & Cie, Aktiengesellschaft. Pump means for an electrical switch with a liquid as an arc extinguishing medium. 3,205,331, 9–7–65, Cl. 200—150.
Thommes, Glen A., to E. I. du Pont de Nemours and Co. Photopolymerizable compositions containing stannous salts of acids and elements produced therefrom. 3,202,513, 8–24–65, Cl. 96—115.
Thommes, Glen A., to E. I. du Pont de Nemours and Co. Photopolymerizable elements and processes. 3,210,187, 10–5–65, Cl. 96—35.
Thompson, Alden W., to C. I. Hayes, Inc. Heat treatment apparatus. 3,223,396, 12–14–65, Cl. 266—5.
Thompson, Allan R., to Clevite Corp. Method of making and adjusting transducer. 3,173,119, 3–9–65, Cl. 336—133.
Thompson, Allan R., to Clevite Corp. Tangent output transducer. 3,215,962, 11–2–65, Cl. 336—30.
Thompson, Andrew A. Phase difference means for seismic studies. 3,226,535, 12–28–65, Cl. 235—193.
Thompson, Benjamin. Dienals. 3,189,655, 6–15–65, Cl. 260—601.
Thompson, Benjamin, to Eastman Kodak Co. Allenic aldehydes. 3,225,102, 12–21–65, Cl. 260—598.
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Thompson, Charles E., and E. M. Gladrow, to Esso Research and Engineering Co. Porous carbon electrode preparation. 3,212,930, 10–19–65, Cl. 117—213.
Thompson, Charles T., to Joy Mfg. Co. Drilling apparatus. 3,225,841, 12–28–65, Cl. 173—15.
Thompson, Charles T., to Joy Mfg. Co. Adjustable mounting for rock drills. 3,226,064, 12–28–65, Cl. 248—16.
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Thompson, Donald. Amalgam mixer and separator. 3,198,502, 8–3–65, Cl. 266—1.
Thompson, Donald F.: *See*—
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Thompson, Earl A. Method and apparatus for grinding a cylindrical surface. 3,176,440, 4–6–65, Cl. 51—281.
Thompson, Earl A. Mechanico-hydraulic power and control unit. 3,198,026, 8–3–65, Cl. 73—337.5.
Thompson, Earl A. Oscillator with free piston. 3,218,760, 11–23–65, Cl. 51—50.
Thompson, Earl A., Mfg. Co.: *See*—
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Thompson, Earl L.: *See*—
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Thompson, Earl L., to Pullman Inc. Bridge construction for piggyback flat cars. 3,196,478, 7–20–65, Cl. 105—458.
Thompson, Elbert O. Dental neck rest. 3,224,809, 12–21–65, Cl. 297—391.
Thompson, Elkin H. Method for extinguishing fires within cotton bales. 3,177,947, 4–13–65, Cl. 169—1.
Thompson, Emil W., to United States of America, Army. Anti-spin device. 3,208,345, 9–28–65, Cl. 89—1.
Thompson, Eugene D. Feed mill having foreign material trap chamber. 3,187,792, 6–8–65, Cl. 146—70.1.
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Thompson, George S.: *See*—
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Thompson, Gifford W. Adjustment means for truck type rear vision mirrors. 3,204,473, 9–7–65, Cl. 74—96.
Thompson, Glenn L. Apparatus for cleaning a moving belt. 3,212,631, 10–19–65, Cl. 198—230.
Thompson, Glenn R., and K. E. Detachable horizontally disposed support. 3,215,387, 11–2–65, Cl. 248—224.
Thompson, Gordon J., to Push Button Container Corp. Container with cover. 3,172,559, 3–9–65, Cl. 220—60.
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Thompson, Harold W., to United States of America, Navy. Electric motor system. 3,200,315, 8–10–65, Cl. 318—138.
Thompson, Harry W., to Conco Engineering Works, Inc. Carpet rolls and supporting and handling mechanism therefor. 3,194,509, 7–13–65, Cl. 242—68.
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Thompson, Howard G., to Massey-Ferguson Inc. Parking stand for two-way plows. 3,190,365, 6–22–65, Cl. 172—219.
Thompson, Howard G., to Massey-Ferguson Inc. Parking stand for two-way plows. 3,190,395, 6–22–65, Cl. 172—219.
Thompson, Howard G., to Massey-Ferguson Inc. Reversible disc plow. 3,212,587, 10–19–65, Cl. 172—222.
Thompson, Howard J., to Honeywell Inc. Sphere lapping machine and method. 3,167,884, 2–2–65, Cl. 51—3.
Thompson, Hugh B., to The Kendall Co. Synthetic fibers with increased surface friction. 3,180,785, 4–27–65, Cl. 161—169.
Thompson, Hugh B., to The Kendall Co. Process for increasing the strength of nonwoven arrays of polyethylene terephthalate fibers. 3,221,080, 11–30–65, Cl. 264—345.
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Thompson, James, J. W. Farrell, and J. L. Lamont, to Union Carbide Corp. Deformable chromium sheel. 3,222,163, 12–7–65, Cl. 75—126.
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Thompson, James R., S. E. Hotchkiss, and L. C. Kleist, to The Magnavox Co. Card reproducing device. 3,182,549, 5–11–65, Cl. 88—24.
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Thompson, Jesse W., and L. P. Holt. Tool for inserting O-rings. 3,180,015, 4–27–65, Cl. 29—235.
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Thompson, John W., and G. R. Lappin, to Eastman Kodak Co. Metal deactivators for organic materials. 3,173,770, 3–16–65, Cl. 44—63.
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Thompson, Kevin N., to Socony Mobil Oil Co., Inc. Freezing point monitor. 3,213,668, 10–26–65, Cl. 73—17.
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Thompson, Leldon M., to Monsanto Co. Stabilization of polyamides with phenyl halophosphines. 3,180,849, 4–27–65, Cl. 260—45.7.
Thompson, Leonard H., A. Brunschweiger, deceased, by M. E. Brunschweiger, executrix, to International Business Machines Corp. Binary data detection system. 3,217,183, 11–9–65, Cl. 307—88.5.
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Thompson, Moody C., Jr., to United States of America, Commerce. Distance measuring system with automatic index compensation. 3,188,634, 6–8–65, Cl. 343—12.
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Thompson, Paige W., to General Electric Co. Fuel burner controls. 3,207,204, 9–21–65, Cl. 158—128.
Thompson, Paige W., to General Electric Co. Electric ignition devices. 3,222,576, 12–7–65, Cl. 317—97.
Thompson, Paige W., and L. W. Wightman, to General Electric Co. Method of manufacturing dynamoelectric machines. 3,165,816, 1–19–65, Cl. 29—155.5.
Thompson, Paige W., and L. W. Wightman, to General Electric Co. Small and fractional horse-power dynamoelectric machine construction. 3,176,172, 3–30–65, Cl. 310—42.
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Thompson, Parke H., III, C. E. Miltenberger, and W. S. Waeckerle, to P. H. Thompson II. Hoisting and pulling apparatus. 3,165,297, 1–12–65, Cl. 254—186.
Thompson, Paul E., and E. F. Elslager, to Parke, Davis & Co. Antimalarial composition containing an acylated sulfonylaniline with triazine or pyrimidine salt, and method of use. 3,215,600, 11–2–65, Cl. 167—65.
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Thompson, Richard G. Water softener valve. 3,225,789, 12–28–65, Cl. 137—599.1.

Thompson, Richard G., R. D. Tyler, and T. W. Techler, to Union Tank Car Co. Liquid solution feeding device. 3,202,164, 8–24–65, Cl. 137—101.11.

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Thompson, Robert T., to General Magnetic Corp. Scales. 3,195,663, 7–20–65, Cl. 177—201.

Thompson, Roger D., to Radio Corp. of America. Apparatus for fabricating an indexing element for a color image reproducing device. 3,206,546, 9–14–65, Cl. 178—5.4.

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Thompson, Stanley W., to Thompson Industries Co., Inc. Mold and heating apparatus therefor. 3,193,876, 7–13–65, Cl. 18—5.

Thompson, Theodore B., to Westinghouse Air Brake Co. Identification medium. 3,212,949, 10–19–65, Cl. 156—247.

Thompson, Thomas W., R. E. Sipfle, F. L. Fullam, Jr., and R. L. Maynard, to Sanders Associates, Inc. Automatic positioning system having tape responsive servo means. 3,165,952, 1–19–65, Cl. 83—71.

Thompson, Tom H., to Daytona Thompson Corp. Wobble plate pump. 3,181,475, 5–4–65, Cl. 103—162.

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Thompson, Vivienne J. Shoe and slip cover therefor. 3,196,559, 7–27–65, Cl. 36—2.5.

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Hess, Robert W., Thomsen, Porter, and Anderson. 3,212,933.

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Thumim, Carl, to Miehle-Goss-Dexter, Inc. Movable front side gauge for paper cutting machines. 3,166,308, 1–19–65, Cl. 269—303.

Thumim, Carl, to Miehle-Goss-Dexter, Inc. Magnetic tape control systems for guillotine type cutting machine. 3,174,370, 3–23–65, Cl. 83—71.

Thumim, Carl, to Miehle-Goss-Dexter, Inc. Hydraulic clamp system for guillotine cutters. 3,187,508, 6–8–65, Cl. 60—52.

Thumim, Carl, to Miehle-Goss-Dexter, Inc. Knife changing controls for paper cutting machines. 3,203,294, 8–31–65, Cl. 83—399.

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Thurlow, Lloyd. Sprocket and chain drive. 3,194,609, 7–13–65, Cl. 305—57.

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Thurow, James E. Variable focal length lens system having linear differential motion between lens unit. 3,220,307, 11–30–65, Cl. 88—57.

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Thurston, Kurt W. Warning light. 3,180,979, 4–27–65, Cl. 240—10.6.

Thurston, Raymond L., and H. M. Smith, to Republic Industrial Corp. Clamp structure for metal bands. Re. 25,769, 4–27–65, Cl. 24—20.

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Tibbetts, George C., to Tibbetts Industries, Inc. Tapered gap means for magnetic translating device. 3,172,022, 3–2–65, Cl. 317—173.
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Tibbetts, Raymond W., to Tibbetts Industries, Inc. Curtain wall pier including a Marine fender. 3,212,271, 10–19–65, Cl. 61—48.
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Tidd, Edwin B., to International Telephone and Telegraph Corp. Boiler blow down tank. 3,221,712, 12–7–65, Cl. 122—379.
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De Benedetti, Harold B. 3,198,590.
Tidridge, William A.: *See*—
Bryan, Loren A., and Tidridge. 3,215,660.
Tidwell, Joe S. Adaptor for centering bells on bottle filling machines. 3,183,946, 5–18–65, Cl. 141—371.
Tiede, Milton G.: *See*—
Wierbicki, Eugen, and Tiede. 3,215,540.
Tiede, Ralph L., to Owens-Corning Fiberglas Corp. High temperature insulation for electrical conductors. 3,179,739, 4–20–65, Cl. 174—120.
Tiedemann, Harry F., to Nevada Electronics Inc. Coin handling device. 3,168,179, 2–2–65, Cl. 194—98.
Tiedemann, James B., to The Kansas University Endowment Association. Impact vibration damper. 3,173,514, 3–16–65, Cl. 188—1.
Tiedje, John L.: *See*—
Butler, Roger M., Tiedje, and Bichard. 3,203,888.
Tiefbohr-Mess-Dienst Leutert & Hugel G.m.b.H.: *See*—
Hügel, Helmut. 3,207,239.
Hügel, Helmut. 3,207,240.
Tiefel, Leonard W.: *See*—
Best, Kenneth J., and Tiefel. 3,177,749.
Tiefermann, Marvin W.: *See*—
Buchele, Donald R., Krsek, and Tiefermann. 3,196,675.
Tieman, Charles H., to Shell Oil Co. Dialkyl 1,2-disubstituted-ethylphosphonates and their preparation. 3,189,635, 6–15–65, Cl. 260—461.
Tieman, Charles H., and A. R. Stiles (by Shell Oil Co., assignee). Preparation of vinyl esters of phosphorus acids useful as insecticides. Re. 25,811, 6–29–65, Cl. 260—461.
Tieman, Charles H., and M. Legator, to Shell Oil Co. Trihalosubstituted aldoxime esters. 3,169,989, 2–16–65, Cl. 260—566.
Tieman, James E. Roundabout amusement device. 3,197,202, 7–27–65, Cl. 272—33.
Tiemann, Jerome J., to General Electric Co. Solid state circuit interrupter. 3,176,149, 3–30–65, Cl. 307—88.5.
Tiemann, Jerome J., to General Electric Co. Solid state circuit interrupter having a multilayer switching device and tunnel diode current sensing means therefor. 3,176,163, 3–30–65, Cl. 307—88.5.
Tiemann, Jerome J., to General Electric Co. Method of mounting and aligning transducers on delay lines. 3,187,412, 6–8–65, Cl. 29—155.5.
Tiemann, Jerome J., to General Electric Co. Method of fabricating semiconductor devices. 3,197,839, 8–3–65, Cl. 29—25.3.
Tiemersma, Heine G. N., to American Enka Corp. Shaft sealing system. 3,199,145, 8–10–65, Cl. 18—12.
Tien, Jack M. 3′,6′-diaminofluoran derivatives of α-lactam. 3,185,696, 5–25–65, Cl. 260—295.
Tien, Ping K.: *See*—
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Tien, Ping K., to Bell Telephone Laboratories, Inc. Light frequency modulator. 3,174,044, 3–16–65, Cl. 250—199.
Tierman, Melvin, to Sprague Electric Co. Method of resistor production. 3,167,451, 1–26–65, Cl. 117—227.
Tierney, Hubert J., and Minnesota Mining & Mfg. Co. Reinforced resinous structural material. 3,183,142, 5–11–65, Cl. 161—58.
Tietge, Fred R. Postage scale weight and volume measure. 3,223,190, 12–14–65, Cl. 177—207.
Tietje, Helmut G.: *See*—
Schwarz, Robert, Jr., and Tietje. 3,219,421.
Tietz, Hans-Jurgen: *See*—
Blaser, Bruno, and Tietz. 3,205,237.
Tietz, La Vern R., to Walker Mfg. Co. Filter cap assembly. 3,218,785, 11–23–65, Cl. 55—503.
Tiffany, Burris D., to The Upjohn Co. Automatic fraction collector. 3,208,485, 9–28–65, Cl. 141—130.
Tiffany, Harry J., Jr., to Sahlin Engineering Co., Inc. Press unloader. 3,206,040, 9–14–65, Cl. 214—1.
Tiffany, Harry J., Jr., R. T. Sahlin, H. R. Cagle, W. G. Sahlin, and M. H. Stroman, to Sahlin Engineering Co., Inc. Lock-up assembly for swinging arm unloader. 3,204,783, 9–7–65, Cl. 214—1.
Tiffany, John M., to Western Electric Co., Inc. Radar target echo indicating systems. 3,212,090, 10–12–65, Cl. 343—17.1.
Tiffen Mfg. Corp.: *See*—
Tiffenberg, Leo, and Weiss. 3,208,339.
Tiffenberg, Leo, and I. Weiss, to Tiffen Mfg. Corp. Color correcting means for projectors and the like. 3,208,339, 9–28–65, Cl. 88—24.
Tiikkainen, Veikko V. Bait holding device. 3,175,325, 3–30–65, Cl. 43—42.39.
Tijunelis, Donatas, to Union Carbide Corp. Quenching of poly-olefin film. 3,226,459, 12–28–65, Cl. 264—95.
Tilbury, Richard G.: *See*—
Moon, Philip R., Stockwell, and Tilbury. 3,190,084.
Tilden, Sydney G., Jr.: *See*—
Tilden, Sydney G., Sr., and S. G. Tilden, Jr. 3,169,017.
Tilden, Sydney G., Sr., and S. G. Tilden, Jr., to The Permafuse Corp. Brake shoe clamping device. 3,169,017, 2–9–65, Cl. 269—153.
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Bernett, Frank E. 3,209,500.
Kakos, Michael J., and Fitzgerald. 3,208,190.
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Weller, Ernest E., and Kleinhans. 3,212,946.
Tilesi, Silvano. Sockets for electric bulbs. 3,207,032, 9–21–65, Cl. 339—176.
Tillequin, Jean F.: *See*—
Pacault, Pierre H., and Tillequin. 3,164,133.
Tiller, William A.: *See*—
Lane, Donald H., Cunningham, McDonald, and Tiller. 3,193,889.

Tiller, William A., and W. C. Johnston, to Westinghouse Electric Corp. Apparatus of zone refining and controlling solute segregation in solidifying melts by electromagnetic means. 3,203,768, 8–31–65, Cl. 23—273.
Tillery Container Co.: *See*—
Tillery, Hubert B. 3,169,681.
Tillery, Hubert B., to Tillery Container Co. Garment hanger guard. 3,169,681, 2–16–65, Cl. 223—98.
Tillery, Hubert B. Garment hanger guard. 3,189,236, 6–15–65, Cl. 223—98.
Tillery, Lowell E. Hanger. 3,209,965, 10–5–65, Cl. 223—87.
Tilles, Harry, to Stauffer Chemical Co. Chlorothiolformates and preparation thereof. 3,165,544, 1–12–65, Cl. 260—455.
Tilles, Harry, and J. Antognini, to Stauffer Chemical Co. Asymmetric thiolcarbamates as herbicides. 3,175,897, 3–30–65, Cl. 71—2.6.
Tilles, Harry, and J. Antognini, to Stauffer Chemical Co. Asymmetric thiolcarbamates. 3,185,720, 5–25–65, Cl. 260—455.
Tilles, Harry, and R. Curtis, to Stauffer Chemical Co. Alkyl hexamethylene-thiolcarbamates. 3,198,786, 8–3–65, Cl. 260—239.
Tillett, George H.: *See*—
Tillett, Mary V. and G. H. 3,175,488.
Tillett, Mary V. and G. H., to Bigelow-Sanford, Inc. Printing and dyeing of pile material. 3,175,488, 3–30–65, Cl. 101—115.
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Tillinghast, David G., and P. E. Sembach, to Trailmobile Inc. Rail mount. 3,225,871, 12–28–65, Cl. 189—36.
Tillinghast, John A.: *See*—
Grimes, Arthur S., Hunter, and Tillinghast. 3,211,135.
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Margulies, Paul H., and Tillis. 3,206,384.
Tillis, William J., to FMC Corp. Cleaning and brightening of solder. 3,181,984, 5–4–65, Cl. 156—20.
Tillisch, Paul W., and A. F. Raffaelli, to Kaiser Gypsum Co., Inc. Joint structure for plasterboard. 3,180,058, 4–27–65, Cl. 50—194.
Tillisch, Paul W., and G. E. Meyer, to Kaiser Gypsum Co., Inc. Ceiling suspension clip. 3,225,394, 12–28–65, Cl. 20—92.
Tillman, Cassius L., III: *See*—
Parkhurst, Warren E., and Tillman. 3,225,833.
Tillman, Edward S., Jr., to American Radiator & Standard Sanitary Corp. Thermoelectric heat pump. 3,212,275, 10–19–65, Cl. 62—3.
Tillman, Henry R.: *See*—
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Tillman, Richard M.: *See*—
Hunt, Mack W., Carter, and Tillman. 3,219,412.
Tillman, Robert M., to Burroughs Corp. Electromagnetic transducer. 3,214,741, 10–26–65, Cl. 340—174.
Tillman, Robert M., and J. D. Henry, to Burroughs Corp. Saturable core multivibrator with auxiliary flux generating frequency controls. 3,221,270, 11–30–65, Cl. 331—113.
Tillotson, George A.: *See*—
Daglish, Anthony F., Vonderwahl, and Tillotson. 3,175,980.
Daglish, Anthony F., Vonderwahl, and Tillotson. 3,201,315.
Tillotson, Henry B. Dispensing apparatus. 3,193,433, 7–6–65, Cl. 156—527.
Tillotson, Howard T.: *See*—
Townley, Eustace R., Harvey, and Tillotson. 3,195,163.
Tillotson, James A., III, and J. C. Meyer. Electronic device and method for testing and teaching. 3,210,864, 10–12–65, Cl. 35—9.
Tillotson, Le Roy C.: *See*—
Schelleng, John C., and Tillotson. 3,166,749.
Tillotson Mfg. Co., The: *See*—
Phillips, Bernard C. 3,170,005.
Phillips, Bernard C. 3,177,920.
Phillips, Bernard C. 3,208,739.
Tillson, Henry C. Coating composition comprising a terpolymer of an alkyl acrylate, an alkyl methacrylate and an ester of a β,α-unsaturated alcohol with methacrylic acid. 3,219,610, 11–23–65, Cl. 260—29.6.
Tillson, Robert S., to General Electric Co. Rotor type electric switch with resiliently mounted contact members. 3,202,775, 8–24–65, Cl. 200—6.
Tillvaxtfaktorer, Aktiebolaget: *See*—
Lundin, Liss A. 3,166,049.
Tilly, Graham P.: *See*—
Fraser, Murdo, and Tilly. 3,216,088.
Tilly, Ralph R.: *See*—
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Tilman, Ted N., to Jennings Radio Mfg. Corp. Remotely actuated vacuum coaxial switch with reduced-in-thickness contact portions for eliminating cross-talk. 3,171,090, 2–23–65, Cl. 333—7.
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Tilsen, Benjamin L. Lightweight aggregate and method of producing same. 3,192,060, 6–29–65, Cl. 106—97.
Tiltins, Janis: *See*—
Shafranek, Robert J., and Tiltins. 3,223,916.
Shafranek, Robert J., Tiltins, and Lash. 3,181,018.
Tiltins, Janis, to TRW Inc. Alternator. 3,223,866, 12–14–65, Cl. 310—155.
Tilton, Charles J.: *See*—
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Tilton, Thomas D.: *See*—
Fulton, Langdon H., and Tilton. 3,176,170.
Tilton, Webster, Jr. Accounting systems. 3,201,146, 8–17–65, Cl. 281—31.
Tilton, Webster, Jr. Expansible stationery container. 3,224,661, 12–21–65, Cl. 229—72.
Tilton, William E., and E. G. Hall. Electronic sound transmission. 3,176,071, 3–30–65, Cl. 179—1.
Timares, Norman R., and R. MacKenzie, to FMA, Inc. Aperture card conversion camera. 3,225,649, 12–28–65, Cl. 88—24.
Timax Associates: *See*—
Slatin, Harvey L. 3,178,716.
Timberlake, John R., to International Harvester Co. Bale thrower. 3,191,755, 6–29–65, Cl. 198—128.
Timberlake, John R., H. O. Halstensgard, and A. J. Thayer, to International Harvester Co. Wire holder and release for wire twister for balers. 3,167,001, 1–26–65, Cl. 100—21.
Timberlake, John R., H. O. Halstensgard, and A. J. Thayer, to International Harvester Co. Wire holder and release for wire twister for balers. 3,213,895, 10–26–65, Cl. 140—93.6.
Timberlake, John R., H. O. Halstensgard, and A. J. Thayer, to International Harvester Co. Wire holder and release for wire twister for balers. 3,213,896, 10–26–65, Cl. 140—93.6.
Timberlake, John R., H. O. Halstensgard, and A. J. Thayer, to International Harvester Co. Wire holder and release for wire twister for balers. 3,213,900, 10–26–65, Cl. 140—149.
Timberlake, Robert E., to American Hoist & Derrick Co. Method of forging choker hooks. 3,192,760, 7–6–65, Cl. 72—341.
Timberland-Ellicott Ltd.: *See*—
Doel, Reginald G., and Jordan. 3,222,033.
Symons, Robert C. 3,191,709.
Symons, Robert C., Orpana, and Wagter. 3,167,147.
Timberline Equipment Co.: *See*—
Busch, Thomas N. 3,198,225.
Busch, Thomas N., D. W. and B. E. Jasper. 3,196,911.
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Time, Inc.: *See*—
Galer, Merrill F. 3,192,895.
Hall, Vincent C. 3,194,882.
Jordan, Joseph G. 3,215,030.
Parks, Herman D. 3,169,762.
Robinson, David E. 3,194,729.
Ross, Austin. 3,194,883.
Ross, Austin, and Jordan. 3,194,884.
Stiles, Morrison N. 3,212,919.
Timesaver Products Co.: *See*—
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Timin, Mitchell E.: *See*—
Fortescue, Peter, and Timin. 3,179,569.
Timm, Eugene A., to Parke, Davis & Co. Polyvalent vaccine containing 1,1'-hexamethylenebis-[5-(*p*-chlorophenyl)-biguanide]. 3,170,840, 2–23–65, Cl. 167—78.
Timm, Heinz, to Diehl. Arrangement for controlling the brightness of direct current operated illuminating and signalling lamps in air vehicles and the like. 3,222,571, 12–7–65, Cl. 315—130.
Timm, Roderick G. Automatic hemming unit. 3,192,885, 7–6–65, Cl. 112—2.
Timm, Walter, to Mine Safety Appliances Co. Air cooler for protective suits. 3,192,728, 7–6–65, Cl. 62—5.
Timmerbeil, Hans J., to Titan-Eisenwarenfabrik G.m.b.H. Hoop iron for wrapping round bales. 3,177,538, 4–13–65, Cl. 24—20.
Timmerman, Robert, to Radiation Dynamics, Inc. Cross-linking of polyvinylidene fluoride and wire coated with the cross-linked resin. Re. 25,904, 11–16–65, Cl. 204—154.
Timmermans, Franciscus J. H.: *See*—
Seldenrath, Theodorus, Verstraten, and Timmermans. 3,219,280.
Verstraten, Jan, and Timmermans. 3,209,113.
Timmins, John, and E. A. Horbury, to Rolls-Royce Ltd. Process of protecting metal by the use of a sprayable coating. 3,180,764, 4–27–65, Cl. 148—13.1.
Timmons, Anthony, and K. O. Engstrom, to Leslie Salt Co. Salt conveying system. 3,194,607, 7–13–65, Cl. 302—28.
Timmons, George A., and M. Semchyshen, to American Metal Climax, Inc. Forgeable high temperature cast alloys. 3,177,076, 4–6–65, Cl. 75—176.
Timmons, John W. Valving system for water softeners. 3,216,450, 11–9–65, Cl. 137—599.1.
Timoshuk, Albert I.: *See*—
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Timour, Sune, and S. Oldberg, to Eaton Mfg. Co. Variable compression ratio piston. 3,205,878, 9–14–65, Cl. 123—48.
Timper, Arthur J., to Lear Siegler Inc. Silicon impregnated graphite part and process for producing same. 3,164,489, 1–5–65, Cl. 117—212.
Timpe, Winfried G.: *See*—
Adler, Irwin L., and Timpe. 3,220,204.

Timpner, Fred F.: *See*—
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Tindale, John V., to Rolls-Royce Ltd. Apparatus to admix bypass air with exhaust gases in a by-pass gas-turbine engine. 3,196,608, 7–27–65, Cl. 60—35.6.
Tindall, Howard D.: *See*—
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Olsen, Willy, and Tindall. 3,220,291.
Olsen, Willy, and Tindall. 3,223,955.
Olsen, Willy, Tindall, and Pahel. 3,200,357.
Tindall, John B., to Commercial Solvents Corp. Production of dialkylhydrazines. 3,178,479, 4–13–65, Cl. 260—583.
Tindall, John B., to Commercial Solvents Corp. Process for purification of nitromethane. 3,211,630, 10–12–65, Cl. 202—42.
Tindall, John M. Food packaging machine. 3,183,642, 5–18–65, Cl. 53—251.
Tinder, David V., and W. R. Carey, to Dura Corp. Power actuator with harmonic drive. 3,182,525, 5–11–65, Cl. 74—640.
Tinfow, Lionel: *See*—
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Tingley, Bruce H., to Sperry Rand Corp. Carriage control for calculating machine. 3,214,093, 10–26–65, Cl. 235—60.
Tingley, Donald J., to Corning Glass Works. Glass pressing plunger and method of its use. 3,195,996, 7–20–65, Cl. 65—106.
Tinius Olsen Testing Machine Co.: *See*—
Klatchko, George A. 3,203,231.
Lehnig, Paul C., Jr. 3,203,232.
Tinkelenberg, William G., to General Electric Co. Extractor for removing printed circuit boards from a rack. 3,178,214, 4–13–65, Cl. 294—15.
Tinker, Charles D. Motorized hand truck. 3,205,963, 9–14–65, Cl. 180—19.
Tinker, Charles D. Oil atomizing burner. 3,215,187, 11–2–65, Cl. 158—76.
Tinker, Charles D. Light weight aggregate and process of making it. 3,215,542, 11–2–65, Cl. 106—39.
Tinker, John F., and J. J. Sagura, to Eastman Kodak Co. Use of salts of readily decarboxylated acids in thermography, photography, photothermography and thermophotography. 3,220,846, 11–30–65, Cl. 96—91.
Tinker, Walter H., D. B. Neff, and J. F. Hedge, to American Brake Shoe Co. Method and means for preventing cavitation in hydraulic piston and vane pumps. 3,202,101, 8–24–65, Cl. 103—5.
Tinkey, Charles W. Belt attached tape dispenser. 3,217,955, 11–16–65, Cl. 225—47.
Tinkham, Wesley L., to Draper Corp. Fabric control mechanism to prevent starting marks. 3,165,125, 1–12–65, Cl. 139—291.
Tinkham, Wesley L., to Draper Corp. Tape motion for shuttleless looms. 3,198,215, 8–3–65, Cl. 139—122.
Tinklepaugh, Betty M., to The Pure Oil Co. Process for preparing specimens for microphotographic examination. 3,207,615, 9–21–65, Cl. 117—4.
Tinkler, Almond: *See*—
Cashen, William S., and Tinkler. 3,169,588.
Tinnerman, George A. (G. A. Tinnerman III, guardian of said G. A. Tinnerman). Spring steel fasteners. 3,207,022, 9–21–65, Cl. 85—36.
Tinnerman, George A., III: *See*—
Tinnerman, George A. 3,207,022.
Tinnerman Products, Inc.: *See*—
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Holton, Robert J. 3,206,967.
Holton, Robert J. 3,208,122.
Tinnes, Leroy. Automatic pipe welding apparatus. 3,225,171, 12–21–65, Cl. 219—60.
Tino, Joseph R.: *See*—
Josephsen, Roy C., Tino, and Fulcher. 3,225,950.
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Tinsley, Samuel W., to Union Carbide Corp. Ethylenically unsaturated monoepoxy compounds. 3,226,401, 12–28–65, Cl. 260—340.6.
Tinsley, Samuel W., and P. S. Starcher, to Union Carbide Corp. 3-oxatricyclo [3.2.1.$0^{2,4}$] octane-6-methanols, ethers and esters and intermediate products. 3,187,018, 6–1–65, Cl. 260—348.
Tinsley, Samuel W., Jr., and E. A. Rick, to Union Carbide Corp. Unsaturated epoxides and method for making same. 3,203,939, 8–31–65, Cl. 260—88.1.
Tinson, Clifford W.: *See*—
Dowty, George H., Tinson, Eeles, and Andrews. 3,188,023.
Dowty, George H., and Tinson. 3,226,061.
Tint, Howard: *See*—
Hobbs, Norman L., and Tint. 3,189,227.
Tint, Howard, and J. W. Ridley, to American Home Products Corp. Dispensing container for vaccinating needles. 3,212,670, 10–19–65, Cl. 221—312.
Tinti, Karlheinz, and H. Waclawiczek, to O. Ruthner. Apparatus for sucking-off and collecting dust. 3,178,862, 4–20–65, Cl. 51—273.
Tiola, Joseph M. Tubular member for furniture and its method of manufacture. 3,166,100, 1–19–65, Cl. 138—171.
Tippens, Dorr E., M. A. Cohen, and F. Bush, to American Sugar Co. Sugar product and method of producing same. 3,194,682, 7–13–65, Cl. 127—30.
Tipper, Maynard J. G., to Rheem Mfm. Co. Apparatus for fastening casings and the like. 3,210,835, 10–12–65, Cl. 29—243.57.
Tipper, Maynard J. G., to Rheem Mfg. Co. Portable apparatus for fastening casings and the like. 3,224,083, 12–21–65, Cl. 29—243.57.
Tippett, Helen P.: *See*—
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Tippmann, Joseph R., ½ to John Edward Baker. Heat transfer method to preclude ice formation on paving. 3,195,619, 7–20–65, Cl. 165—1.
Tipton, Charles D., to Collins Radio Co. Inflatable variable-bandwidth antenna. 3,176,302, 3–30–65, Cl. 343—872.
Tipton, Earl W., to Westinghouse Electric Corp. Magnetic core structure with cooling passages therein. 3,183,461, 5–11–65, Cl. 336—60.
Tipton, John J. Pipe line clamp. 3,172,384, 3–9–65, Cl. 113—102.
Tipton, Lynn L., to Westinghouse Electric Corp. Apparatus for suppressing transients during switching. 3,189,796, 6–15–65, Cl. 317—148.5.
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Tirado, Adalberto, to Fabricas de Papel Loreto y Pena Pobre, S.A. Method for the oxidation of black liquor. 3,178,260, 4–13–65, Cl. 23—48.
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Haessler, Walter M. 3,185,487.
Tirpak, George A., to W. R. Grace & Co. Non-static polyolefin-polyethylene glycol stearate ester composition. 3,177,174, 4–6–65, Cl. 260—31.4.
Tirrell, Charles E., and E. J. Parsi, to Ionics, Inc. Process and apparatus for electrolyzing salt solutions. 3,222,267, 12–7–65, Cl. 204—98.
Tisch, Richard E., to Minnesota Rubber Co. Rotary seal with serpentine configurations. 3,195,902, 7–20–65, Cl. 277—95.
Tischler, Oscar: *See*—
Wood, Charles, and Tischler. 3,208,276.
Tisdale, Lucien E. Method and apparatus for forming longitudinal corrugations in sheet material. 3,178,494, 4–13–65, Cl. 264—90.
Tisher, Paul W., and H. Kramer, to Dr. W. Smith and Younger Mfg. Co. Spectacle lens system having protective major lens and detachable posterior corrective lens. 3,195,145, 7–13–65, Cl. 351—159.
Tishken, Paul. Adjustable fixture. 3,165,141, 1–12–65, Cl. 153—32.
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Blanchin, Roger, and Tison. 3,196,782.
Tissot, Hans. Rotary pump. 3,186,348, 6–1–65, Cl. 103—135.
Tissot-Dupont, Lucien F. S., to S. T. Dupont. Pressure reducer for liquefied gas containers. 3,183,686, 5–18–65, Cl. 67—7.1.
Tissot-Dupont, Lucien F. S., to S.A.R.L./S.T. Dupont. Safety filling valve for liquefied gas containers. 3,186,449, 6–1–65, Cl. 141—295.
Titan-Eisenwarenfabrik G.m.b.H.: *See*—
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Titangesellschaft m.b.H.: *See*—
Bramekamp, Karl-Jurgen, and Kulling. 3,224,215.
Nespital, Walter. 3,169,046.
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Titanium Metals Corp. of America: *See*—
Cooper, Donald E., and Herres. 3,201,835.
Covington, Loren C., and Powell. 3,202,598.
Dilling, Elmer D. 3,164,043.
Dilling, Elmer D. 3,182,475.
Dilling, Elmer D. 3,217,521.
Koncewicz, Al. 3,196,308.
Miller, James F. 3,205,050.
Wardlaw, Tommie L. 3,165,829.
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Tittle, Charles W., to Schlumberger, Ltd. Radioactive well logging method. 3,184,598, 5–18–65, Cl. 250—83.3.
Tittmann, Frederick R., to Union Carbide Corp. Process and apparatus for producing plastic net. 3,178,328, 4–13–65, Cl. 156—167.
Titus, Charles H., to General Electric Co. Electric circuit interrupter of the vacuum type with series-related arcing gaps. 3,185,798, 5–25–65, Cl. 200—144.
Titus, Charles H., to General Electric Co. Vacuum type circuit interrupter with improved vapor-condensing shielding. 3,185,800, 5–25–65, Cl. 200—144.
Titus, Harry W., ⅔ to Limestone Products Corp. of America. Animal feed containing urea addition complex. 3,180,735, 4–27–65, Cl. 99—2.
Titus, Leslie, to Kaiser Aluminum & Chemical Corp. Method of joining an electrically conductive metal to a refractory hard metal. 3,180,023, 4–27–65, Cl. 29—527.
Titus, Leslie, and D. J. Aldous, to Kaiser Aluminum & Chemical Corp. Apparatus for continuous production of material at elevated temperatures. 3,175,889, 3–30–65, Cl. 23—260.

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Straub, Harold E., and Averill. 3,185,069.
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Titzel, John M., to Titzel Engineering Inc. Portable scaffolds and work towers. 3,166,154, 1–19–65, Cl. 182—128.

Tix, Arthur, to Bochumer Verein fur Gusstahlfabrikation AG. Apparatus and process for processing strip material. 3,200,624, 8–17–65, Cl. 72—19.

Tix, Arthur, to Bochumer Verein fur Gusstahlfabrikation Aktiengesellschaft. Hot rolling mill controls. 3,220,232, 11–30–65, Cl. 72—7.

Tlaker, Erich, to The Fellows Gear Shaper Co. Method of forming shouldered articles. 3,165,199, 1–12–65, Cl. 205—4.

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Tobias, Edward A., W. Kaufman, and S. J. Tobias. Spiral stitching mechanism. 3,177,831, 4–13–65, Cl. 112—2.

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Tocker, Stanley, to E. I. du Pont de Nemours and Co. Acryloxyacetophenone copolymers. 3,165,497, 1–12–65, Cl. 260—62.

Tocker, Stanley, to E. I. du Pont de Nemours and Co. Cyclized alpha olefin copolymers and process. 3,168,501, 2–2–65, Cl. 260—85.3.

Tocker, Stanley, to E. I. du Pont de Nemours and Co. Copolymers of olefinic compounds with p-tertiary alkyl phenyl acrylates and isomers thereof. 3,170,899, 2–23–65, Cl. 260—86.7.

Tocker, Stanley, to E. I. du Pont de Nemours and Co. Polymers of acrylic esters of salicyloylbenzoylmethane. 3,175,024, 3–23–65, Cl. 260—837.

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Todd, David B., W. R. Keeler, and R. C. Balfour, to Shell Oil Co. Elastomer recovery process. 3,202,647, 8–24–65, Cl. 260—94.7.

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Todd, Eugene M., T. C. Herring, and F. X. Doyle, to United States of America, Navy. Torque sensing switch. 3,192,335, 6–29–65, Cl. 200—61.39.

Todd, Everett W., to Massey-Ferguson Inc. Adjustable quick hitch. 3,195,651, 7–20–65, Cl. 172—272.

Todd, Harry W. Apparatus for extracting fresh water from ocean salt water. 3,171,808, 3–2–65, Cl. 210—321.

Todd, Hoyt H., to Electro-Optical Systems, Inc. Method of fabricating fine grids. 3,223,878, 12–14–65, Cl. 313—348.

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Todd, William L., to Oil Center Tool Co. Tubing hanger assembly. 3,193,308, 7–6–65, Cl. 285—18.

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Todt, Hans G., to Schering, A.G. Nickel plating brightener. 3,190,821, 6–22–65, Cl. 204—49.

Todt, Joachim H. Thin film magnetic shutter display panel. 3,166,635, 1–19–64, Cl. 178—7.3.

Todt, Joachim H., and A. H. Johnson, to Maico Electronics, Inc. Electrical apparatus. 3,186,115, 6–1–65, Cl. 40—28.

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Toepfer, Edwin F. Combined lock and switch. 3,211,850, 10–12–65, Cl. 200—61.64.

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Tofanelli, Daniel D., to Otis Elevator Co. Monorail for counterweight frames. 3,211,259, 10–12–65, Cl. 187—95.

Tofflemire, Benjamin F. Dental separator. 3,197,870, 8–3–65, Cl. 32—64.

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Tolan, Homer S., Jr., to Ford Motor Co. Steering column noise barrier. 3,214,994, 11–2–65, Cl. 74—490.
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Bell, Robert E., and Kendall. 3,205,957.
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Tollet, Louis H. J., to Societe anglo-belge Vulcain, Societe Anonyme. Nuclear reactor closure. 3,215,302, 11–2–65, Cl. 220—24.
Tollet, Louis H. J., to Societe anglo-belge Vulcain, Societe anonyme. Nuclear reactors. 3,218,236, 11–16–65, Cl. 176—42.
Tollet, Louis H. J., and P. E. J. M. Maldague, to Societe anglo-belge Vulcain, Societe anonyme. Nuclear reactors. 3,212,-981, 10–19–65, Cl. 176—36.
Tollet, Louis H. J., and P. E. J. M. Maldague, to Societe anglo-belge Vulcain, Societe anonyme. Method of varying the moderation in a nuclear reactor. 3,212,984, 10–19–65, Cl. 176—42.
Tollison, Paul L., C. L. Ricards, and P. J. Schkeeper, to Wood-Newspaper Machinery Corp. Stereotype plate casting machine. 3,172,172, 3–9–65, Cl. 22—3.
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Tomasko, Howard M., and R. A. Hill, to Waterous Co. Apparatus for angularly relating members on a shaft. 3,192,-639, 7–6–65, Cl. 33—182.
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Tomayko, Edward, to Goodyear Aerospace Corp. Method for weaving contoured thread connected dual wall inflatable fabric. 3,216,460, 11–9–65, Cl. 139—20.

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Tomioka, Shigenori. Process of producing a soil nutrient by reacting a humic matter with nitric acid. 3,197,300, 7–27–65, Cl. 71—24.
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Johnston, Howard, Norton, and Tomita. 3,173,919.
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Johnston, Howard, and Tomita. 3,224,950.
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Tomkins, Alan G., to The British Oxygen Co. Ltd. Method and apparatus for the manufacture of metal strip. 3,191,843, 6–29–65, Cl. 228—5.
Tomkins-Johnson Co.: *See*—
Corwin, Howard D. 3,195,422.
Maurer, Raymond H. 3,196,753.
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Tomko, Donald R., to Curtiss-Wright Corp. No-back couplings. 3,193,066, 7–6–65, Cl. 192—8.
Tomlin, Edward A., to Gestetner Ltd. Counting mechanisms. 3,201,040, 8–17–65, Cl. 235—132.
Tomlinson, Arthur R., to Avisun Corp. Method of forming foamed plastic articles. 3,198,859, 8–3–65, Cl. 264—55.
Tomlinson, H. W., Co., Inc.: *See*—
Tomlinson, Harold W. 3,212,638.
Tomlinson, Harold W., to H. W. Tomlinson Co., Inc. Display package. 3,212,638, 10–19–65, Cl. 206—78.
Tomlinson Industries, Inc.: *See*—
Giese, Elroy J. 3,203,139.
Seltsam, Harold O. 3,174,212.
Seltsam, Harold O. 3,207,472.
Tomlinson, John D.: *See*—
Weber, Victor, and Tomlinson. 3,222,204.
Tomlinson, Lee H.: *See*—
Staub, Fred W., and Tomlinson. 3,224,504.
Tomlinson, Terence B., to Hazeltine Research, Inc. Electroluminescent-photoconductive device with improved linearity response. 3,187,184, 6–1–65, Cl. 250—213.
Tomono, Masami, T. Takagi, T. Tokuyama, and K. Sato, to Kabushiki Kaisha Hitachi Seisakusho. Semiconductor switching element and process for producing the same. 3,175,934. 3–30–65, Cl. 148—177.
Tomono, Masami, S. Tauchi, H. Kodera, and K. Sato, to Kabushiki Kaisha Hitachi Seisakusho. Process for the production of npn or pnp junction. 3,192,082, 6–29–65, Cl. 148—172.
Tompkins, Audrey S.: *See*—
Tompkins, Norman G., and Broderick. 3,217,642.
Tompkins Bros., Co., Inc.: *See*—
Limbacher, Willard P., and Yackel. 3,167,940.
Tompkins, Harold W.: *See*—
Ratje, John D., and Tompkins. 3,216,212.
Tompkins Label Service, Inc.: *See*—
Wright, Donald J. 3,203,621.
Tompkins, Melvin W., and W. L. Ellis, to New Castle Products, Inc. Air screen structure components and method of operation. 3,170,385, 2–23–65, Cl. 98—36.
Tompkins, Norman G.: *See*—
Isaacs, Philip K., Tompkins, Nimoy, and Haden. 3,168,491.
Tompkins, Norman G., deceased (by A. S. Tompkins and Safe Deposit and Trust Co., executors), and J. F. Broderick, to W. R. Grace & Co. Compositions for printing plates having improved shrinkage. 3,217,642, 11–16–65, Cl. 101—401.1.
Tompson, Clement R., to Zenith Radio Corp. Fluidized-bed type of coating apparatus. 3,167,454, 1–26–65, Cl. 118—425.
Tompson, Clement R., to Zenith Radio Corp. Horologe with time indication projected on screen. 3,179,003, 4–20–65, Cl. 88—24.
Tompson, Clement R., to Zenith Radio Corp. Tuning indicator. 3,181,497, 5–4–65, Cl. 116—124.4.
Tompson, Wiley Y.: *See*—
Downs, Samuel, Jr. 3,166,757.
Toms, Charles F., to British Aircraft Corp. (Operating) Ltd. Fuselage closure for variable sweep aircraft. 3,175,791, 3–30–65, Cl. 244—130.
Toms, Charles F., to Hunting Aircraft Ltd. Aeroplanes having wings capable of adjustment in sweep. 3,206,146, 9–14–65, Cl. 244—46.
Toms, Lloyd M., to Acme Visible Records, Inc. Filing device. 3,167,074, 1–26–65, Cl. 129—16.
Toms, Lloyd M., to Acme Visible Records, Inc. Record file. 3,167,873, 2–2–65, Cl. 40—124.
Toms, Lloyd M., to Acme Visible Records, Inc. Record filing cabinet. 3,203,748, 8–31–65, Cl. 312—252.
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Fitzpatrick, Joseph W., Wehner, and Hildreth. 3,211,755.
Hildreth, John D. 3,203,751.
Tom Tom Beverage Co.: *See*—
Johnston, Woody S. and I., and J. F. and M. S. Gebhardt. 3,174,865.
Tomuschat, Hans-Joachim: *See*—
Feichtinger, Hans, and Tomuschat. 3,164,631.
Tonami, Hitoshi: *See*—
Hata, Hideo, Tonami, and Koide. 3,219,740.
Tondreau, Albert W., to Warner Bros. Pictures, Inc. Single projector stereoscopic system. 3,189,915, 6–15–65, Cl. 352—60.
Tondreau, Albert W., L. F. Geyer, and W. A. Trotto. Self-contained electrical musical instrument. 3,194,870, 7–13–65, Cl. 84—1.16.
Tone, John W.: *See*—
Aronson, Louis V., II, Tone, Oberg, and Nissman. 3,220,450.
Freedman, Lawrence I., and Tone. 3,171,994.
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Grijseels, Robert A., and Tonen. 3,165,702.
Tonge, David: *See*—
Shirley, Marcus B., and Tonge. 3,164,543.
Tongret, Stewart, to Basic Electronic Controls Inc. Switching device and circuit for radiation sensing apparatus. 3,207,932, 9–21–65, Cl. 307—141.
Tongue, Ben H.: *See*—
Blonder, Isaac S., and Tongue. 3,175,033.
Tongue, Thomas O.: *See*—
Mandle, Richard M., and Tongue. 3,186,648.
Tonik, Albert B.: *See*—
Schmitt, William F., and Tonik. 3,213,427.
Tonka Toys Inc.: *See*—
Mell, Eric W. 3,180,248.
Zbikowski, Theodore H. 3,205,612.
Tonkin, Kenneth J., to A. B. Dick Co. One-way overrunning clutch. 3,187,864, 6–8–65, Cl. 192—46.
Tonkowich, William, and T. Pawelko, to Associated Testing Laboratories, Inc. Vehicle washing unit. 3,195,546, 7–20–65, Cl. 134—45.
Tonne, Fritz J.: *See*—
Gugel, Walter, and Tonne. 3,214,144.
Tönnies, Eduard, to Hamburger Flugzeugbau Gesellschaft mit beschrankter Haftung. Control assembly. 3,209,612, 10–5–65, Cl. 74—471.
Tonnon, Vincent F. Frame and attaching means for windows, screens or the like. 3,175,603, 3–30–65, Cl. 160—107.
Tonolo, Alessandro. Stretching frame. 3,179,974, 4–27–65, Cl. 18—1.
Tonolo, Antonio: *See*—
Amici, Alba M., Minghetti, Spalla, and Tonolo. 3,201,326.
Tonooka, Shinichi, G. C. Mergner, and A. J. Williams, Jr., to Leeds and Northrup Co. Switch with mercury wetted contacts. 3,190,993, 6–22–65, Cl. 200—152.
Tonti, Armando: *See*—
Tonti, Emilio, E., S., and A. 3,221,823.
Tonti, Elio: *See*—
Tonti, Emilio, E., S., and A. 3,221,823.
Tonti, Emilio, E., S., and A. Depth drilling machine mounted on a four-wheeled truck. 3,221,823, 12–7–65, Cl. 173—25.
Tonti, Silvio: *See*—
Tonti, Emilio, E., S., and A. 3,221,823.
Tontscheff, Todor K. Cutting pliers. 3,210,844, 10–12–65, Cl. 30—250.
Tooka, Takuzo, and K. Takada, to Toyoda Automatic Loom Works, Ltd. Circulatory system for moving the sliver cans in a spinning plant. 3,199,152, 8–10–65, Cl. 19—159.
Tooke, James F., to Phillips Petroleum Co. Fractional crystallization. 3,218,817, 11–23–65, Cl. 62—58.
Tooker, George J., to Continental Can Co., Inc. Machine for and method of making book covers. 3,204,986, 9–7–65, Cl. 281—29.

Tool Research and Engineering Corp.: *See*—
Hamm, Theodore F., and Lord. 3,186,747.
Tool Steel Gear and Pinion Co., The: *See*—
Lynd, Samuel V., Jr. 3,166,023.
Tool-Tech Corp.: *See*—
Tycienski, Martin J. 3,175,429.
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Sims, Samuel E., Northington, Toole, and Milam. 3,215,-932.
Tools, Jerry F., to Alto Chemical Laboratory, Inc. Pool sterilization. 3,215,627, 11–2–65, Cl. 210—62.
Toomey, Charles L., to Sylvania Electric Products Inc. Fluorescent lamp with noble metal amalgamated electrode. 3,215,882, 11–2–65, Cl. 313—109.
Toomey, John A. and L. T. Collar and method of making the same. 3,206,763, 9–21–65, Cl. 2—129.
Toomey, John A. and L. T. Combined collar and neckband construction for clerical garments. 3,206,764, 9–21–65, Cl. 2—139.
Toomey, John B., Jr., to Value Engineering Co. Rotating missile launching shoe. 3,195,406, 7–20–65, Cl. 89—1.7.
Toomey, John W.: *See*—
Toomey, William H. and J. W. 3,209,066.
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Toomey, John A. and L. T. 3,206,763.
Toomey, John A. and L. T. 3,206,764.
Toomey, William H. and J. W. Printed circuit with integral welding tubelets. 3,209,066, 9–28–65, Cl. 174—68.5.
Toone, Brian, and A. M. Barham, to Rolls-Royce Ltd. Catalytic igniters for combustion equipment. 3,182,472, 5–11–65, Cl. 67—19.
Toone, Brian, and A. M. Barham, to Rolls-Royce Ltd. Ignition device for combustion equipment. 3,196,614, 7–27–65, Cl. 60—39.82.
Toorell, Sture E., to Atvidaberg-Facit, Aktiebolaget. Locking and releasing mechanism for function controlling keys of calculating machines. 3,168,241, 2–2–65, Cl. 235—130.
Tootal Broadhurst Lee Co. Ltd.: *See*—
Burkitt, Frank H. 3,212,842.
Topanelian, Edward, Jr.: *See*—
Huitt, Jimmie L., McGlothlin, and Topanelian. 3,175,516.
Topaz, Jeremy M.: *See*—
Burgarella, John P., and Topaz. 3,205,799.
Burgarella, John P., and Topaz. 3,205,803.
Topaz, Jeremy M., to Polaroid Corp. Shutter timing apparatus. 3,200,723, 8–17–65, Cl. 95—11.5.
Topaz, Jeremy M., to Polaroid Corp. Shutter timing apparatus. 3,205,804, 9–14–65, Cl. 95—55.
Tope, William G.: *See*—
Mayfield, Ross M., and Tope. 3,170,759.
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Strasser, Helmut, Schuchard, Topel, and Renner. 3,204,-542.
Topetchy, Byron V. Envelope arrangement. 3,178,097, 4–13–65, Cl. 229—86.
Topinka, George F., to Parker-Hannifin Corp. Fluid pressure motor. 3,208,354, 9–28–65, Cl. 91—180.
Topinka, George F., to Parker-Hannifin Corp. Valve operator. 3,225,612, 12–28–65, Cl. 74—102.
Topliss, John G., M. H. Sherlock, and N. Sperber, to Schering Corp. 2,4-di-(chlorosulfonyl)-anilidenes and their preparation. 3,206,507, 9–14–65, Cl. 260—543.
Topol, George J., to Bowser, Inc. Photoelectric comparison apparatus for indicating the amount of contamination in liquids. 3,200,700, 8–17–65, Cl. 88—14.
Topol, George J., and L. B. Baranowski, to Bowser, Inc. Filter and dehydrator. 3,223,244, 12–14–65, Cl. 210—247.
Topp, Howard A., Jr.: *See*—
Chiapuzio, Anton, Jr., and Topp. 3,187,303.
Topp, Howard A., Jr., R. S. Megerle, and G. H. Shaw, to North American Aviation, Inc. Automatic functional test equipment utilizing digital programmed storage means. 3,219,927, 11–23–65, Cl. 324—73.
Topps Chewing Gum, Inc.: *See*—
Heilbrunn, Alfred. 3,200,685.
Solomon, Benjamin. 3,186,591.
Tomberg, Victor T. 3,186,273.
Tomberg, Victor T. 3,188,983.
Topps Products Corp.: *See*—
Mandel, Marvin. 3,181,706.
Top-Scor Products, Inc.: *See*—
Bassett, Harold J. 3,215,532.
Landfried, Bert W. 3,180,736.
Topsoe, Haldor F. A. Method of relieving a hydrogen-containing gas-mixture of readily soluble gases contained in the mixture. 3,191,361, 6–29–65, Cl. 55—44.
Torcheux, Emile: *See*—
Honore, Etienne, and Torcheux. 3,178,565.
Honore, Etienne, Torcheux, and Tubeuf. 3,188,454.
Torchia, Gildo R. Educational device. 3,192,650, 7–6–65, Cl. 35—31.
Torchio in Gattrugeri, Anna M. Method and apparatus for the continuous making of valved bags. 3,215,048, 11–2–65, Cl. 93—8.
Torelli, Boyd M., to Mid-States Steel & Wire Co. Apparatus for forming twisted cable. 3,180,372, 4–27–65, Cl. 140—149.
Torgeson, Dewayne C.: *See*—
Hensley, William H., Torgeson, and Lambrech. 3,190,887.
Torii, Tanekatsu. Bearing assemblies. 3,186,778, 6–1–65, Cl. 308—121.
Torimitsu, Seiichi: *See*—
Ito, Yoshikazu, and Torimitsu. 3,218,247.
Tornberg, Isidor, H. M. Broad, W. J. Armstrong, and O. E. Sugar, to Newsday, Inc. High speed web punching device. 3,222,966, 12–14–65, Cl. 83—98.
Tornoe, John A.: *See*—
Schlage, Ernest L., and Tornoe. 3,211,029.
Tornoe, John A., to Schlage Lock Co. Wafer tumbler key system. 3,208,248, 9–28–65, Cl. 70—383.
Tornqvist, Erik: *See*—
Kirshenbaum, Iisidor, Lucchesi, and Tornqvist. 3,203,-946.
Wilsher, Rudolph S., Tornqvist, and Lynn. 3,223,690.
Tornqvist, Erik G. M., and P. A. Argabright, to Esso Research and Engineering Co. Cocrystallized vanadium-titanium-aluminum halide catalyst system. 3,223,651, 12–14–65, Cl. 252—429.
Toro Mfg. Corp.: *See*—
Ertsgaard, Byron L., and Rubin. 3,169,358.
Torobin, Leonard B., and D. L. Baeder, to Esso Research and Engineering Co. Method of freeze concentrating solutions within immiscible liquid phase coolant. 3,178,899, 4–20–65, Cl. 62—58.
Torobin, Leonard B., and D. L. Baeder, to Esso Research and Engineering Co. Method of fractionally crystallizing solutions with an immiscible liquid coolant. 3,180,102, 4–27–65, Cl. 62—58.
Torok, Albert M.: *See*—
Nash, Harold W., La Bossiere, and Torok. 3,165,883.
Torok, Julius J., to Owens-Illinois Glass Co. Current balancing means for multiple electrodes in electrically heated glass melting units. 3,182,112, 5–4–65, Cl. 13—6.
Torok, Julius J., to Owens-Illinois Glass Co. Glass forming plunger. 3,202,498, 8–24–65, Cl. 65—362.
Torok, Vilmos, to Allmanna Svenska Elektriska Aktiebolaget. Means for controlling a converter. 3,211,985, 10–12–65, Cl. 321—18.
Torossian, Edouard. Aerohydraulic pressure autotransformer for chucks and the like. 3,213,623, 10–26–65, Cl. 60—54.5.
Torp, Carl: *See*—
Mehlig, Herman E., Jr., and Torp. 3,189,392.
Torpey, Wilbur N. Method and apparatus for sewage treatment and disposal. 3,220,945, 11–30–65, Cl. 210—5.
Torque Controls, Inc.: *See*—
Grabovac, Bosko. 3,165,014.
Grabovac, Bosko. 3,200,632.
Torr, David, to Ralston Purina Co. Method of preparing an edible meat product. 3,173,795, 3–16–65, Cl. 99—108.
Torrance, Geoffrey P.: *See*—
Wilde, Geoffrey L., Beale, and Torrance. 3,178,887.
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Freedman, Robert P., Barnikel, and Torrance. 3,197,986.
Torre, Alton J.: *See*—
Tannenbaum, Daniel A., and Torre. 3,193,743.
Torre, Alton J., to Radio Corp. of America. Check number computing and printing apparatus. 3,166,243, 1–19–65, Cl. 235—61.
Torres, Joseph, to Hamilton Watch Co. Take-up mechanism for foil slitting machine. 3,189,292, 6–15–65, Cl. 242—56.9.
Torres, Lydia, to G. Wintriss. Feeler finger for detection equipment. 3,213,225, 10–19–65, Cl. 200—61.41.
Torresen, Robert, to Brunswick Corp. Frame totalizer. 3,179,790, 4–20–65, Cl. 235—92.
Torrey, Anthony J.: *See*—
Kerr, Donald R. 3,167,319.
Torrey, Henry C.: *See*—
Brown, Robert J. S., Torrey, and Korringa. 3,213,356.
Brown, Robert J. S., Torrey, and Korringa. 3,213,357.
Brown, Robert J. S., Torrey, and Korringa. 3,226,632.
Torrico, Jorge L., to Progressive Electronics, Inc. Pivotally actuated alternate action switch. 3,177,311, 4–6–65, Cl. 200—47.
Torrington Co., The: *See*—
Benson, Carl F. 3,217,515.
Benson, Carl F., and Cowles. 3,184,020.
Benson, Carl F., and Cowles. 3,194,368.
Bergevin, Charles R., and Diachenko. 3,194,282.
Bowen, Willard L., III. 3,198,222.
Bowen, Willard L., III. 3,198,223.
Klonoski, Stephen W. 3,201,857.
Murphy, William W. 3,167,363.
Murphy, William W. 3,168,359.
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Toth, Leo A. 3,199,329.
Toth, Leo A. 3,199,330.
Torrington Mfg. Co., The: *See*—
Merz, Kenneth A. 3,189,982.
Torrisi, John: *See*—
Leffelman, Richard G., and Torrisi. 3,196,442.
Torrison, Edward L. Dry-wall taping machine. 3,188,262, 6–8–65, Cl. 156—575.
Toruk, Nicholas, and J. B. Olson, to General Motors Corp. Sliding contact switch. 3,219,784, 11–23–65, Cl. 200—153.
Tosalli, Joseph, to Reuge S.A. Safety stop for ski attachment. 3,224,786, 12–21–65, Cl. 280—11.35.
Toscano, Esteban J., to Hughes Aircraft Co. Numerically controlled positioning system. 3,218,532, 11–16–65, Cl. 318—28.
Toscony, Inc.: *See*—
Van Ness, David W., and Dickman. 3,169,087.

Toshiba Denki Kigu Kabushiki Kaisha : *See*—
Aizawa, Bunji, and Katagiri. 3,169,519.
Tosoni, Anthony L., and A. Zubrys. 6-imidopenicillanic acids. 3,213,102, 10–19–65, Cl. 260—301.
Toss, Franco, to Hamac-Hansella Aktiengesellschaft. Method of forming transverse heat seals on tubular thermoplastic material, and apparatus therefor. 3,195,285, 7–20–65, Cl. 53—39.
Totalo, Nicholas J. : *See*—
Nielsen, Edward V. 3,190,230.
Toteff, George A., and T. J. Bacsanyi, to AMT Corp. Remotely controlled toy and track arrangement therefor. 3,201,899, 8–24–65, Cl. 46—244.
Totem Oil Tools, Inc. : *See*—
Farrar, Willie W., and Lewis. 3,186,489.
Toth, Anthony : *See*—
Yost, Stanley A., and Toth. 3,187,907.
Toth, David, 51% to N. J. Leo, and 49% to B. D. Platt. Electrically powered stripping device. 3,195,232, 7–20–65, Cl. 30—169.
Toth, David J. : *See*—
Brilmyer, Harold G., and Toth. 3,215,024.
Toth, Istvan : *See*—
Vargha, Laszlo, Toldy, Toth, Dumbovich, and Borsi. 3,165,523.
Toth, Janos, ½ to Steve Marton. Back washer. 3,213,474, 10–26–65, Cl. 15—222.
Toth, John F. : *See*—
Freeman, Harold M., and Toth. 3,223,412.
Toth, Leo A., to Bantam Bearings Division, The Torrington Co. Mounting or fluid-operated dismounting rig for tight fitted bearing assemblies, and the like. 3,180,016, 4–27–65, Cl. 29—252.
Toth, Leo A., to The Torrington Co. Mill screw thrust bearing assembly. 3,199,328, 8–10–65, Cl. 72—248.
Toth, Leo A., to The Torrington Co. Screwdown-thrust bearing combination. 3,199,329, 8–10–65, Cl. 72—248.
Toth, Leo A., to The Torrington Co. Antifriction thrust bearings of rolling mills. 3,199,330, 8–10–65, Cl. 72—248.
Toth, Michael, Jr., to De Laval Turbine Inc. Protection system for turbochargers. 3,188,797, 6–15–65, Cl. 60—13.
Toth, Paul : *See*—
Hohwart, George, and Toth. 3,190,664.
Toth, Peter : *See*—
Beck, Zoltan, and Toth. 3,196,795.
Toth, Richard H. : *See*—
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Toti, Andrew J. Expansible and retractable panel structure. 3,196,931, 7–27–65, Cl. 160—183.
Toti, Andrew J. and C. J. Supporting post construction. 3,170,545, 2–23–65, Cl. 189—39.
Toti, Andrew J. and C. J. Structural assembly construction. 3,224,154, 12–21–65, Cl. 52—520.
Toti, Andrew J. and C. J. Vertical Venetian blind construction. 3,224,490, 12–21–65, Cl. 160—168.
Toti, Carlo J. : *See*—
Toti, Andrew J. and C. J. 3,170,545.
Toti, Andrew J. and C. J. 3,224,154.
Toti, Andrew J. and C. J. 3,224,490.
Totten, Gilbert vP. Beverage brewing and dispensing mechanism. 3,203,340, 8–31–65, Cl. 99—289.
Touchette, Norman W. : *See*—
Lauck, Albert J., and Touchette. 3,167,524.
Touey, George P. : *See*—
Tamblyn, John W., and Touey. 3,173,427.
Touey, George P., and R. C. Mumpower II, to Eastman Kodak Co. Tobacco smoke filter. 3,173,426, 3–16–65, Cl. 131—208.
Touey, George P., and V. A. Hoyle, Jr., to Eastman Kodak Co. Polyoxyloweralkylene glycol di α-sulpho monocarboxylates and salts thereof. 3,173,940, 3–16–65, Cl. 260—481.
Touey, George P., and J. E. Kiefer, to Eastman Kodak Co. Filter with combination plasticizer. 3,190,295, 6–22–65, Cl. 131—208.
Touey, George P., and J. E. Kiefer, to Eastman Kodak Co. Stabilized compositions of cyanoethyl sucrose. 3,212,910, 10–19–65, Cl. 106—162.
Touey, George P., and R. C. Mumpower II, to Eastman Kodak Co. Method of making a rigid filter for cigarettes. 3,220,-904, 11–30–65, Cl. 156—167.
Touey, George P., and H. E. Davis. Cyanoethylated hydroxyalkylsucrose and its preparation. 3,222,358, 12–7–65, Cl. 260—209.
Touhey, Leo F. Trailer vehicle for housing a motor vehicle. 3,186,734, 6–1–65, Cl. 280—460.
Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Photoelectric machine tool control. 3,167,-656, 1–26–65, Cl. 250—202.
Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Blast furnace fuel injection process. 3,179,-513, 4–20–65, Cl. 75—42.
Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Catalyzed metal fuel containing a peroxide. 3,193,420, 7–6–65, Cl. 149—8.
Toulmin, Harry A., Jr., to Basic Research Corp. Method and apparatus of recording and displaying data. 3,195,255, 7–20–65, Cl. 40—124.1.
Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Direct conversion of atomic energy into electricity. 3,196,047, 7–20–65, Cl. 136—4.
Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio. Method for the polymerization of olefins by ultrasonic vibrations. 3,196,096, 7–20–65, Cl. 204—154.
Toulon, Pierre M. G., to W. D. Hall, E. I. Pollock, and G. V. Sande. Photographic disc reproduction of television signals. 3,198,880, 8–3–65, Cl. 178—6.7.
Toure, Kleber : *See*—
Sercy, Michel A., and Toure. 3,217,655.
Toureille, Daniel C., to Societe Rhodiaceta. Process for dyeing polypropylene blends. 3,199,940, 8–10–65, Cl. 8—21.
Tourneau-Westinghouse Co., Le : *See*—
Smith, Hoyt W. 3,224,484.
Tourniaire, Claude : *See*—
Collardeau, Georges, and Tourniaire. 3,207,645.
Tourtellot, John A., to Radio Corp. of America. Stereophonic phonograph system. 3,225,146, 12–21–65, Cl. 179—100.4.
Tourtellotte, Frederick, to United States Rubber Co. Decoding magnetic information from the bead wires of a tire. 3,179,929, 4–20–65, Cl. 340—174.1.
Tourtellotte, Frederick, to Sperry Rand Corp. Power transmission. 3,205,782, 9–14–65, Cl. 91—3.
Tourtellotte, Mills C. Conveyor storing and separating device. 3,182,785, 5–11–65, Cl. 198—127.
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Towle, Jack L., D. G. Block, and R. E. Bailey, to The Harshaw Chemical Co. Certain 2-(hydroxyalkynyl)-substituted saccharins. 3,215,700, 11–2–65, Cl. 260—301.
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Brandt, Harry, Treadway, and Parker. 3,176,767.
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Treaftis, Harry N., C. E. Watts, Jr., and R. A. Meyer, to General Electric Co. Superconductive materials. 3,165,403, 1–12–65, Cl. 75—169.
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Treplin, Friedrich W., to Ludwig Taprogge-Reinigungsanlagen fur Rohren-Warmeaustauscher. Cleaning installations for heat-exchangers. 3,215,195, 11–2–65, Cl. 165—95.
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Troeger, Henry, to The Bendix Corp. Flexural pivot. 3,181,918, 5–4–65, Cl. 308—2.
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Trombley, Gerald P. Snow vehicle having demountable crawler treads. 3,183,987, 5–18–65, Cl. 180—6.24.
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Tronnier, Ernst, and F. Ueberhagen, to Voigtlander A.G. Compact tele-objective suitable as replacement objective with central shutters. 3,215,037, 11–2–65, Cl. 88—57.
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Trosken, Kurt, and W. Jonschel. Roller-type enlarging or reaming bit. 3,170,524, 2–23–65, Cl. 175—53.
Trost, Allen J., and E. K. Kletz, to Ampex Corp. Signal reproducing system with phase cancellation of undesired signal component. 3,204,047, 8–31–65, Cl. 179—100.2.
Trotman, Clarence O. and P. P. Carrying case for a nurse's cap. 3,168,191, 2–2–65, Cl. 206—8.
Trotman, Harold C.: *See*—
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Trott, Timothy, to Aeroflex Laboratories Inc. Electro-optical film-scanning system. 3,210,462, 10–5–65, Cl. 178—6.
Trott, Timothy, to Aeroflex Laboratories Inc. High resolution optical film-scanning apparatus. 3,210,468, 10–5–65, Cl. 178—7.6.
Trott, Winfield J., and W. E. Radford, to United States of America, Navy. Piezoelectric assembly. 3,179,826, 4–20–65, Cl. 310—8.2.
Trotta, Anthony J., and D. A. Sudrabin, to Bethlehem Steel Corp. Roller plate grab. 3,197,250, 7–27–65, Cl. 294—102.
Trotter, George H.; ½ to D. M. Brown, T. W. O'Hearn, and D. M. Brown, Jr. Rotary internal combustion engine. 3,220,388, 11–30–65, Cl. 123—15.
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Trotter, Walter, and P. P. Parris, to Camloc Fastener Corp. Landing area mat handling tool. 3,207,547, 9–21–65, Cl. 294—16.
Trotto, William A.: *See*—
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Trotz, Samuel I., to Olin Mathieson Chemical Corp. Process for copolymerizing tetrahydrofuran with an epoxide monomer. 3,194,772, 7–13–65, Cl. 260—2.
Trotz, Samuel I., to Olin Mathieson Chemical Corp. Production of polymers from cyclic ethers with $B_{10}H_{10}[C(COCl)]_2$ as catalyst. 3,219,595, 11–23–65, Cl. 260—2.
Troup, John G., and T. L. Joyce. Transmission polarizer. 3,168,985, 2–9–65, Cl. 240—9.5.
Trout, Donald M. Self-locking automatically-releasing sash balance for removable sash windows. 3,197,819, 8–3–65, Cl. 20—52.2.
Trout, Horace Q., and A. W. Yodis, to Allied Chemical Corp. Manufacture of metal fluorides. 3,185,543, 5–25–65, Cl. 23—88.
Trout, Perry R., Jr., and E. W. Jensen, to Eastman Kodak Co. Automatic web threading arrangement. 3,178,124, 4–13–65, Cl. 242—56.
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Eggenberger, Markus A., and Troutman. 3,198,954.
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Trowbridge, Stanley C. and E. D. 3,217,815.
Trowbridge, John. Automatic headlight adjusting mechanism. 3,177,355, 4–6–65, Cl. 240—7.1.
Trowbridge, Stanley C., deceased, by E. D. Trowbridge, administratrix. Longitudinal boring machine. 3,217,815, 11–16–65, Cl. 173—24.
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Hofmann, Albert, and Troxler. 3,211,745.
Hofmann, Albert, and Troxler. 3,218,324.
Troy, Leonard. Internally expanding vehicle brake shoe construction with exterior actuators. Re. 25,888, 10–26–65, Cl. 188—78.
Troyano, Fernando de T. Joint structure for connecting related parts. 3,188,693, 6–15–65, Cl. 20—.5.
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Truck Equipment Co., Inc.: *See*—
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Boeck, Ellsworth R., and Walter. 3,207,550.
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Cala, Philip L. 3,218,448.
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Trudeau, Edgar G., to General Motors Corp. Door latch actuator. 3,201,165, 8–17–65, Cl. 292—336.3.
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Bates, William C., and True. 3,219,754.
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Trueb, Robert E., and A. M. Walkow, to Texas Instruments Inc. Container closure device. 3,211,827, 10–12–65, Cl. 174—52.
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Struck, Charles R. 3,218,866.
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Truesdell, Robert E. Finishing beading or molding. 3,172,800. 3–9–65, Cl. 161—100.
Trueson, Joseph. Christmas outside light holder. 3,189,310. 6–15–65, Cl. 248—314.
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Clark, Joseph C. 3,223,347.
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Trumbull, Donald E., and C. B. Penn, to Pyles Industries, Inc. Cartridge type plural component mixing and dispensing device. 3,188,056, 6–8–65, Cl. 259—37.
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Trumbull, Donald E., and C. L. Schultz, to Pyles Industries, Inc. Quantum metering, mixing and dispensing apparatus. 3,212,676, 10–19–65, Cl. 222—71.
Trumbull, Earl F., to R. F. W. Herzberger. Clip strap. 3,194,524, 7–13–65, Cl. 248—74.
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Trumpolt, Lewis E. and F. J. Separate adjustable leg for a ladder. 3,167,153, 1–26–65, Cl. 182—204.
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Trupp, Ronald D., to United States of America, Army. Damping means. 3,176,800, 4–6–65, Cl. 188—93.
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Trusock, George J., and K. C. Johnson, to Clark Equipment Co. Hand lift truck. 3,183,989, 5–18–65, Cl. 180—13.
Trussell, Paul C., T. A. Lambe, and J. Vitins, to British Columbia Research Council. Apparatus for detecting internal damage in wood. 3,190,111, 6–22–65, Cl. 73—67.5.
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Trythall, William J. C. Material handling systems. 3,195,960, 7–20–65, Cl. 302—53.
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Tschesche, Rudolf, H. Machleidt, and V. Hartmann, to Olin Mathieson Chemical Corp. α-Fluoro-α,β-unsaturated carboxylic acids and their esters. 3,193,565, 7–6–65, Cl. 260—408.
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Tschudin, Oswald, to Institut Dr. Ing. Reinhard Straumann A.G. Electric reciprocating drive with motion conversion. 3,204,133, 8–31–65, Cl. 310—22.
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Tsou, Kwan C., to The Borden Co. Process for making polyvinyl alcohol and dimethylacetamide. 3,197,450, 7–27–65, Cl. 260—91.3.
Tsou, Kwan C., A. Lyem, and B. D. Halpern, to The Borden Co. Nitropolystyrene. 3,197,511, 7–27–65, Cl. 260—644.
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Tsu, Ignatius, and R. G. Stevens, to International Business Machines Corp. Electroless Plating Process. 3,212,918, 10–19–65, Cl. 117—54.
Tsuchiya, Hidetoshi, to Kabushiki Kaisha Toko Radio Coil Kenkyusho. Electro-mechanical filters. 3,189,852, 6–15–65, Cl. 333—72.
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Tsuchiya, Shoji, to Nippon Telegraph & Telephone Public Corp. Impedance plotter for coaxial Smith chart. 3,218,549, 11–16–65, Cl. 324—58.
Tsuchiya, Yoshio, T. Takenishi, T. Kato, H. Mori, M. Yoshikawa, and T. Ichikawa, to Ajinomoto Co., Inc. Method of preparing 5′-ribonucleotides. 3,201,388, 8–17–65, Cl. 260—211.5.

Tsuchiya, Yoshio, I. Hayashi, T. Kato, M. Yoshikawa, H. Mori, and S. Miyasaka, to Ajinomoto Co., Inc. Process for preparing sodium salts of ribonucleotides. 3,215,687, 11–2–65, Cl. 260—211.5.
Tsuda, Masao. Automatic control mechanism for ram type turret lathe. 3,221,579, 12–7–65, Cl. 82—21.
Tsuda, Yutaka, to Yawata Iron & Steel Co., Ltd. Method of manufacturing pressed concrete. 3,202,737, 8–24–65, Cl. 264—71.
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Tsunoda, Yoshio, T. Taneda, K. Akamatsu, and K. Matsui, to Asahi Kasei Kogyo Kabushiki Kaisha. Process for dyeing polyolefin articles. 3,184,281, 5–18–65, Cl. 8—4.
Tsunoda, Yoshio, M. Seko, R. Ehara, S. Ogawa, and Y. Yamakoshi, to Asahi Kasei Kogyo Kabushiki Kaisha. Method for heating liquid by means of steam. 3,186,476, 6–1–65, Cl. 165—1.
Tsunoda, Yoshio, M. Seko, M. Kato, T. Misumi, M. Mituishi, and Y. Toyoda, to Ashi Kasei Kogyo Kabushiki Kaisha. Electrodialyzer. 3,201,339, 8–17–65, Cl. 204—301.
Tsunoda, Yoshio, Y. Kobayashi, I. Aishima, Y. Takashi, and S. Fujimoto, to Asahi Kasei Kogyo, Kabushiki, Kaisha. Method for producing polypropylene in the presence of titanium trichloride, an aluminum trialkyl and an antimony trihalide. 3,207,734, 9–21–65, Cl. 260—93.7.
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Sawa, Yoshiro, Maeda, and Tsuzi. 3,166,560.
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Tu, Shu-Tung, to United Shoe Machinery Corp. Leather-like material and method of making the same. 3,223,551, 12–14–65, Cl. 117—140.
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Tubbs, Howard A. Well system and method of priming. 3,168,867, 2–9–65, Cl. 103—6.
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Tuccio, Raymond, ½ to L. Miller. Lunch box. 3,219,179, 11–23–65, Cl. 206—4.
Tuck, Robert M., J. J. Mooney, Jr., and M. E. Fisher, to General Motors Corp. Transmission. 3,205,991, 9–14–65, Cl. 192—85.
Tuck, Winfree P., and N. L. Wiseman, to General Dynamics Corp. Data bit transmission system with means to adjust line equalizer in response to display on monitoring oscilloscope. 3,213,196, 10–19–65, Cl. 178—69.
Tucker, Archie J.: *See*—
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Tucker, Augustine J. Apparatus for gas-jet propelling and heating granular material. 3,200,512, 8–17–65, Cl. 34—57.
Tucker, Benjamin W., Jr., to Otis Elevator Co. Closure operating mechanism. 3,223,403, 12–14–65, Cl. 268—53.
Tucker, Carl L., to Rockmont Envelope Co. Paper and coin container. 3,186,629, 6–1–65, Cl. 229—72.
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Tucker, Claude H., Jr., to General Electric Co. Data processing system. 3,219,976, 11–23–65, Cl. 340—172.5.
Tucker, Council A., and J. L. Perrin, to Towlsaver, Inc. Dual toilet tissue dispenser. 3,184,176, 5–18–65, Cl. 242—55.3.
Tucker, Emmitt M., Sr., to Tucker & Sons. Pontoon unit for endless tracks. 3,172,707, 3–9–65, Cl. 305—18.
Tucker, Emmitt M., Sr., deceased; R. Tucker, executrix. Building structure with air circulation means. 3,223,018, 12–14–65, Cl. 98—31.
Tucker, Harvey J.: *See*—
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Tucker, Linwood G., to Koppers Co., Inc. Combined coke oven door jamb cleaning apparatus and pusher. 3,199,-135, 8–10–65, Cl. 15—93.
Tucker, Mana L., to Chicago Pneumatic Tool Co. Diamond drilling apparatus. 3,212,591, 10–19–65, Cl. 173—149.
Tucker, Martin C. Pipe welding tool carriage. 3,176,897, 4–6–65, Cl. 228—29.
Tucker, Maurice J., and V. K. Williams, to The British Petroleum Co. Ltd. Platforms. 3,213,964, 10–26–65, Cl. 182—119.
Tucker, Morton. Track retaining means for slidable screen panels. 3,167,112, 1–26–65, Cl. 160—363.
Tucker, Morton. Locking and latching means for sliding panel doors. 3,177,687, 4–13–65, Cl. 70—97.
Tucker, Morton. Latch device for sliding door structure. 3,213,652, 10–26–65, Cl. 70—97.
Tucker, Nathaniel B., M. D. Francis, and W. J. Griebstein, to The Procter & Gamble Co. Oral compositions for caries prophylaxis. 3,175,951, 3–30–65, Cl. 167—93.
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Tucker & Sons: *See*—
Tucker, Emmitt M., Sr. 3,172,707.
Tucker, Stuart G., to International Business Machines Corp. High order mark system. 3,219,982, 11–23–65, Cl. 340—172.5.
Tucker, Vallen P., and W. S. Yowell, to The American Agricultural Chemical Co. Prilled mixed fertilizers. 3,207,-595, 9–21–65, Cl. 71—51.
Tucker, Vincent W., W. F. Gayring, R. G. Kaelber, and A. Kagi, to Ametek, Inc. Pressing machine. 3,197,897, 8–3–65, Cl. 38—41.
Tucker, William R., to Barnes Engineering Co. Infrared thermographic apparatus wherein the scanning system comprises two mirrors rotatable about orthogonal axes. 3,209,-149, 9–28–65, Cl. 250—65.
Tuckey, Charles H.: *See*—
Arndt, Donald N., and C. H. and J. D. Tuckey. 3,179,054.
Tuckey, J. D.: *See*—
Arndt, Donald N., and C. H. and J. D. Tuckey. 3,179,054.
Tuczek, Franz, to Boge G.m.b.H. Vibration damping shock absorbers. 3,164,381, 1–5–65, Cl. 267—64.
Tuczek, Franz, to Boge G.m.b.H. Sealing arrangement for piston of suspension unit for motor vehicles. 3,222,047, 12–7–65, Cl. 267—64.
Tuczek, Franz, to Boge G.m.b.H. Hydropneumatic suspension unit. 3,222,049, 12–7–65, Cl. 267—64.
Tudbury, Chester A.: *See*—
Peschel, William F., and Tudbury. 3,185,810.
Tudge, Allan P.: *See*—
Johnson, Carl E., Jr., and Tudge. 3,204,694.
Tudge, Joseph, to Associated Electrical Industries Ltd. Flexible hose. 3,172,428, 3–9–65, Cl. 138—172.
Tudge, Joseph, to Associated Electrical Industries Ltd. Dynamo-electric machines. 3,214,617, 10–26–65, Cl. 310—54.
Tudor, Aktiebolaget: *See*—
Sundberg, Erik G. 3,206,335.
Tuemmler, William B.: *See*—
Diamond, Louis H., Tuemmler, and Getz. 3,164,535.
Tuetey, Paul, and A. Simon-Vermot. Method for manufacturing spiral springs, particularly for watchmaking. 3,187,-416, 6–8–65, Cl. 29—173.
Tuft, Miles H., to Ford Motor Co. Brake actuator assembly. 3,171,285, 3–2–65, Cl. 74—18.2.

Tuft, Miles H., to Ford Motor Co. Mower. 3,180,073, 4–27–65, Cl. 56—296.
Tuft, Miles H., and C. J. Bays, to Ford Motor Co. Overload release for mowers. 3,198,550, 8–3–65, Cl. 280—449.
Tufts, Edgar: *See*—
Leibu, Henry J., and Tufts. 3,210,300.
Tufts, Lewis E., to Hooker Chemical Corp. Manufacture of ammonium perchlorate. 3,218,121, 11–16–65, Cl. 23—85.
Tuggle, Lloyd H., to Outboard Marine Corp. Chaff-proof flywheel. 3,183,899, 5–18–65, Cl. 123—41.65.
Tugle Anchor Hinge Corp.: *See*—
Tugle, Lee H. 3,172,167.
Tugle, Lee H., to Tugle Anchor Hinge Corp. Door hinges. 3,172,167, 3–9–65, Cl. 20—16.
Tugle, Lee H. Thrust and pull type lock assembly. 3,172,281, 3–9–65. Cl. 70—146.
Tulagin, Vsevolod, R. F. Coles, and R. A. Miller, to Minnesota Mining and Mfg. Co. Photoconductography employing organic onium cation. 3,172,826, 3–9–65, Cl. 204—18.
Tulagin, Vsevolod, R. F. Coles, and R. A. Miller, to Minnesota Mining and Mfg. Co. Permanent reproductions. 3,172,827, 3–9–65, Cl. 204—18.
Tulareloft, Inc.: *See*—
Preston, Walter G. 3,224,258.
Tull, Robert H., to Westinghouse Electric Corp. Air conditioning apparatus. 3,213,936, 10–26–65, Cl. 165—122.
Tull, Roger J.: *See*—
Tristram, Edward W., and Tull. 3,205,264.
Tullen, Paul: *See*—
Naves, Yves R., and Tullen. 3,166,575.
Tuller, Elry D., to Burroughs Corp. Tool for removing retaining rings and the like. 3,173,197, 3–16–65, Cl. 29—229.
Tullis, Lyell C., to Gilman Engineering & Mfg. Co., Inc. Automatic assembly machine. 3,192,873, 7–6–65, Cl. 104—162.
Tulloch, Alexander P.: *See*—
Spencer, John F. T., Tulloch, and Gorin. 3,205,150.
Tullock, Charles W.: *See*—
Ellingboe, Ellsworth K., Fawcett, and Tullock. 3,213,-062.
Tully, Alfred H.: *See*—
Love, Herbert W., and Tully. 3,164,147.
Tully, Geoffrey R., Jr., B. F. Disselhorst, and D. E. Davis, to United States of America, Atomic Energy Commission. Carbon body treatment. 3,167,447, 1–26–65, Cl. 117—46.
Tully, Paul R., to General Electric Co. Process for extruding polytetrafluoroethylene-silicone rubber composition. 3,207,825, 9–21–65, Cl. 264—127.
Tulo, Herbert: *See*—
Ruemens, Wilhelm, Goetz, Zeudker, and Tulo. 3,220,869.
Tulp, Theodorus J.: *See*—
Bongenaar, Willem, van Overbeek, and Tulp. 3,201,594.
Tulp, Theodorus J., A. J. W. M. van Overbeek, and W. A. J. M. Zwijsen, to North American Philips Co., Inc. Transistor amplifier devices with controllable amplification. 3,177,439, 4–6–65, Cl. 330—18.
Tuma, Alex, to Messrs-AB Tetra, Lund. Method for reducing sliding friction. 3,195,428, 7–20–65, Cl. 93—94.
Tuma, Rudolf, to Chemische Werke Witten G.m.b.H. Process for the preparation of tropic-stable suppository masses and the product thereof. 3,220,924, 11–30–65, Cl. 167—64.
Tumansky, Sergei K.: *See*—
Dubinsky, Moisei G., and Tumansky. 3,213,640.
Tumavicus, Julius W., to United Aircraft Corp. Rocket thrust vectoring device. 3,205,657, 9–14–65, Cl. 60—35.55.
Tumavicus, Julius W., and K. W. Sawyer, to United Aircraft Corp. Regenerative heat exchanger. 3,177,928, 4–13–65, Cl. 165—7.
Tumbusch, Edward H., to Techno-Components Corp. Potentiometer. 3,195,092, 7–13–65, Cl. 338—148.
Tumelson, Eugene E., deceased, E. Tumelson, administratrix. Batting practice and training device. 3,166,317, 1–19–65, Cl. 273—26.
Tumelson, Evelyn: *See*—
Tumelson, Eugene E. 3,166,317.
Tumerman, Leon, and J. H. Guth, to National Dairy Products Corp. Concentrated milk product. 3,210,201, 10–5–65, Cl. 99—192.
Tumey, Lawrence F., and T. R. Gilmet, to FMC Corp. Concrete form structure and sealing means therefor. 3,193,-242, 7–6–65, Cl. 249—188.
Tummers, Leonard J., to North American Philips Co., Inc. Transistor for switching operations. 3,217,214, 11–9–65, Cl. 317—235.
Tung, Ching C.: *See*—
D'Amico, John J., and Tung. 3,225,040.
D'Amico, John J., and Tung. 3,225,049.
Tung-Sol Electric Inc.: *See*—
Almassy, William B. 3,174,015.
Atkins, Carl E. 3,200,305.
Atkins, Carl E., and Slaats. 3,196,275.
Atkins, Carl E., and Ziolkowski. 3,171,066.
Atkins, Carl E., and Ziolkowski. 3,199,033.
Atkins, Carl E., and Ziolkowski. 3,200,304.
Atkins, Carl E., and Ziolkowski. 3,200,306.
Cake, Arthur F. 3,174,057.
Cake, Arthur F. 3,174,115.
Demas, Nickolas P. 3,189,395.
Grimm, John F., Scala, and Shamos. 3,205,389.
Helmstetter, Norman E., and Scala. 3,189,706.
Johnson, Harold D. 3,196,363.
Tung-Sol Electric Inc.: *See*—Continued
Kratochvil, Harry. 3,204,146.
Kratochvil, Harry. 3,225,343.
Kuykendall, James H. 3,180,999.
Maluda, Stephen. 3,202,935.
Power, Roy B. 3,213,208.
Quinn, Halsey P. 3,187,222.
Quinn, Halsey P. 3,196,313.
Quinn, Halsey P. 3,218,512.
Silberg, Hemming G. 3,174,012.
Silberg, Hemming G. 3,174,013.
Silberg, Hemming G. 3,218,411.
Skellett, Albert M. 3,168,086.
Skellett, Albert M. 3,204,238.
Tunkel, Norman: *See*—
Catto, Vincent P., and Tunkel. 3,184,474.
Tunnell, Frank G.: *See*—
Dorrell, George W., and Tunnell. 3,168,295.
Tunnell, Samuel R. Fly swatter handles. 3,203,135, 8–31–65, Cl. 43—137.
Tuomey, John. Strip film phonograph-projector. 3,207,032, 9–21–65, Cl. 88—28.
Tupelo Spindle Co., Inc.: *See*—
Gray, James H. 3,164,940.
Gray, James H. 3,225,528.
Tupper Corp.: *See*—
Tupper, Earl S. 3,194,461.
Tupper, Earl S., to Rexall Drug and Chemical Co. Pitcher and cover. 3,180,541, 4–27–65, Cl. 222—545.
Tupper, Earl S., to Rexall Drug and Chemical Co. Pitcher and cover. 3,181,746, 5–4–65, Cl. 222—545.
Tupper, Earl S., to Rexall Drug and Chemical Co. Pitcher and cover. 3,189,540, 4–27–65, Cl. 222—545.
Tupper, Earl S., to Rexall Drug and Chemical Co. Container reinforcing harness and handle. 3,194,460, 7–13–65, Cl. 224—45.
Tupper, Earl S., to Rexall Drug and Chemical Co. Container reinforcing harness and handle. 3,194,461, 7–13–65, Cl. 224—45.
Tupper, Earl S., to Rexall Drug and Chemical Co. Container reinforcing harness and handle. 3,194,462, 7–13–65, Cl. 224—45.
Tupper, Earl S., to Rexall Drug Co. Container reinforcing harness and handle. 3,220,626, 11–30–65, Cl. 224—55.
Tupper, Myron D., to General Electric Co. Method for mounting bearings in a dynamoelectric machine. 3,166,-828, 1–26–65, Cl. 29—149.5.
Tupper, Myron D., to General Electric Co. Apparatus for mounting bearings in a dynamoelectric machine. 3,166,-959, 1–26–65, Cl. 78—1.
Tupper, Myron D., to General Electric Co. Sleeve bearing mounting arrangement in an electric motor. 3,167,672, 1–26–65, Cl. 310—90.
Turak, John L.: *See*—
Budd, Travis G., Turak, Johannesen, and McCandlish. 3,200,908.
Turato, Luigi, to Officine di Cartigliano S.p.A. Industria Metalmeccanica. Apparatus for the vacuum-drying of leather. 3,224,109, 12–21–65, Cl. 34—92.
Turbak, Albin F., to Esso Research and Engineering Co. Method of sulfating alcohols. 3,168,547, 2–2–65, Cl. 260—459.
Turbak, Albin F., to Jersey Production Research Co. Secondary recovery utilizing a water flooding technique. 3,180,410, 4–27–65, Cl. 166—9.
Turbak, Albin F., to Esso Research and Engineering Co. Blending of polypropylene with unmetallized chelating agent to improve dyeability. 3,192,007, 6–29–65, Cl. 8—55.
Turbak, Albin F., to Esso Research and Engineering Co. Nitro substituted thiazole azo phenol compounds. 3,222,-353, 12–7–65, Cl. 260—158.
Turbak, Albin F., A. Noshay, and G. Karoly, to Esso Research and Engineering Co. Sulfonation of an olefin polymer. 3,205,285, 9–7–65, Cl. 260—897.
Turbak, Albin F., and A. Noshay, to Esso Research and Engineering Co. Sulfoesterification of aromatics. 3,206,-492, 9–14–65, Cl. 260—456.
Turbo Machine Co.: *See*—
Carruthers, George A. 3,177,931.
Carruthers, George A. 3,178,794.
Carruthers, George A. 3,192,697.
Wyatt, William K. 3,181,318.
Turbyville, Frank H., Jr., C. Floyd, M. N. Pfeiffer, and C. Verbeek, to Union Tank Car Co. Method and apparatus for welding. 3,197,604, 7–27–65, Cl. 219—73.
Turchi, Alfredo: *See*—
Moretti, Giorgio, and Turchi. 3,196,187.
Turchi, Anthony J. B.: *See*—
Lieb, Nathaniel H., and Turchi. 3,199,196.
Turck, Karl H. W.: *See*—
Armstrong, Godfrey P., Hall, Quin, and Turck. 3,187,055.
Turczyn, Alexander, to Sperry Rand Corp. Dual function core logic. 3,202,830, 8–24–65, Cl. 307—88.
Turek, Clarence W.: *See*—
Willyard, Charles H., Cooper, and Turek. 3,175,193.
Turek, Robert F., to United Aircraft Corp. Artificial atmosphere system. 3,215,057, 11–2–65, Cl. 98—1.5.
Turgeon, Joseph A., to I-T-E Circuit Breaker (Canada) Ltd. Stationary truss bus with stationary jaw contact for vertical reach high tension disconnecting switch. 3,192,333, 6–29–65, Cl. 200—48.

Turgeon, Joseph A., to I-T-E Circuit Breaker Co. Sealed hinge for electrical switch. 3,200,229, 8–10–65, Cl. 200—170.
Turgeon, Joseph A., to I-T-E Circuit Breaker (Canada) Ltd. Rolled groove for isolated phase bus housing gasket. 3,206,233, 9–14–65, Cl. 285—233.
Turinsky, Isidore: *See*—
Dubin, Melvin, Gordon, Ronn, and Turinsky. 3,175,540.
Turinsky, Isidore. Test fixture. 3,176,256, 3–30–65, Cl. 339—31.
Turk, Chester F.: *See*—
Pribyl, Edward J., and Turk. 3,185,691.
Pribyl, Edward J., and Turk. 3,205,230.
Turk, James R., to V. K. Smith. Self-aligning sleeve bearing assembly for dynamoelectric machines and the like. 3,188,-153, 6–8–65, Cl. 308—36.4.
Turk, James R., to Vincent K. Smith. Hydrodynamic bearings for a motor. 3,196,301, 7–20–65, Cl. 310—90.
Turk, Stanley D.: *See*—
Mahan, John E., Turk, and Williams. 3,168,524.
Turk, Stanley D., and R. L. Cobb, to Phillips Petroleum Co. Esters and acids useful as additives and method of preparation. 3,215,727, 11–2–65, Cl. 260—473.
Turk, Victor J.: *See*—
Conley, Charles C., Turk, and Pochapsky. 3,220,897.
Turl, Alan: *See*—
Stiles, John C., and Turl. 3,209,600.
Turley, Alfred: *See*—
Hulme, John H., Hemmings, and Turley. 3,182,689.
Turley, Alfred, to Vono Ltd. Spring unit lacing machines. 3,224,470, 12–21–65, Cl. 140—92.3.
Turley, Gerald O. Fishing tool with magnet and fluid ports. 3,203,491, 8–31–65, Cl. 175—235.
Turley, James F., and D. B. Winchester, to The Singer Co. Variable speed portable tool. 3,225,232, 12–21–65, Cl. 310—69.
Turlington, William M. Merchandise cart. 3,186,728, 6–1–65, Cl. 280—33.99.
Turlington, William M. Merchandise cart having ground engageable anti-theft means. 3,201,139, 8–17–65, Cl. 280—33.99.
Turn, Rein: *See*—
Rutland, David F., Ambrosio, and Turn. 3,166,636.
Turnage, Howard C., and B. Vossen, to Melpar, Inc. Coaxial filter. 3,185,944, 5–25–65, Cl. 333—73.
Turnage, Richard W.: *See*—
Whaley, Baynard R., Dunlap, and Turnage. 3,202,334.
Turnbull, Donald M., W. A. Bertolini, and G. W. Carr, to Trailmobile Inc. Platform trailer. 3,185,519, 5–25–65, Cl. 296—28.
Turnbull, Donald M., and W. A. Bertolini, to Pullman Inc. Wall construction for refrigerated vehicles. 3,206,902, 9–21–65, Cl. 52—585.
Turnbull Elevator Ltd.: *See*—
Gordon, Donald J. 3,198,276.
Turnbull, John R.: *See*—
Walsh, James L., Turnbull, and Buelow. 3,218,466.
Turner, Abner B., to Westinghouse Electric Corp. Thermistor device. 3,214,719, 10–26–65, Cl. 338—22.
Turner, Almerin W.: *See*—
Hurst, Thomas L., Turner, and Gaudlitz. 3,197,338.
Turner, Arthur K., to General Cable Corp. Continuous soldering method and apparatus. 3,203,085, 8–31–65, Cl. 29—498.
Turner, Basil A.: *See*—
Lancaster, Kenneth, Pugsley, and Turner. 3,213,443.
Pugsley, Peter C., and Turner. 3,209,221.
Turner, Bernard M. Methods and apparatus for manufacturing interlocked looped fabric. 3,222,888, 12–14–65, Cl. 66—1.
Turner Bros. Asbestos Co. Ltd.: *See*—
Donaldson, William K., and Eddleston. 3,164,951.
Turner, Charles E., to American Electric Mfg. Corp. Lamp holder assembly for luminaires. 3,219,812, 11–23–65, Cl. 240—25.
Turner, Charles F., to Olin Mathieson Chemical Corp. Liquid propellant projectile unit. 3,175,494, 3–30–65, Cl. 102—38.
Turner, Charles F., to Olin Mathieson Chemical Corp. Liquid propellant projectile unit. 3,195,407, 7–20–65, Cl. 89—7.
Turner, Charles L.: *See*—
Cox, Donald G., Edwards, Mausz, and Turner. 3,219,381.
Turner, Charles R., to King-Seeley Thermos Co. Thermal wattage controller. 3,167,643, 1–26–64, Cl. 219—511.
Turner, Charles T., and W. F. Ward, to Flynn & Emrich Co. Fluid operated fountain blade. 3,186,339, 6–1–65, Cl. 101—365.
Turner, Charles W., Jr., to Frontier Sixty Corp. Crushers. 3,199,798, 8–10–65, Cl. 241—242.
Turner Corp.: *See*—
Kus, Matthew L. 3,189,014.
Suchowolec, Walter T. 3,200,809.
Turner, Cyrus S. Safety shoe having an instep and metatarsal protector. 3,178,836, 4–20–65, Cl. 36—72.
Turner, David V. Enclosure. 3,183,527, 5–18–65, Cl. 5—98.
Turner, David W., to Perkin-Elmer Ltd. Spin decoupling magnetic resonance apparatus and method. 3,215,930, 11–2–65, Cl. 324—.5.
Turner, Delber W.: *See*—
Stenzel, Richard W., and Turner. 3,205,160.
Turner, Delber W., to Petrolite Corp. Electric oil dispersion treater. 3,205,161, 9–7–65, Cl. 204—302.
Turner, Derick W. H.: *See*—
Alsberg, Frederick R., and Turner. 3,171,711.
Turner, Donald C. Bellows construction. 3,191,513, 6–29–65, Cl. 95—39.
Turner, Donald W.: *See*—
Ranby, Peter W., Turner, and Hobbs. 3,215,847.
Turner, Douglas A. Strip processor. 3,192,753, 7–6–65, Cl. 72—128.
Turner, Edgar P., to The Singer Co. Power transmitter. 3,189,146, 6–15–65, Cl. 192—18.
Turner, Eugene L., to Bausch & Lomb Inc. Transparency mount. 3,184,873, 5–25–65, Cl. 40—158.
Turner, Finis, to Magnet Cove Barium Corp. Beneficiated clay composition for use in drilling fluids. 3,220,946, 11–30–65, Cl. 252—8.5.
Turner, Frank D., to Victrylite Candle Co. Candle. 3,208,-245, 9–28–65, Cl. 67—22.
Turner, Frank E., to Blaw-Knox Co. Apparatus for continuous coating of elongated articles. 3,196,828, 7–27–65, Cl. 118—63.
Turner, Frank J.: *See*—
Fox, Alfred E., Schwartz, and Turner. 3,172,815.
Turner, Frank T.: *See*—
Buckingham, William D., Turner, and Hildreth. 3,170,-138.
Turner, Frederick J. L., to Creed & Co. Ltd. Serial number printing apparatus. 3,173,359, 3–16–65, Cl. 101—79.
Turner, Frederick J. L., and R. G. Moore, to Creed & Co. Ltd. Tape storage devices. 3,187,165, 6–1–65, Cl. 235—61.11.
Turner, George E.: *See*—
Jorgensen, Michael V., Albertson, Michaels, and Turner. 3,210,584.
Turner, George W.: *See*—
Arnold, Julian R., and Turner. 3,190,054.
Turner, Greg F.: *See*—
Bale, Alton G., Jr., and Turner. 3,217,927.
Gerg, Robert A., and Turner. 3,219,887.
Turner, Herbert, Jr. Rock crushing machines. 3,166,258, 1–19–65, Cl. 241—218.
Turner, Horace G., to The Plessey Co. Ltd. Fuel delivery control systems, more particularly for turbojet engines. 3,177,921, 4–13–65, Cl. 158—36.4.
Turner, Howard M., to Continental Can Co., Inc. Device for indexing cylindrical plastic bottles for offset printing. 3,166,176, 1–19–65, Cl. 198—33.
Turner, Howard M., to Continental Can Co., Inc. Combination plastic container with metal closure. 3,206,060, 9–14–65, Cl. 220—67.
Turner, James J. Water jet propulsion. 3,163,980, 1–5–65, Cl. 60—35.5.
Turner, James J. Hydrofoil control system. 3,221,698, 12–7–65, Cl. 114—66.5.
Turner, Jefferson B.: *See*—
Lucchesi, Armand P., and Turner. 3,202,918.
Turner, John A.: *See*—
Hoffman, George R., and Turner. 3,175,200.
Turner, John R., and R. J. Wilson, to Eastman Kodak Co. Processing device and method. 3,177,790, 4–13–65, Cl. 95—89.
Turner, Jonathan, to Turner Mfg. Co. Decorative device. 3,212,952, 10–19–65, Cl. 161—5.
Turner, Joseph F., deceased (L. E. Turner, administratrix). Dental articulator. 3,224,095, 12–21–65, Cl. 32—32.
Turner, Kenneth L.: *See*—
Morris, Horton H., and Turner. 3,206,127.
Turner, Lance H. Garbage can hand truck. 3,191,960, 6–29–65, Cl. 280—47.19.
Turner, Lawrence A., to Fluid Dynamics (Proprietary) Ltd. Method and apparatus for the automatic regulation of obturating devices. 3,221,504, 12–7–65, Cl. 61—22.
Turner, Loyce A., to Lockheed Aircraft Corp. Frequency meter comprising a logarithmic multivibrator, integrator and meter. 3,164,770, 1–5–65, Cl. 324—78.
Turner, Luella E.: *See*—
Turner, Joseph F. 3,224,095.
Turner, Lyman H.: *See*—
Huber, Charles L., Hitchcock, Niemi, Hoyt, and Turner. 3,185,050.
Turner, Marvin E.: *See*—
Hammer, James W., and Turner. 3,205,745.
Turner Mfg. Co.: *See*—
Turner, Jonathan. 3,212,952.
Turner, Norman C., to Radio Corp. of America. Enclosure for semiconductor devices. 3,199,003, 8–3–65, Cl. 317—235.
Turner, Percy P., Jr., to United States of America, Atomic Energy Commission. High strength beryllia articles. 3,165,417, 1–12–65, Cl. 106—43.
Turner, Prescott K., to General Electric Co. Electrical connection. 3,182,282, 5–4–65, Cl. 339—97.
Turner, Prescott K., to General Electric Co. Wiring device with simplified grounding and mounting means. 3,188,-596, 6–8–65, Cl. 339—14.
Turner, Prescott K., to General Electric Co. Terminal device. 3,188,597, 6–8–65, Cl. 339—14.
Turner, Richard F., and E. O. Winkler, to United States of America, Atomic Energy Commission. Ceramic-matrix-type fuel element with graphite fabric affixed to exterior surface. 3,224,944, 12–21–65, Cl. 176—69.
Turner, Richard L. Solar system travel game. 3,223,420, 12–14–65, Cl. 273—134.
Turner, Robert S.: *See*—
Johnson, Richard N., and Turner. 3,188,099.

Turner, Robert V. Aspirating handpiece with controls for vacuum, air, and water. 3,208,145, 9–28–65, Cl. 32—33.
Turner, Rodney F., ½ to Cooper & Turner Ltd. Fastener assembly and pre-load indicating washing therefor. 3,187,-621, 6–8–65, Cl. 85—62.
Turner, Roland J., to United States of America, Navy. Asynchronous pulse generator employing capacity diodes. 3,193,-708, 7–6–65, Cl. 307—88.5.
Turner, Thomas, Jr.: *See*—
Mayer, William J., Lange, and Turner. 3,213,834.
Turner, William, to The Sheffield Trust Drill & Steel Co. Ltd. Rotary cutting tools. 3,163,919, 1–5–65, Cl. 29—105.
Turner, William A.: *See*—
Taylor, James S., and Turner. 3,184,826.
Turney, Robert K.: *See*—
Melbye, David H., and Turney. 3,213,574.
Turnquest, Byron W.: *See*—
Burk, Emmett H., Jr., and Turnquest. 3,211,737.
Turnquest, Byron W., and E. H. Burk, Jr., to Sinclair Research, Inc. Production of isoprene. 3,206,520, 9–14–65, Cl. 260—680.
Turowski, Erwin. Method and apparatus for conveying liquids. 3,190,229, 6–22–65, Cl. 103—148.
Turpen, Donald L.: *See*—
Steverding, Bernard, and Turpen. 3,194,059.
Turpen, Oliver S., Jr., to Dynamech Corp. Track laying vehicle. 3,198,273, 8–3–65, Cl. 180—6.7.
Turpin, Charles H., to The Pillsbury Co. Container. 3,215,-335, 11–2–65, Cl. 229—66.
Turpin, Charles H., to The Pillsbury Co. Bag opener. 3,215,-336, 11–2–65, Cl. 229—66.
Turpin, Eugene W. Wheel supporting and tire dismounting apparatus. 3,168,130, 2–2–65, Cl. 157—1.28.
Turpin, Gilbert: *See*—
Mollard, Paul, and Turpin. 3,198,600.
Turpin, Henderson L., Jr.: *See*—
Oglesby, Nicholas P., Turpin, and Fowlkes. Re. 25,806.
Turra, Umberto, and M. Allione, to FIAT Societa per Azioni. Device for removing vapors from crank case of internal combustion engines. 3,191,586, 6–29–65, Cl. 123—119.
Turrentine, Robert E., Jr. Microfilm selector. 3,164,059, 1–5–65, Cl. 88—28.
Turtle Wax, Inc.: *See*—
Hirsch, Benjamin F. 3,213,849.
Turton, Cecil B., to General Electric Co. Interlock mechanism for an enclosed electric switch. 3,194,907, 7–13–65, Cl. 200—50.
Turvey, Rodney O. K., to Associated Electrical Industries Ltd. Crystal band-elimination filter, having spurious stopband, combined with by-pass network for obviating spurious response. 3,179,906, 4–20–65, Cl. 333—72.
Tuschhoff, John V., to A. E. Staley Mfg. Co. Process employing chelating agents to prepare sludge-free hydroxyalkyl starch ethers. 3,176,007, 3–30–65, Cl. 260—233.3.
Tuseth, Philip H. Disposable toothbrush with self-contained dentrifrice. 3,165,776, 1–19–65, Cl. 15—539.
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Tuthill, Henry G., Jr. Surface cleaning apparatus. 3,189,-930, 6–22–65, Cl. 15—320.
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Tuttle, Milton A. Fireplace with means for mounting it on a wall. 3,174,475, 3–23–65, Cl. 126—120.
Tuttle, Philip B., to Hammond Machinery Builders, Inc. Means for cutting chip breaker grooves. 3,181,283, 5–4–65, Cl. 51—218.
Tuttle, Robert G. Check-out regulator system for stores. 3,182,357, 5–11–65, Cl. 20—1.7.
Tuttle, Robert J., to North American Aviation, Inc. Liquid level probe. 3,218,526, 11–16–65, Cl. 317—246.
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Tuve, Merle A., and R. B. Roberts, to United States of America, Navy. Radio frequency proximity fuze. 3,166,015, 1–19–65, Cl. 102—70.2.
Tuwiner, Sidney B. Desalination by freezing. 3,214,371, 10–26–65, Cl. 210—60.
Tuwiner, Sidney B., to The Lummus Co. Process of purifying aqueous solutions with hydrate formers. 3,217,505, 11–16–65, Cl. 62—58.
Tvergaard, Aage M., A. H. Pack, W. W. Campbell, and E. Leatham, to Harbison-Walker Refractories Co. Shaft kiln. 3,165,304, 1–12–65, Cl. 263—29.
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Twamley, William E., to Brown & Sharpe Mfg. Co. Spindle transmission. 3,192,798, 7–6–65, Cl. 74—722.
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Tweit, Robert C., to G. D. Searle & Co. Substituted [α-nitroalkyl)benzylthio] alkylamines. 3,166,572, 1–19–65, Cl. 260—340.5.
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Twitchett, Harry J., to Imperial Chemical Industries Ltd. Preparation of polyurethanes utilizing a cocatalyst system of a tertiary amine and a lead salt of a thio acid of phosphorous. 3,179,627, 4–20–65, Cl. 260—77.5.
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Tyhurst, James G., to Polystructures, Inc. Apparatus comprising a device for blending and applying resins to a surface with solvent cleaning means. 3,192,941, 7–6–65, Cl. 137—240.
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Tyhurst, James G., to Polystructures, Inc. Method of continuously making fiber reinforced laminated pipe. 3,216,876, 11–9–65, Cl. 156—173.
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Tyler, John M., and T. G. Sofrin, to United Aircraft Corp. Noise abatement method and apparatus. 3,194,487, 7–13–65, Cl. 230—122.
Tyler, Leslie J., to Dow Corning Corp. Organosilicon-epoxy resin compositions. 3,170,962, 2–23–65, Cl. 260—824.
Tyler, Loren E., to Tyler Mfg. Co., Inc. Fertilizer spreader. Re. 25,713, 1–19–65, Cl. 275—8.
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Van Winsen, Friedrich H., and K. Bauer, to Daimler-Benz Aktiengesellschaft. Spring stabilizer arrangement. 3,197,233, 7–27–65, Cl. 280—112.
Van Winsen, Friedrich H., and K. Bauer, to Daimler-Benz Aktiengesellschaft. Load modulated dual brake control system. 3,205,018, 9–7–65, Cl. 303—6.
Van Woert, Kenneth B. Storage battery electrolyte level indicator. 3,218,857, 11–23–65, Cl. 73—306.
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Vanzo, Marcello, and G. E. Colombo, to Pirelli S.p.A. Machine for shearing sheet material. 3,207,019, 9–21–65, Cl. 83—277.
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Van Zyl, Willem J., to Lesbro Engineering Products (Proprietary) Ltd. Valve for bottling gasified liquids. 3,211,192, 10–12–65, Cl. 141—39.
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Fluder, Chester H., Myrent, and Heeney. 3,225,159.
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Vargady, Leslie O., to Bausch & Lomb Inc. Optical read-out system having a rotatable optical deviating element of variable wall thickness. 3,166,626, 1–19–65, Cl. 88—1.
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Varian, Sigurd F., L. Van Linge, executrix of said S. F. Varian, deceased. Fluid current conveying apparatus. 3,170,734, 2–23–65, Cl. 302—14.
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Vaughan, Henry E., to Bell Telephone Laboratories, Inc. Multiplex signaling system. Re. 25,911, 11–23–65, Cl. 179—18.
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Vaughan, William, and J. A. Fitzmaurice, to Baird-Atomic, Inc. Reflecting apparatus for character recognition system. 3,206,607, 9–14–65, Cl. 250—220.
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Vaughn, Everett W., E. L. Webb, and M. E. Hayes, to Westinghouse Electric Corp. Electroluminescent image amplifier. 3,210,551, 10–5–65, Cl. 250—213.
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Vaughn, Rudolph M. Radially expandable two-piece blind fastener. 3,180,203, 4–27–65, Cl. 85—70.
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Vavra, James J., and M. E. Bergy, to The Upjohn Co. Antibiotic canarius and method of production. 3,183,156, 5–11–65, Cl. 167—65.
Vayda, Michael M., Jr., C. B. Darley, W. P. Jensen, and R. T. Talton, Jr., to Atlantic Research Corp. Mixer. 3,226,097, 12–28–65, Cl. 259—41.
Vaz, Eric C., to The Marconi Co. Ltd. Unbalanced line directional couplers and television frequency translating systems utilizing said couplers. 3,221,274, 11–30–65, Cl. 333—10.
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Vecchi, Alberto, G. Melone, G. Maffii, and E. Testa, to Lepetit S.p.A. Tropine esters of α-methyltropic acid. 3,178,436, 4–13–65, Cl. 260—292.
Vecchiarelli, Francis, to Alcan Aluminum Corp. Method of assembling roof panel structure. 3,216,102, 11–9–65, Cl. 29—433.
Vecchiarelli, Nicholas, and F. E. Heise, to United States of America, Air Force. Electronic progression indicator. 3,174,139, 3–16–65, Cl. 340—174.
Vecchio, Martino, to Edison. Process for the production of fluorinated organic compounds. 3,183,276, 5–11–65, Cl. 260—653.4.
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Vesilind, Paul E., to Koppers Co., Inc. Extrusion machine. 3,221,369, 12–7–65, Cl. 18—12.
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Verson Allsteel Press Co.: *See*—
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Verspecht, Renaat J., to Gevaert Photo-Producten N.V. Packaging of film sheets. 3,185,298, 5–25–65, Cl. 206—62.
Verster, Jan L., and S. Wytzes, to North American Philips Co., Inc. Gas-filled radiation detector with controlled density of gas filling. 3,226,550, 12–28–65, Cl. 250—83.6.
Verster, Nico F., and H. L. Hagedoorn, to North American Philips Co., Inc. Pole shoe assembly for a cyclotron electromagnet. 3,225,270, 12–21–65, Cl. 317—158.
Verstraelen, Marie M. A. A. G.: *See*—
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Verstraelen, Marie M. A. A. C., to North American Philips Co., Inc. Crystal oscillator. 3,199,052, 8–3–65, Cl. 331—116.
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Verstraten, Jan, to North American Philips Co., Inc. Device for heating deep-frozen eatables with the aid of microwaves. 3,179,780, 4–20–65, Cl. 219—10.55.
Verstraten, Jan, and F. J. H. Timmermans, to North American Philips Co., Inc. Furnace for high-frequency heating with the aid of oscillations of very high frequency. 3,209,113, 9–28–65, Cl. 219—10.55.
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Le Bard, Ned M., Vertnik, Fisher, and McCaleb. 3,190,922.
Vertnik, Leonard R., to General Mills, Inc. Polymeric secondary amines and nitriles. 3,217,028, 11–9–65, Cl. 260—465.5.
Vertnik, Leonard R., and C. W. Brammer, to General Mills, Inc. Removal of metals and color from polymeric secondary amines. 3,217,026, 11–9–65, Cl. 260—464.
Vertrees, William C., to United States of America, Navy. Temperature-compensated pulse-responsive electronic switching circuit. 3,176,161, 3–30–65, Cl. 307—88.5.
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Vesper, Daniel M., and D. E. Lupfer, to Phillips Petroleum Co. Method and apparatus for concentration measurement and control. 3,188,857, 6–15–65, Cl. 73—53.
Vess, Albert, D. E. Phipps, and J. L. Hunerwadel, to Keystone Camera Co., Inc. Camera exposure control. 3,183,814, 5–18–65, Cl. 95—64.
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Vest, Robert D., to E. I. du Pont de Nemours and Co. 1,2-dicyano-1,2-bis(N,N-disubstituted thiocarbamylthio)-ethylenes. 3,197,472, 7–27–65, Cl. 260—247.1.
Vest, Robert D., to E. I. du Pont de Nemours and Co. Mercaptodicyanovinyl sulfide. 3,226,423, 12–28–65, Cl. 260—465.5.
Vestal, Odrah E., and J. E. Ulry. Automobile front end alignment tool. 3,199,837, 8–10–65, Cl. 254—1.
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Vesterdal, Hans G., and R. Kassinger, to Esso Research and Engineering Co. Lubricating compositions containing metal salt of a bicyclo carboxylic acid. 3,223,632, 12–14–65, Cl. 252—33.6.
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Viale, Edmond A., and L. R. Conrath, to Detroit Coil Co. Oil bath solenoid. 3,181,040, 4–27–65, Cl. 317—165.
Viall, Charles S., Sr. Seat spring arrangement. 3,184,227, 5–18–65, Cl. 267—108.
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Vian-Ortuno, Angel, C. Iriarte-Fernandez, and A. Romero-Gonzalez, to Instituto Nacional de Industria. Process for the treatment of pyrite ores bearing arsenic and lead. 3,172,755, 3–9–65, Cl. 75—9.
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Vicini, Albert J. Wheel actuated roundabout toy. 3,187,461, 6–8–65, Cl. 46—205.
Vick, Ralph L., to The Bendix Corp. Relief valve having partial balancing arrangement. 3,217,740, 11–16–65, Cl. 137—469.
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Bunting, Wilfred H., Wyatt, and Caiger. 3,219,135.
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Eggington, Wilfred J., and Lewis. 3,185,240.
Forsyth, George H., and Taylor. 3,203,738.
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Vickers, Roy G., to Brevets Aero-Mecaniques S.A. Gun mountings. 3,171,325, 3–2–65, Cl. 89—40.
Vickers, Stanley E., to Imperial Mfg. Co. Hydraulic tapper unit with means to permit yielding of the feed nut. 3,200,425, 8–17–65, Cl. 10—136.
Vickers, Stanley E., to Imperial Mfg. Co. Hydraulic drill unit. 3,224,301, 12–21–65, Cl. 77—32.7.
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Vickery, John R., Jr., to AMP Inc. Apparatus for making electrical connections. 3,186,075, 6–1–65, Cl. 29—203.
Vickery, John R., Jr., to AMP Inc. Apparatus for wiring panelboards. 3,186,077, 6–1–65, Cl. 29—203.
Vickery, Joseph L. Bowling ball. 3,207,514, 9–21–65, Cl. 273—63.
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Sweet, Harry M. 3,189,969.
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Hoffman, Robert C., Faber, and Schnakenberg. 3,186,636.
Maples, Richard E. 3,181,759.
Mitchell, Wallace F. 3,177,963.
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Schultz, Ralph L. 3,186,635.
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Victorian, Henry C., and H. B. Parshley, to Hiller Aircraft Co., Inc. Aircraft landing gear strut structure. 3,193,221, 7–6–65, Cl. 244—100.
Victorius, Claus, to E. I. du Pont de Nemours and Co. Interpolymer latex compositions and process. 3,206,421, 9–14–65, Cl. 260—29.3.
Victory Engineering Corp.: *See*—
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Costantini, Anthony R., and Angelus. 3,186,364.
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Costantini, Anthony R., and Di Angelus. 3,219,405.
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Vidach, John B. Rudder assembly for watercraft. 3,221,699, 12–7–65, Cl. 114—162.
Vidal, Frederick D., and V. G. Sarli, to Wallace & Tiernan Inc. Oxidation of aliphatic hydrozo compounds to the corresponding aliphatic aze compounds. 3,192,196, 6–29–65, Cl. 260—192.
Vidal, Ignacio S. Device for removing electrostatic charges from gases, particularly from the intake gases in internal combustion engines. 3,171,396, 3–2–65, Cl. 123—169.
Vidal, Paul I., to Rocma Anstalt. Continuous moulding apparatus. 3,214,793, 11–2–65, Cl. 18—4.
Vidar Corp.: *See*—
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Bahrs, George S., Martin, and McWhorter. 3,205,448.
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Geer, Charles W. 3,181,027.
Vido, George. Tablet dispenser. 3,168,215, 2–2–65, Cl. 221—264.
Viebrock, Carl H. Grain saving attachment for combine. 3,202,154, 8–24–65, Cl. 130—27.
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Vieillard, Georges M. P., to Machines Automatiques Modernes (Societe a Responsabilite Limitee). Manual and record operated accounting machine. 3,200,239, 8–10–65, Cl. 235—61.9.
Vielle, Lester M. Car top receptacle. 3,190,515, 6–22–65, Cl. 224—42.1.
Vielstich, Wolf E., to The Electric Storage Battery Co. Alkaline accumulator. 3,202,544, 8–24–65, Cl. 136—6.
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Viessmann, Hans. Change-over and mixing device. 3,194,271, 7–13–65, Cl. 137—625.43.
Viessmann, Hans. Continuous flow heater. 3,207,130, 9–21–65, Cl. 122—32.
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Walter, Henry J. 3,216,138.
Vieyra de Abreu, Jose M. y. Device to provoke underwater explosions. 3,179,048, 4–20–65, Cl. 102—7.
Videtic, Silvan, to The Leece-Neville Co. Molded brush holder plate. 3,182,218, 5–4–65, Cl. 310—239.
Vifian, Paul R., and A. B. Hanse, to Pettibone Mulliken Corp. Rock crusher. 3,204,882, 9–7–65, Cl. 241—275.
Vigerhed, Rolf V. Safety device in load hooks. 3,213,508, 10–26–65, Cl. 24—241.
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Vigren, Sten D., R. A. Zander, and P. H. E. Claesson. Contact spring assembly for relays and the like. 3,211,873, 10–12–65, Cl. 200—166.
Vigue, Henry R. Egg package. 3,224,618, 12–21–65, Cl. 217—26.5
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Schwartz, Henry A. 3,226,048.
Viktrosson, Carl A., to Electrolux, Aktiebolaget. Storage system. 3,188,977, 6–15–65, Cl. 104—235.

Vilain, Henri. Device for a combined steeping and germinating multi-process. 3,188,280, 6–8–65, Cl. 195—130.
Vilbajo, Jean, to A.V.R. Achat, Ventes, Representation, Societe Anonyme. Special cartridge for firing projectiles fitted end-on on firearms. 3,174,429, 3–23–65, Cl. 102—39.
Vilbajo, Jean, to U.M.A.L., Societe Anonyme. Piezo-electric firing mechanism. 3,202,100, 8–24–65, Cl. 102—70.2.
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Herbst, Willy, Rochlitz, and Vilcsek. 3,200,004.
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Sommer, Hans, Linke, Rochlitz, and Vilcsek. 3,219,407.
Vilcsek, Herbert, F. Rochlitz, and C. Heuck, to Farbwerke Hoechst Aktiengesellschaft. Process for preparing β-chlorethane phosphonic acid dichloride. 3,206,508, 9–14–65, Cl. 260—543.
Vile, Robert L., to Westinghouse Electric Corp. Lamp mount and component therefor. 3,210,587, 10–5–65, Cl. 313—271.
Vilensky, Michel B., to Ampex Corp. Ferrite coating. 3,188,400, 6–8–65, Cl. 179—100.2.
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Villalobos, Humberto F.-M. Apparatus for grinding diamond knives. 3,190,044, 6–22–65, Cl. 51—124.
Villalobos, Humberto F.-M. Method of making diamond knives. 3,190,047, 6–22–65, Cl. 51—283.
Villalobos, Richard, to Beckman Instruments, Inc. Chromatographic method. 3,201,922, 8–24–65, Cl. 55—67.
Villalobos, Richard, to Beckman Instruments, Inc. Gas chromatograph. 3,201,971, 8–24–65, Cl. 73—23.1.
Villalon, Roberto P. System for simultaneously perforating and re-enforcing the hole so made in sheet material for filing purposes. 3,226,283, 12–28–65, Cl. 156—522.
Villandry, Richard P., to J. and M. D'Augusta. Strut foundation for building. 3,195,189, 7–20–65, Cl. 20—1.
Villani, Frank J., to Schering Corp. Novel compounds for lowering blood cholesterol levels. 3,188,315, 6–8–65, Cl. 260—297.
Villani, Frank J., to Schering Corp. 5-(4-dimethylaminocyclohexyl)-dibenzo[a,d]cyclohepta[1,4]-diene and salts thereof. 3,188,347, 6–8–65, Cl. 260—570.5.
Villani, Frank J., to Schering Corp. Anti-depressant compositions and methods. 3,223,586, 12–14–65, Cl. 167—65.
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Villemure, Fred W., to Anderson Bros. Mfg. Co. Multiple semi-fluid dispensing nozzle having adjustable vanes. 3,174,652, 3–23–65, Cl. 222—132.
Villepelet, Jean, to Compagnie Francaise Thomson-Houston. Radio detection and automatic tracking equipment. 3,222,674, 12–7–65, Cl. 343—9.
Villeple, Paul, and M. Billot. Vehicle transmission and clutch mechanism. 3,219,161, 11–23–65, Cl. 192—3.5.
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Villiers, Jacques, to International Standard Electric Corp. Air navigation information system. 3,167,759, 1–26–65.
Villiers, Jacques, to International Standard Electric Corp. Aerial navigation system with beacon identification. 3,176,290, 3–30–65, Cl. 343—6.5.
Villiers, Jacques, to International Standard Electric Corp. Rotating radio-beacon system for locating objects. 3,181,141, 4–27–65, Cl. 343—6.
Villiers, Jacques, to International Standard Electric Corp. Air radio navigation control systems. 3,181,142, 4–27–65, Cl. 343—6.
Villiers, Jacques, to International Standard Electric Corp. Omni-directional altimetric radar. 3,181,143, 4–27–65, Cl. 343—6.
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Viltrakis, Douglas V. Dispenser carton. 3,182,792, 5–11–65, Cl. 206—57.
Vilven, Lester J. Vote counting. 3,207,531, 9–21–65, Cl. 281—44.
Vinal, Albert F., to Union Carbide Corp. Dry cell electrodes containing fibrous graphite and process of making same. 3,192,071, 6–29–65, Cl. 136—121.
Vinal, Albert W., to International Business Machines Corp. Magnetic devices. 3,183,493, 5–11–65, Cl. 340—174.
Vinal, Albert W., to International Business Machines Corp. Electrical sampling switch. 3,193,807, 7–6–65, Cl. 340—174.
Vinal, Albert W., to International Business Machines Corp. Magnetic memory instrumentation. 3,212,068, 10–12–65, Cl. 340—174.
Vinal, Albert W., to International Business Machines Corp. Differential quantitized storage and compression. 3,225,333, 12–21–65, Cl. 340—172.5.
Vincens, René, to Societe Civile de Recherches et d'Etudes Industrielles. Demountable door hinge. 3,166,367, 1–19–65, Cl. 312—329.
Vincens, René, to Societe Civile de Recherches & d'Etudes Industrielles. Take-down rack-type metal shelves. 3,205,840, 9–14–65, Cl. 108—107.
Vincens, Rene, to Societe Civile de Recherches et d'Etudes Industrielles. Metal cabinet front panel and handle construction. 3,206,270, 9–14–65, Cl. 312—320.
Vincens, Rene, to Societe Civile de Recherches et Etudes Industrielles. Detachable furniture leg assembly comprising telescopic channel members. 3,210,035, 10–5–65, Cl. 248—188.8.
Vincent, Arthur H. Combination lawn mower and snow remover. 3,208,167, 9–28–65, Cl. 37—43.
Vincent, Charles H., to United Kingdom Atomic Energy Authority. Apparatus for the detection of excursions in a reactor. 3,219,939, 11–23–65, Cl. 328—140.
Vincent, Clarence K. Bowling game apparatus and ball resetting and returning mechanism for the same. 3,224,766, 12–21–65, Cl. 273—41.
Vincent, Edward T., to Continental Aviation and Engineering Corp. Fuel injection means. 3,204,408, 9–7–65, Cl. 60—39.74.
Vincent, Harold L.: *See*—
Boyd, Gerald C., and Vincent. 3,170,890.
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Vincent, Renic P., to Pan American Petroleum Corp. Metallic casing liner. 3,179,168, 4–20–65, Cl. 166—14.
Vincent, Renic P., to Pan American Petroleum Corp. Fluid-driven percussion tool. 3,180,434, 4–27–65, Cl. 173—73.
Vincent, Renic P., to Pan American Petroleum Corp. Method of setting metallic liners in wells. 3,191,680, 6–29–65, Cl. 166—46.
Vincent, Renic P., to Pan American Petroleum Corp. Corrugated tube for lining wells. 3,203,451, 8–31–65, Cl. 138—143.
Vincent, Renic P., to Pan American Petroleum Corp. Apparatus for forming metallic casing liner. 3,203,483, 8–31–65, Cl. 166—207.
Vincent, Renic P., and J. C. Stall, to Pan American Petroleum Corp. Device for recording the inside diameter of a tubular object. 3,216,122, 11–9–65, Cl. 33—178.
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Vincent, Russell S., to The Plessey Co. Ltd. Electrolytic treatment of aluminium for increasing the effective surface. 3,193,485, 7–6–65, Cl. 204—141.
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Mizell, Louis R., Tewksbury, and Vitello. 3,213,860.
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Vitello, John P., to The Gillette Co. Suction operated hair curler. 3,213,862, 10–26–65, Cl. 132—38.
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Voelker, Walter D., to Union Carbide Corp. Method of producing a sandwich structure from a pair of foam coated sheets. 3,174,887, 3–23–65, Cl. 156—79.

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Vogel, Charles B., to Shell Oil Co. Well logging. 3,182,744, 5–11–65, Cl. 181—.5.

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Voglis, Gregory M., and H. F. Willis, to Commissioners for Executing the Office of Lord High Admiral of the United Kingdom of Great Britain and Ireland. Object detecting and locating apparatus. 3,202,961, 8–24–65, Cl. 340—6.

Vogt, Alfred, to North American Philips Co., Inc. Device for maintaining a constant temperature of density in a liquid. 3,203,189, 8–31–65, Cl. 62—3.

Vogt, Andre. Process for manufacturing a watch-dial with hour-signs applied in relief. 3,197,846, 8–3–65, Cl. 29—177.

Vogt, Andre. Method for welding symbols in relief over a dial. 3,203,080, 8–31–65, Cl. 29—177.

Vogt, André. Method for producing a clockwork dial provided with projecting symbols. 3,206,841, 9–21–65, Cl. 29—177.
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Vogt, Armien L., and C. E. Allen, to Wells-Gardner Electronics Corp. Automatic control circuit for television receivers. 3,214,517, 10–26–65, Cl. 178—7.5.
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Wales, Michael, to Shell Oil Co. Polymer crystallization method. 3,207,739, 9–21–65, Cl. 260—93.7.
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Walker, Brooks. Auto smog control for spark and carburetor. 3,195,529, 7–20–65, Cl. 123—99.
Walker, Brooks. Speed sensing device. 3,204,620, 9–7–65, Cl. 123—102.
Walker, Brooks. Adapters for mounting a spring on a shock absorber. 3,206,184, 9–14–65, Cl. 267—8.
Walker, Brooks. Dash pot carburetor control. 3,216,692, 11–9–65, Cl. 251—54.
Walker, Brooks. Vehicle lifting device. 3,216,703, 11–9–65, Cl. 254—86.
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Walker, Byrd. Motor driven revolving amusement device. 3,210,076, 10–5–65, Cl. 272—53.1.
Walker, Charles F. Portable fire shield. 3,193,017, 7–6–65, Cl. 169—1.
Walker, Charles M. Tension adjusting means for chain saws. 3,194,284, 7–13–65, Cl. 143—32.
Walker, Charles S., to General Electric Co. Voltage regulator including a non linear mixing network to limit the power dissipation of a continuously conducting series regulating transistor. 3,196,344, 7–20–65, Cl. 323—22.
Walker, Charles S., to General Electric Co. Firing pulse generating circuit for solid state controlled rectifiers. 3,213,351, 10–19–65, Cl. 321—18.
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Walker, Curtis L., to General Motors Corp. Heat exchangers suitable for space use. 3,211,215, 10–12–65, Cl. 165—46.
Walker, Dale W., to United States of America, Navy. Integral tension bar retainer. 3,185,413, 5–25–65, Cl. 244—63.
Walker, David E., and R. A. Noland, to United States of America, Atomic Energy Commission. Cladding process. 3,200,491, 8–17–65, Cl. 29—474.4.
Walker, David G., H. A. Holcomb, and B. N. Hill, to Esso Research and Engineering Co. Hydrocarbon conversion. 3,190,940, 6–22–65, Cl. 260—683.75.
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Walker, Eugene J.: *See*—
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Walker, Frank S. Vehicle skylight. 3,205,351, 9–7–65, Cl. 240—7.35.
Walker, George A., and R. E. Hosey, to International Business Machines Corp. Dual pawl dog clutch. 3,212,610, 10–19–65, Cl. 192—33.
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Walker, George F., to Commonwealth Scientific and Industrial Research Organization. Method of producing carbon-silicate complexes. 3,188,225, 6–8–65, Cl. 106—291.
Walker, George G., and R. E. Eckman, ¼ to Cooper-Bessemer Corp. Air tool improvement. 3,190,183, 6–22–65, Cl. 91—80.
Walker, George S., to Ferranti, Ltd. Error checking circuit for electronic counters. 3,193,667, 7–6–65, Cl. 235—153.
Walker, Glenn L., and J. L. Filer, to Aircraft Specialties, Inc. Phillips head screw starter. 3,208,489, 9–28–65, Cl. 145—50.
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Walker, Harry E. Fish conveyor and cutter. 3,165,778, 1–19–65, Cl. 17—4.
Walker, Harry L., to Phillips Petroleum Co. Automatic control in fractional distillation. 3,212,997, 10–19–65, Cl. 202—40.
Walker, Herbert O., to Richardson, Westgarth & Co. Ltd. Automatic control systems. 3,226,558, 12–28–65, Cl. 290—40.
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Walker, Isaac F., to E. I. du Pont de Nemours and Co. Process for dyeing and aftertreating polyethylene oxide modified nylon fibers and the products obtained thereby. 3,226,178, 12–28–65, Cl. 8—55.
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Walker, James D., to Walker Process Equipment, Inc. Process for digesting sludge and digester therefor. 3,194,756. 7–13–65. Cl. 210—14.
Walker, James H., to International Business Machines Corp. High speed printer with reciprocable type bar. 3,212,435, 10–19–65, Cl. 101—93.
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Walker, Jay P., and R. W. Coggins, to National Tank Co. Methods and means for low temperature separation. Re. 25,759, 4–6–65, Cl. 55—57.
Walker, Jay P., and R. W. Coggins, to National Tank Co. Methods and means for low temperature separation. 3,174,926, 3–23–65, Cl. 208—340.
Walker, Jay P., C. O. Glasgow, and K. B. Henderson, to National Tank Co. Oil and gas separators. 3,213,595, 10–26–65, Cl. 55—204.
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Walker, John, to Kaiser Industries Corp. Apparatus for oxygen conversion of iron to steel. 3,223,399, 12–14–65, Cl. 266—36.
Walker, John C., to Walker Mfg. Co. Muffler with tuned silencing chambers. 3,212,603, 10–19–65, Cl. 181—48.
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Walker, Kenneth E., and T. Hutson, Jr., to Phillips Petroleum Co. Alkylation process and apparatus. 3,169,153, 2–9–65, Cl. 260—683.48.
Walker, Kenneth O., 25% to M. Niesen. Sinker with releasably attached plug. 3,218,751, 11–23–65, Cl. 43—43.11.
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Walker, Lloyd A., to Monsanto Co. Iminomethylenebis-heterocycles. 3,225,045, 12–21–65, Cl. 260—250.
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Brown, Howard L., and Callendar. 3,209,787.
Campbell, Colin. 3,170,448.
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Hills, Bert A. 3,196,905.
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Markisen, Russell G. 3,216,750.
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Soren, Louis J., and Van Eimeren. 3,170,447.
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Whitney, William C. 3,209,861.
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Young, James R. 3,209,862.
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McKenzie, William G. 3,178,056.
Walker, Matthew P. Soil excavating apparatus. 3,216,589, 11–9–65, Cl. 212—68.
Walker, Maurice D., and J. K. Sanders. Cleaning and sanitizing machine. 3,194,438, 7–13–65, Cl. 222—61.
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Walker, Norman: *See*—
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Walker, Odis. Tire valve assembly and air leak indicator for pneumatic tires which utilize inner tubes. 3,185,126, 5–25–65, Cl. 116—34.
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Walker, James D. 3,194,756.
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Walker, Richard E., W. Philippoff, and V. V. Horner, to Esso Production Research Co. Process for overcoming lost circulation. 3,198,252, 9–3–65, Cl. 166—32.
Walker, Richard K., to DASA Corp. Automatic telephone repertory dialing system. 3,197,572, 7–27–65, Cl. 179—90.
Walker, Richard K., to McGraw-Edison Co. Dictating machine. 3,222,074, 12–7–65, Cl. 274—11.
Walker, Richard M., to Microwave Associates, Inc. Rectangular waveguide bend. 3,189,850, 6–15–65, Cl. 333—98.
Walker, Richard M., and N. P. Kernweis, to Microwave Associates, Inc. Orthogonal hybrid T for microwave waveguides. 3,192,489, 6–29–65, Cl. 333—11.
Walker, Richard M., and A. A. Blaisdell, to Microwave Associates, Inc. Microwave harmonic generator and filter element therefor. 3,196,339, 7–20–65, Cl. 321—69.
Walker, Robert G.: *See*—
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Walker, Robert G., and R. B. Taylor, to R. F. Brooks. Safety device. 3,189,967, 6–22–65, Cl. 24—265.
Walker, Robert K. Auxiliary jaws for chuck tools. 3,223,428, 12–14–65, Cl. 279—36.
Walker, Robert L., and W. E. Hallas, to Rocket Power, Inc. Solid fuel reaction motor. 3,210,932, 10–12–65, Cl. 60—35.6.
Walker, Robert O., to The Cincinnati Milling Machine Co. Drawbolt for machine tool spindles. 3,205,779, 9–14–65, Cl. 90—11.
Walker, Robert T., and C. C. Schuetz, to United States Gypsum Co. Fire resistant asphalt coating composition and shingle. 3,180,783, 4–27–65, Cl. 161—93.
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Walker, William F., to Sun Oil Co. Tank gauge apparatus. 3,222,928, 12–14–65, Cl. 73—224.
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Wall, Byron T. Fluid metering device with conduit flushing by-pass. 3,207,384, 9–21–65, Cl. 222—318.
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Wall, James E., E. T. Smith, and G. J. Fisher, to Celanese Corp. of America. Stabilization of oxymethylene copolymers. 3,174,948, 3–23–65, Cl. 260—67.
Wall, Leo A., and W. J. Pummer, to United States of America, Navy. Octafluorovinylphenyl ether and its polymers. 3,192,190, 6–29–65, Cl. 260—91.1.
Wall, Leo A., and J. W. Fearn, to United States of America, Navy. Homo polymers of 4-chloroper-fluoroheptadiens-1,6. 3,211,637, 10–12–65, Cl. 260—921.
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Wall, Virgil W., to Whittaker Corp. Transducer employing a guard ring between input and output means to reduce stray capacitances. 3,219,920, 11–23–65, Cl. 323—122.
Wallace, Arthur B.: *See*—
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Wallace, James H. Collapsible tube closure means. 3,197,090, 7–27–65, Cl. 222—519.
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Wallace, Richard A., to Control Data Corp. Drafting apparatus. 3,202,392, 8–24–65, Cl. 248—455.
Wallace, Richard B., to The Oakland Corp. Method and apparatus for making a friction nut. 3,213,175, 10–19–65, Cl. 264—320.
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Wallace, Wilfred J., to Rohr Corp. Method and composition for descaling stainless steels and related alloys. 3,197,341, 7–27–65, Cl. 134—28.
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Wallberg, Richard D., R. R. and N. K. Johnson, D. H. Moritz, and D. E. Dettman. Foot binding for water skis. 3,176,328, 4–6–65, Cl. 9—310.
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Walley, Gerald D., and D. S. Warburton, to English Electric Aviation Ltd. Aircraft fuselages. 3,171,620, 3–2–65, Cl. 244—120.
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Wallis, Marvin E. Mechanism for encasing articles. 3,178,866, 4–20–65, Cl. 53—140.
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Wallmann, George R. Window unit. 3,210,807, 10–12–65, Cl. 20—42.
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Wallshein, Melvin. Orthodontic brackets. 3,218,714, 11–23–65, Cl. 32—14.
Wallshein, Melvin. Orthodontic fittings. 3,218,715, 11–23–65, Cl. 32—14.
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Walsh, Edward C. Conversion of counters to adding machines. 3,220,645, 11–30–65, Cl. 235—80.
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Walsh, James L., J. R. Turnbull, and F. K. Buelow, to International Business Machines Corp. High speed switching circuits. 3,218,466, 11–16–65, Cl. 307—88.5.

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Walters, Max. Display device for shoes. 3,197,793, 8–3–65, Cl. 12—1.

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Brown, Lloyd H., and Watson. 3,168,490.

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Watts, Guy A. Remote controlled seed spreader. 3,191,944, 6–29–65, Cl. 275—8.

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Watts, John D., to Gray Tool Co. Transition joint. 3,210,098, 10–5–65, Cl. 285—173.

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Webb, George L., and E. E. Late, to Essex Wire Corp. Duplex thermal switch with a U-shaped bi-metal member each leg of which being individually operable and adjustable. 3,171,933, 3–2–65, Cl. 200—138.

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Webb, James E., administrator of the National Aeronautics and Space Administration with respect to an invention of E. Y. Chow and R. M. Bamford. Elastic universal joint. 3,169,613, 2–16–65, Cl. 189—36.

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Webb, James E., administrator of the National Aeronautics and Space Administration, with respect to an invention of J. G. Small. Means for visually indicating flight paths of vehicles between the Earth, Venus and Mercury. 3,196,558, 7–27–65, Cl. 35—45.

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Webb, James E., administrator of the National Aeronautics and Space Administration, with respect to an invention of P. D. Potter. Cassegrainian antenna subreflector flange for suppressing ground noise. 3,209,361, 9–28–65, Cl. 343—781.

Webb, James E., administrator of the National Aeronautics and Space Administration with respect to an invention of H. W. Crouch, and N. E. Peterson, Jr. Shrink-fit gas valve. 3,211,169, 10–12–65, Cl. 137—340.

Webb, James E., administrator of the National Aeronautics and Space Administration with respect to an invention of J. P. Bagby, and R. L. Zimmerman. Thermaly operated valve. 3,211,414, 10–12–65, Cl. 251—11.

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Webb, Lewis B., to Essex Wire Corp. Method of making reels. 3,221,612, 12–7–65, Cl. 93—1.
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Webb, Paul, to Environment Inc. Personnel isolation and protection systems. 3,174,300, 3–23–65, Cl. 62—259.
Webb, Reginald F., and D. G. Large, to Ciba Ltd. Peracid production by ester-H_2O_2 reaction. 3,169,986, 2–16–65, Cl. 260—502.
Webb, Richard C., to International Telephone and Telegraph Corp. Phase coincidence detector control circuit. 3,206,616, 9–14–65, Cl. 307—88.5.
Webb, Richard C., to International Telephone and Telegraph Corp. Add-subtract separator. 3,209,348, 9–28–65, Cl. 340—347.
Webb, Richard C., and S. B. Peterson, to International Telephone and Telegraph Corp. Shaft angle encoding apparatus. 3,188,627, 6–8–65, Cl. 340—347.
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Webb, Robert L., and M. L. Payne, to The Glidden Co. Separating isomeric menthyl oxalate esters by agitating a crystallizing mixture of said esters. 3,171,855, 3–2–65, Cl. 260—485.
Webb, Robert S., to Elox Corp. of Michigan. Current sensitive per-pulse cut-off circuit. 3,178,551, 4–13–65, Cl. 219—69.
Webb, Robert S., to Elox Corp. of Michigan. Peak reading drive relay circuit. 3,217,207, 11–9–65, Cl. 317—51.
Webb, Robert S. Wide range multivibrator circuit. 3,223,946, 12–14–65, Cl. 331—144.
Webb, Robert S., to Elox Corp. of Michigan. High frequency gas rectifier circuit. 3,226,599, 12–28–65, Cl. 315—181.
Webb, Robert S., and W. Lobur, to Elox Corp. of Michigan. Electrical discharge machining power circuit. 3,211,882, 10–12–65, Cl. 219—69.
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Webb, William D. Golf practice club including inertia controlled indicator means. 3,215,437, 11–2–65, Cl. 273—186.
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Webb, William G., and M. C. Engman, to Engman Mfg. Co. Clamp means. 3,183,569, 5–18–65, Cl. 24—270.
Webb, William H. A., and H. C. Gull, to Burnett and Rolfe Ltd. Formaldehyde manufacture. 3,174,911, 3–23–65, Cl. 202—40.
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Webber, George, ½ to A. S. Parkhurst. Automobile ash tray. 3,169,636, 2–16–65, Cl. 206—19.5.
Webber, Harold H., and W. E. Hearne, to Bodcaw Co. Structural unit of reconstituted and reinforced wood products. 3,179,983, 4–27–65, Cl. 20—.5.
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Webber, John J., to Morgan Construction Co. Gaseous flow reversal valve. 3,184,223, 5–18–65, Cl. 263—15.
Webber, John J., to Morgan Construction Co. Combustion air heater for regenerative furnace. 3,223,135, 12–14–65, Cl. 158—4.5.
Webber, Raymond E. Variable level hitch device. 3,171,673, 3–2–65, Cl. 280—477.
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Weber, Alexander, to H. Beer, and E. Weber-Horisberger, trading as AWEPA. Device for fixing objects. 3,193,168, 7–6–65, Cl. 227—147.
Weber, Alexander, to Dr. H. Beer, and E. Weber-Horisberger (trading as AWEPA). Supporting slide rail. 3,206,791, 9–21–65, Cl. 16—96.
Weber, Andreas, to Daimler-Benz Aktiengesellschaft. Internal combustion engine. 3,211,139, 10–12–65, Cl. 123—119.
Weber, Artur, and A. Rufer, to Saia A.G. Program-timing device. 3,182,212, 5–4–65, Cl. 307—141.4.
Weber, Berthold C., to United States of America, Air Force. Method of making a container. 3,189,473, 6–15–65, Cl. 106—57.
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Weber, Charles L., Jr., to Westinghouse Air Brake Co. Relay valve device. 3,169,803, 2–16–65, Cl. 303—23.
Weber, Charles L., Jr., to Westinghouse Air Brake Co. Fluid pressure brake control apparatus with empty and load changeover. 3,193,333, 7–6–65, Cl. 303—23.
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Weber, Earl J., to American Gas Assn., Inc. Spark ignition system for gas burners. 3,174,534 3–23–65, Cl. 158—125.
Weber, Earl J., to American Gas Assn., Inc. Ignition system for gas burners. 3,174,535, 3–23–65, Cl. 158—125.
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Weber, Edward B., J. W. Addler, Jr., and H. A. Volk, to Caterpillar Tractor Co. Rotary mill. 3,175,276, 3–30–65, Cl. 29—105.
Weber, Elden H., to Chicago Eye Shield Co. Face shield. 3,214,767, 11–2–65, Cl. 2—9.
Weber, Elmer. Siding structure. 3,173,229, 3–16–65, Cl. 50—247.
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Weber, Harry R., to Socony Mobil Oil Co., Inc. Apparatus for programming a test engine to alter operating conditions. 3,208,273, 9–28–65, Cl. 73—116.
Weber, Harry R., to Socony Mobil Oil Co., Inc. Method and apparatus for photoelectric rating of throttle tube deposits. 3,223,844, 12–14–65, Cl. 250—218.
Weber, Heinrich, and H. Friedenreich, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Piston seal for a multistage high pressure gas compressor. 3,190,545, 6–22–65, Cl. 230—183.
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Weber, Karl, to G. M. Pfaff, AG. Stitch control for plural-feed sewing machines. 3,198,153, 8–3–65, Cl. 112—209.

Weber, Karl A., to Weber Showcase & Fixture Co., Inc. Multiple shelf refrigerated display cabinet. 3,168,818, 2–9–65, Cl. 62—256.

Weber, Karl A., to Weber Showcase & Fixture Co., Inc. Means for attaching refrigerant tubing in refrigerated showcases. 3,168,820, 2–9–65, Cl. 62—283.

Weber, Karl H., F. T. Ryan, and J. M. Clark, to The Electric Auto-Lite Co. Two-piece frame for dynamoelectric machine. 3,174,066, 3–16–65, Cl. 310—258.

Weber, Karl H., F. T. Ryan, and J. M. Clark, to Eltra Corp. Method of making a two-piece frame for dynamo-electric machines. 3,200,475, 8–17–65, Cl. 29—155.53.

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Weber, Klauss, and K. Leonhardt, to Ernst Leitz, G.m.b.H. Photomicrographic methods and apparatus. 3,205,767, 9–14–65, Cl. 88—24.

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Vosburg, Guy M. 3,172,575.

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Weber, Richard, H. Ziesler, and W. Wurth, to Metallgesellschaft Aktiengesellschaft. Bearing compositions. 3,215,-629, 11–2–65, Cl. 252—12.

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Kalbfleisch, Adolphe W. 3,191,934.

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Hessinger, Philip S., and Weber. 3,197,279.

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Weber, Victor, to Robertshaw Controls Co. Control apparatus for fuel burning appliances. 3,213,922, 10–26–65, Cl. 158—140.

Weber, Victor, and J. D. Tomlinson, to Minnesota Mining and Mfg. Co. Process of making beaded coatings and films from glass beads treated with oleophobic sizing agent. 3,222,204, 12–7–65, Cl. 117—27.

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Weberling, Paul. Safety ski-binding. 3,189,362, 6–15–65, Cl. 280—11.35.

Webers, Heinz, to Bau-Stahlgewehe G.m.b.H. Apparatus for inverting welded concrete reinforcing mesh and the like. 3,178,039, 4–13–65, Cl. 214—1.

Webner, Albert. Screening grate. 3,208,594, 9–28–65, Cl. 209—379.

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Webster, Owen W., to E. I. du Pont de Nemours and Co. Onium tetracyanoethylenides. 3,201,399, 8–17–65, Cl. 260—268.

Webster, Owen W., to E. I. du Pont de Nemours and Co. Salts of 1,1-dicyano-2,2,2-trialkoxyethanes. 3,221,026, 11–30–65, Cl. 260—340.9.

Webster, Owen W., to E. I. du Pont de Nemours and Co. 1,4-disubstituted-2,3,5,6 tetracyano benzene compounds and process for preparation thereof. 3,226,420, 12–28–65, Cl. 260—465.

Webster, Richard R., to Jones & Laughlin Steel Corp. Noncontacting dimensional gaging of objects with an electron-optics device. 3,222,979, 12–14–65, Cl. 88—14.

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Weinstein, Alex J., to The Ednalite Corp. Projection pointer. 3,183,773, 5–18–65, Cl. 88—24.
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Weinstein, Bernard. Warning device for radio receivers. 3,223,927, 12–14–65, Cl. 325—401.
Weinstein, David A., to Shand and Jurs Co. Temperature encoder. 3,218,628, 11–16–65, Cl. 340—347.
Weinstein, David A., to General Precision, Inc. Data converter. 3,218,633, 11–16–65, Cl. 340—347.
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Weiss, Harry. Fluorescent lamp. 3,179,792, 4–20–65, Cl. 240—11.4.

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Weitzman, Norman G. Mounting and display stand for a plurality of vending machines. 3,223,245, 12–14–65, Cl. 211—4.

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Welch, Alanson U., to General Electric Co. Three-phase reactor. 3,173,112, 3–9–65, Cl. 336—12.

Welch, Alanson U., to General Electric Co. Shielded electrical induction apparatus. 3,175,173, 3–23–65, Cl. 336—84.

Welch, Alanson U., to General Electric Co. Electrical shunt reactor. 3,195,087, 7–13–65, Cl. 336—84.

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Moore, William C., and Pilgrim. 3,220,888.

Welch, Alvin C.: *See*—
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Hawkins, Royal R., and Welch. 3,175,381.

Welch, Archibald H., to Converters, Inc. Envelope attaching machine. 3,200,719, 8–17–65, Cl. 93—61.

Welch, Arthur L. Transmission. 3,191,459, 6–29–65, Cl. 74—688.

Welch, Arthur L. Machinists pivotal caliper with attached dial indicator. 3,208,148, 9–28–65, Cl. 33—148.

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Gonzales, Elwood J., Welch, and Guthrie. 3,183,149.

Welch, Clark M., to United States of America, Agriculture. Process for crosslinking cellulose with formaldehyde adducts of divinyl sulfone. 3,202,474, 8–24–65, Cl. 8—120.

Welch, Clark M., to United States of America, Agriculture. Process for cross-linking cellulose with formaldehyde adducts of divinyl sulfone. 3,219,708, 11–23–65, Cl. 260—607.

Welch, Eldred: *See*—
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Welch, Frank C. Line linking swivel. 3,178,881, 4–20–65, Cl. 59—95.

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Welch, Frank J., to Union Carbide Corp. Stabilization of acrolein polymers with secondary amines. 3,225,000, 12–21–65, Cl. 260—45.8.

Welch, Frank J., and C. W. McGary, Jr., to Union Carbide Corp. Polymers of alkenyl naphthalene and method of making same. 3,164,575, 1–5–65, Cl. 260—93.5.

Welch, Frank J., and H. J. Paxton, Jr., to Union Carbide Corp. Flame-resistant polymers. 3,183,214, 5–11–65, Cl. 260—67.

Welch, Glenn. Automatic pressure altimeter. 3,225,598, 12–28–65, Cl. 73—386.

Welch, Harold G. Pumps. 3,190,233, 6–22–65, Cl. 103—169.

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Welch, John W., and T. D. Cleary, to Black, Sivalls & Bryson, Inc. Apparatus for dehydrating a natural gas stream. 3,212,230, 10–19–65, Cl. 55—208.

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Welch, Medard W., and J. Dubrovin. Skin stimulating and cleaning device and pump therefor. 3,184,156, 5–18–65, Cl. 230—152.

Welch, Myles S. Machinist's gauging devices. 3,196,547, 7–27–65, Cl. 33—169.

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Welch, Phillip C., and R. W. Matz, to Steelcase, Inc. Back support adjustment for torsion chair. 3,224,807, 12–21–65, Cl. 297—304.

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Lacey, James W., Horsfield, and Welch. 3,223,157.

Welch, Russell A., Sr., 45% to E. A. Casaroll, and 5% to P. G. Hogue. Electric convection heater. 3,223,827, 12–14–65, Cl. 219—365.

Welcher, Richard P., to American Cyanamid Co. Unsaturated substituted cyclic sulfones and process for preparing the same. 3,192,231, 6–29–65, Cl. 260—332.1.

Welcher, Richard P., to American Cyanamid Co. Substituted 1,3-dienes and process for preparing the same. 3,213,125, 10–19–65, Cl. 260—465.8.

Welcher, Richard P., to American Cyanamid Co. Phosphorus-containing heterocycles and methods for preparing same. 3,218,358, 11–16–65, Cl. 260—606.5.

Welcher, Richard P., to American Cyanamid Co. 4-phosphorinanone-1-sulfides. 3,225,103, 12–21–65, Cl. 260—606.5.

Welches, James H. Pressurized dispenser having an electromagnetic valve. 3,198,404, 8–3–65, Cl. 222—394.

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Welden, Andrew J. Fluid actuated mechanism. 3,213,605, 10–26–65, Cl. 60—19.

Weldes, Helmut H. W., to Philadelphia Quartz Co. Siliceous product. 3,208,867, 9–28–65, Cl. 106—308.

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Welhouse, Ervin J., to Kimberly-Clark Corp. Papermaking machine. 3,211,301, 10–12–65, Cl. 214—6.

Welhouse, Ervin J., to Kimberly-Clark Corp. Papermaking machine. 3,211,449, 10–12–65, Cl. 271—11.

Welin-Berger, Guy J. O. Package for brewing a beverage. 3,223,229, 12–14–65, Cl. 206—.5.

Welin-Berger, John H. G. Means and method for preventing the spreading of infectious diseases when taking the temperature of patients. 3,215,265, 11–2–65, Cl. 206—63.2.

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Wellard, Charles L., to American Components, Inc. Mechanism for evaporation deposition. 3,187,715, 6–8–65, Cl. 118—49.

Wellauer, Edward J., and R. F. Pickel, to The Falk Corp. Vertical right angle speed reducer. 3,214,989, 11–2–65, Cl. 74—417.

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Wellborn, William W., to Abrasive Dressing Tool Co. Inspecting abrasive grinding wheels. 3,214,965, 11–2–65, Cl. 73—78.
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Wellens, Heino, L. Orthner, and K. Horst, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing insoluble, sulfur-containing polyamides. 3,203,934, 8–31–65, Cl. 260—78.
Weller, Arthur W., to Resina Automatic Machinery Co., Inc. Container fitment applying machines. 3,214,887, 11–2–65, Cl. 53—316.
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Weller, Barton L., and C. G. Horn, to Vitramon, Inc. Terminal means for electrical components. 3,184,661, 5–18–65, Cl. 317—261.
Weller, Barton L., and E. A. Bolton, to Vitramon Inc. Terminal lead connection and method of making the same. 3,221,387, 12–7–65, Cl. 29—25.42.
Weller, Barton L., and W. R. Belko, Jr., to Vitramon, Inc. Method of making a stacked capacitor. 3,221,388, 12–7–65, Cl. 29—25.42.
Weller, Berthold L., to Kitchens of Sara Lee, Inc. Method of forming a food package. 3,226,236, 12–28–65, Cl. 99—171.
Weller, Carl E. Soldering iron having temperature control means. 3,188,448, 6–8–65, Cl. 219—241.
Weller, Charles E., to Shell Oil Co. AGC unit using photoconductors. 3,167,722, 1–26–65, Cl. 330—59.
Weller, Charles E., to Shell Oil Co. Variable area recording apparatus and method. 3,184,752, 5–18–65, Cl. 346—108.
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Weller, Erwin, to Alfred Gauthier, G.m.b.H. Photographic single-lens reflex camera having intra-lens shutter provided with swing-through blades. 3,223,014, 12–14–65, Cl. 95—61.
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Weller, John J.: *See*—
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Weller, Wilhelm, and H. H. Knieps, to Transporttechnik G.m.b.H., Firma. Apparatus for separating and counting rod-shaped objects. 3,171,532, 3–2–65, Cl. 198—30.
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Welles, Donald P., Jr., and K. A. Hill, to Besley-Welles Corp. Method of contracting a hole. 3,167,860, 2–2–65, Cl. 29—556.
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Wellisch, Eric, to Olin Mathieson Chemical Corp. Process for preparing thermoplastic regenerated cellulose. 3,168,-409, 2–2–65, Cl. 106—168.
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Cook, Dewey B. 3,214,798.
Wilkinson, Stanley, and Cook. 3,186,614.
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Wellons, Richard S., and C. A. Evans, to United States of America, Navy. Plural horns at focus of parabolic reflector with shields to reduce spillover and side lobes. 3,176,-301, 3–30–65, Cl. 343—782.
Wells, Alton R. and R. M. Combination container, heater and control unit. 3,187,163, 6–1–65, Cl. 219—441.
Wells, Arthur J., to Veeder-Root Inc. Quick-change variator. 3,175,414, 3–30–65, Cl. 74—354.
Wells, Arthur N., to Apparatus Controls of San Carlos, Calif. Vibration dampener. 3,172,502, 3–9–65, Cl. 188—1.
Wells, Arthur N. Distillation apparatus. 3,214,352, 10–26–65, Cl. 202—187.
Wells, Bruce C. Cribbing spring. 3,179,741, 4–20–65, Cl 174—140.
Wells, David R. Form lock. 3,175,797, 3–30–65, Cl. 248—229.
Wells, Edward M., and J. H. Blythe, to The Marconi Co. Ltd. Radar locating system employing plural transmitted frequencies. 3,167,764, 1–26–65, Cl. 343—10.
Wells, Edward R., to The Procter & Gamble Co. Winder for web material. 3,191,883, 6–29–65, Cl. 242—56.
Wells, Emerald S. Bumper hoisting fixture. 3,220,565, 11–30–65, Cl. 214—1.
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Wells, Franklin B., to Trojan Powder Co. Blasting agent and explosive compositions containing a fine-grained organic sensitizer. 3,216,872, 11–9–65, Cl. 149—39.
Wells, Franklin B., and W. H. Rinkenbach, to Trojan Powder Co. Water-resistant explosive compositions. 3,180,773, 4–27–65, Cl. 149—58.
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Wells, George F., to Wells Mfg. Co. Lift mechanism for deep fat fryers. 3,225,681, 12–28–65, Cl. 99—336.
Wells, George H., to Radio Corp. of America. Impedance matching source to line for pulse frequencies without attenuating zero frequency. 3,197,719, 7–27–65, Cl. 333—33.
Wells, George W., to Bell Telephone Laboratories, Inc. Pulse distributor utilizing one bistable device per stage. 3,168,-657, 2–2–65, Cl. 307—88.5.
Wells, Herbert R. and M. M. Game apparatus with spinner device and selectively usable stop member. 3,211,458, 10–12–65, Cl. 273—134.
Wells, Herbert R. and M. M. Baseball game. 3,224,772, 12–21–65, Cl. 273—93.
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Fichtner, Edwin C. 3,174.892.
Waldherr, John F. 3,209,700.
Wells, George F. 3,225,681.
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Wells, Martin. Gears. 3,200,665, 8–17–65, Cl. 74—446.
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Wells, Herbert R. and M. M. 3,224,772.
Wells, Orville C., to Drive-in Theatre Mfg. Co., Inc. Patio light and speaker combination. 3,194,952, 7–13–65, Cl. 240—2.
Wells, Peter, to The General Electric Co. Ltd. Electric gating circuits. 3.207,927, 9–21–65, Cl. 307—88.5.
Wells, Ralph P., and J. M. Lawrence. Fishing rod sleeve ferrule. 3,170,721, 2–23–65, Cl. 287—126.
Wells, Ralph W., and P. R. Chen; ½ to Graviner Mfg. Co. Ltd. and ½ to Wilkinson Sword Ltd. Electrical circuits particularly for use with temperature detectors. 3,202,883, 8–24–65, Cl. 317—132.
Wells, Raymond, to Yale & Towne, Inc. Door control arm panic release. 3,182,348, 5–11–65, Cl. 16—49.
Wells, Richard D., to The William Carter Co. Diaper tabs for infant's shirts. 3,166,763, 1–26–65, Cl. 2—112.
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Wells, Roger, to Diamond National Corp. Method and apparatus for pressing molded pulp articles on the mold. 3,167,-469, 1–26–65, Cl. 162—227.
Wells, Rogers A., to Pitney-Bowes, Inc. Folder-inserter. 3,193,983, 7–13–65, Cl. 53—117.
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Wells, Kergan, and W. K. 3,223,611.
Wells, William L.: *See*—
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Welsh, H. Frazer, to Sperry Rand Corp. Detent servo selector. 3,200,384, 8–10–65, Cl. 40—174.1.
Welsh, Herbert F.: *See*—
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Welsh, Herbert F., to Sperry Rand Corp. Random access memory systems. 3,183,494, 5–11–65, Cl. 340—174.1.
Welsh, Herbert F., to Sperry Rand Corp. Tape handling machine. 3,189,291, 6–15–65, Cl. 242—55.12.
Welsh, Herbert F., to Sperry Rand Corp. Power jet clocking. 3,199,781, 8–10–65, Cl. 235—201.
Welsh, Herbert F., to Sperry Rand Corp. Magnetic drum recorder including a landing track. 3,200,385, 8–10–65, Cl. 340—174.1.
Welsh, Herbert F., deceased; J. S. Chapline, executrix, to Sperry Rand Corp. Fluid shift register. 3,201,041, 8–17–65, Cl. 235—201.
Welsh, Herbert F., E. D. Schreiner, L. R. Mock, and J. P. Eckert, Jr., to Sperry Rand Corp. Tape drive and recording apparatus. 3,189,290, 6–15–65, Cl. 242—55.12.
Welsh, John A., to General Aniline & Film Corp. Stabilized light-sensitive emulsions. 3,185,570, 5–25–65, Cl. 96—109.
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Lindblom, Frank W. 3,209,366.
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Welti, Arno, to Albiswerk Zurich A.G. Homing system for guided missiles. 3,219,294, 11–23–65, Cl. 244—14.
Welti, George R., to Raytheon Co. Radar systems. 3,173,139, 3–9–65, Cl. 343—17.1.
Welton, Charles L. Interchangeable honda. 3,165,091, 1–12–65, Cl. 119—153.
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Hawley, James A. 3,213,374.
Welty, Charles R., to Union Tank Car Co. Sewer tapping. 3,169,415, 2–16–65, Cl. 77—14.
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Welty, Frank, and R. D.. Dispensing apparatus for pre-mixed beverages. 3,178,062, 4–13–65, Cl. 222—95.
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Welty, Frank and R. D. 3,178,062.
Welty, Richard O.: *See*—
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Hadley, Billy M., Rohlfing, and Welty. 3,219,208.
Weltyk, Stephan, to Chrysler Corp. Brake vibration eliminator. 3,177,978, 4–13–65, Cl. 188—78.
Weman, Per-Olof, to Broderna Ottosson & Co., AB. Safety belts having chest and hip straps. 3,172,701, 3–9–65, Cl. 297—389.
Wembley, Inc.: *See*—
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Wencil, Raymond H. Apparatus for piano playing in any key, for writing music, and for transposing music from one key to another. 3,185,015, 5–25–65, Cl. 84—478.
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Zwick, Kurt. 3,182,403.
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Wende, Adolph H., to Shure Mfg. Corp. Display devices and mounting means therefor. 3,220,125, 11–30–65, Cl. 40—16.
Wendel, Clifford A. Method of reflection for producing a pleasing image. 3,173,985, 3–16–65, Cl. 88—75.
Wendel, Clifford A. Tool holder. 3,216,471, 11–9–65, Cl. 145—61.,
Wendelken, Gerard J., to Cutting Room Appliances Corp. Edge alignment device for cloth laying machines. 3,222,-005, 12–7–65, Cl. 242—57.1.
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Ehrlich, Anthony G. 3,217,158.
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Forster, Walter R. 3,199,540.
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Gilbert, Chalmers W. 3,170,093.
Gregg, Charles W. 3,202,816.
Hager, Robert E. 3,212,081.
Hess, Richard C. 3,187,127.
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Hewitt, Ellis E. 3,165,119.
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Kettering, James H., and Allan. 3,205,980.
Kirk, Walter B. 3,175,869.
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May, Harry C. 3,206,257.
McClure, Glenn T. 3,165,293.
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Mishelevich, Benjamin. 3,175,082.
Newell, George K. 3,169,407.
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Pier, Jerome R. 3,192,879.
Racki, Francis R. 3,169,801.
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Shirey, Frank W. 3,175,700.
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Spalding, Willard P. 3,169,391.
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Weber, Charles L., Jr. 3,169,803.
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King, Kenneth G. 3,164,760.
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Nock, Oswald S., and Harris. 3,187,326.
Rowe, Gerwyn T., Whittard, and Melhuish. 3,196,985.
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Albert, Paul A., and Foster. 3,165,428.
Alsing, Carl F. 3,172,272.
Amlinger, Philipp R. 3,183,453.
Anderson, Gunnar E. 3,173,731.
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Argo, Hollis C. 3,210,224.
Ariewitz, Daniel. 3,171,586.
Astleford, John J., Jr., Henry, and Leonard. 3,195,015.
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Ayling, Robert W. 3,171,588.
Bacheler, Albert T. 3,165,683.
Baird, Norman F. 3,220,224.
Baird, Norman F. 3,220,225.
Baker, Benjamin P., Cromer, and Aspey. 3,214,541.
Baker, Robert H. 3,210,640.
Barabutes, Theodore. 3,195,016.
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Barbaro, Ernest P. 3,209,428.
Barditch, Irving F., Bento, and Freeman. 3,204,192.
Barditch, Irving F., Brooks, and Lascola. 3,195,070.
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Barnett, Eugene J. 3,194,945.
Bates, Robert C., Huston, and Morley. 3,194,642.
Baudry, Rene A. 3,172,709.
Beck, Raymond A., and Stretch. 3,170,030.
Begley, Francis T. 3,170,130.
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Beldecos, Frank A., and Brown. 3,189,320.
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Benesh, Joseph C., and Lavernoich. 3,212,820.
Benjamin, Charles E. 3,165,429.
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Benke, Frank W. 3,173,113.
Bennett, Allan I., Jr., and Longini. 3,206,286.
Bennon, Saul. 3,183,460.
Bentley, John M. 3,218,467.
Bentley, John M. 3,194,982.
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Bento, Robert, Barditch, and Rachal. 3,189,829.
Bento, Robert, Fogle, and Lascola. 3,170,126.
Berg, Daniel, and Malinaric. 3,210,461.
Berman, Paul A. 3,177,659.
Best, Kenneth J., and Tiefel. 3,177,749.
Billings, William W. 3,209,212.
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Blackburn, John L., and Glassburn. 3,178,616.
Blazek, Robert J. 3,172,773.
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Book, Herbert W. 3,195,084.
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Bottonari, Samuel A., and Wobrak. 3,174,010.
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Brown, Roy L. 3,183,462.
Brown, Roy L. 3,201,733.
Bruderly, Robert E. 3,213,322.
Brundige, William L. 3,189,778.
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Brutt, Frederick J., and Wright. 3,205,561.
Bryan, Chester L., and McDonnell. 3,188,842.
Buckingham, Arthur G., Haney, Knight, and Roese. 3,189,298.
Buleza, Daniel S. 3,211,663.
Bullis, Earl, Jr. 3,200,217.
Burdett, John C. 3,209,561.
Burig, Robert G., and Petrocelli. 3,195,043.
Burkhardt, Charles E., and Ellis. 3,195,090.
Cadwell, Carl L., and Cruess. 3,178,695.
Calabrese, Daniel M., and Pasculle. 3,201,626.
Calderwood, Robert H., Sheppard, Ruffing, and Moreland. 3,189,513.
Calfee, Wendell, Taulbee, and Swanberg. 3,210,603.
Calhoun, Howard J. 3,201,651.
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Cameron, Frank L. 3,213,242.
Cameron, Frank L., and Ackermann. 3,194,923.
Cannon, Lloyd M., and Vaughn. 3,169,813.
Carissimi, Vincent L., and Taylor. 3,165,614.
Carissimi, Vincent L., and Taylor. 3,194,929.
Carl, Wellington C., and Zollinger. 3,189,195.
Carl, Wellington C., and Zollinger. 3,189,196.
Cellerini, Albert R., and Ricci. 3,172,984.
Celzheiser, Francis L., and Baum. 3,213,241.
Charland, Telesphore L., and Tao. 3,182,391.
Chen, Charles W. 3,166,408.
Chen, Charles W. 3,189,493.
Cherry, Sidney J. 3,206,636.
Chivers, James R. 3,208,371.
Chottiner, Jacob. 3,206,330.
Christian, Carl A., and Dragar. 3,211,876.
Circle, Robert R. 3,183,416.
Circle, Robert R. 3,213,323.
Clark, Trevor. 3,165,751.
Claybourn, Glen L. 3,172,946.
Clayton, Robert H. 3,179,840.
Clement, Joseph D., and Kirsch. 3,211,930.
Colaiaco, August P. 3,211,969.
Colclaser, Robert G., Jr., and Reese. 3,179,775.
Colclaser, Robert G., Jr., and Reese. 3,214,555.
Coleman, Jacob J., Smith, Stewart, and Fekete. 3,210,023.
Conrad, Joseph D., Sr., and Bryant. 3,190,612.
Cook, John W. 3,213,656.
Cornell, Archie R. 3,209,293.
Cornell, Archie R. 3,209,294.
Cotter, George H., and Bichsel. 3,210,523.
Cotter, George H., and Ludwig. 3,210,213.
Courtin, John J. 3,209,206.
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Cox, Henry L., Jr. 3,209,229.
Craig, Ronald H., and Bruderly. 3,178,642.
Crane, Leland L., Noiles, and Miale. 3,206,586.
Creagan, Robert J. 3,211,621.
Creeger, Larry D., and Neff. 3,183,043.
Cromer, Charles F. 3,164,705.
Cromer, Charles F. 3,214,545.
Crook, Richard F. 3,206,216.
Cunningham, Richard, and Currey. 3,213,833.
Cushing, Walter V. 3,218,113.
Daines, Geoffrey A. 3,208,840.
Danko, Joseph C., and McCoy. 3,189,765.
Danko, Joseph C., Tower, and Thomas. 3,214,295.
Davis, Marvin A., and Kemp. 3,189,812.
Davis, Marvin A., and Poepsel. 3,206,683.
Decker, Walter J. 3,209,192.
Dereich, John E., and Steiner. 3,178,506.
Desel, Frederick F. 3,189,340.
Ditzler, John L. 3,221,984.
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Dolphin, Thomas J. 3,211,983.
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Donovan, Robert P., Barditch, and Kuckes. 3,212,020.
Dorfman, Hiller D., and Freese. 3,218,418.
Dorfman, Hiller D., and Jones. 3,211,960.
Dorsett, John G. 3,218,419.
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Dronberger, Hal H. 3,173,432.
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Duerr, Melvin V. 3,213,311.
Duncan, Charles S., and Taylor. 3,170,813.
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Dunn, Edward J., Jr., and Kelman. 3,212,881.
Easley, Gilbert J. 3,185,895.
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Ellis, Belvin B., and Burkhardt. 3,210,709.
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Facey, Philip G., Jr. 3,177,678.
Feather, Landiss E. 3,189,681.
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Finley, James D., and Frink. 3,213,222.
Fish, William A., Jr., and Sucha. 3,214,554.
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Flaton, Howard C., and Thorel. 3,194,255.
Fogle, Edgar L., Lascola, and Wasson. 3,206,692.
Ford, James G. 3,170,027.
Foris, Victor G. 3,182,902.
Formigoni, Napoleone. 3,211,923.
Fox, Edgar C., Jr., and Meyer. 3,189,195.
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Frakes, James H., and Bridges. 3,178,504.
France, Leonard L., Lewis, Ambrose, Ammon, and Richardson. 3,183,085.
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Franklin, Terrell E. 3,214,511.
Fraser, Malcolm J. 3,210,610.
Freeman, George A. 3,195,005.
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Frisch, Erling. 3,194,740.
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Fromknecht, Charles T., and Frost. 3,205,528.
Frost, George H. 3,194,621.
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Gaal, Andrew E. 3,210,052.
Garbuny, Max, Gottlieb, and Zollweg. 3,194,989.
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Gasparini, Francis A., and Gormley. 3,189,218.
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Gatlin, James A., and Shimp. 3,211,987.
Gault, Robert L., and Haas. 3,165,627.
Gelzheiser, Francis L., and Dyer. 3,178,535.
Glaser, Harold K., and Emery. 3,212,169.
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Glatthorn, Raymond H. 3,209,120.
Gleason, Charles H., and Feaster. 3,201,619.
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Goldstein Robert P. 3,183,496.
Good, Paul F. 3,210,223.
Grimes, Willard M., Jr. 3,165,571.
Guentner, Robert L. 3,209,747.
Haake, Claus H. 3,165,667.
Hammer, Joel B. 3,213,260.
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Harder, John E. 3,206,570.
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Hayter, Stanley G., and Hanley. 3,211,402.
Healey, Daniel J., III. 3,189,895.
Heffron, Charles B. 3,171,083.
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Heim, Richard C. 3,173,037.
Hellstrom, Melbourne J. 3,170,072.
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Herchenroeder, Louis W. 3,183,421.
Hickam, William M. 3,209,144.
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John, Harold F. 3,195,217.
Johnson, Frederick B. 3,164,706.
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Kalista, John E. 3,209,946.
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Krenke, Vincent G. 3,171,595.
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Kruzic, Zelko J. 3,201,545.
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Lakin, Robert G. 3,173,060.
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Lane, Donald H., Cunningham, McDonald, and Tiller. 3,193,889.
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LaSota, Raymond W., Rusnak, and Doane. 3,209,207.
Lauer, Charles A. 3,183,369.
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Lawrence, Robert J. 3,206,575.
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Lee, Paul R. 3,189,721.
Leeds, Winthrop M. 3,214,544.
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Le Gates, Ralph W., and Santobianco. 3,169,451.
Lempert, Joseph. 3,189,781.
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Lennox, George C. 3,169,815.
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Lide, Basil M. 3,209,341.
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Lin, Hung C. 3,197,710.
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Longini, Richard L. 3,201,596.
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Lynn, Lawrence B. 3,194,996.
MacDonald, Copthorne. 3,175,035.
Macdonald, Ian M. 3,165,686.
MacGregor, Dean J. 3,189,810.
MacNeill, John B., Baker, and Aspey. 3,180,959.
Marcinko, Frank V., and Reintgen. 3,210,459.
Marino, Joseph. 3,170,098.
Martahus, Donald J., and Hess. 3,173,988.
Masavage, Joseph W. 3,207,985.
Mason, Julien J. 3,208,811.
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McGinnis, Gerald E. 3,209,680.
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McKee, Wayne H., and Hoffman. 3,211,217.
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McMillen, James W., Jr., and Bithell. 3,213,221.
McWhirter, James H. 3,201,728.
Merchant, Chester O. 3,169,628.
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Michel, Eugene W., and Rackley. 3,209,142.
Mikina, Stanley J., and Wilson. 3,213,333.
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Mole, Cecil J. 3,213,630.
Mole, Cecil J., and Wepfer. 3,178,894.
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Moore, Curtis L. 3,189,858.
Moore, Curtis L. 3,195,085.
Moore, Curtis L., and Specht. 3,189,675.
Moore, David L., and Suzuki. 3,218,525.
Moore, Harold R. 3,183,465.
Morrison, Heber J. 3,195,076.
Morrison, Heber J., and Anderson. 3,210,684.
Morrison, Robert W. 3,165,680.
Moss, Hilary. 3,178,603.
Mrenna, Stephen A., and Freese. 3,213,219.
Mrenna, Stephen A., and Reichert. 3,213,224.
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Mullen, John H. 3,169,406.
Mullen, John H. 3,170,995.
Murphy, Bernard T., and Price. 3,209,214.
Murray, Thomas R., and Fahrion. 3,212,226.
Narbut, Paul. 3,170,131.
Narbut, Paul, Monito, and Voytik. 3,201,727.
Naul, George M. 3,209,790.
Nelkin, Arthur, Lester, Whittaker, and Thompson. 3,194,209.
Nerenstone, Marc A., and Charland. 3,211,626.
New, Thorndike C. T. 3,210,563.
Newberry, Meigs W. 3,209,943.
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Noiles, Douglas G., and Boylan. 3,196,907.
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Norris, George W. 3,165,662.
Nygren, Raymond T. 3,201,684.
Oamundsen, Norman K., and Cage. 3,214,634.
Ogden, Jack W., and McDaniel. 3,210,635.
Ogland, Jon W. 3,170,066.
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Olsen, Willy, and Ellis. 3,200,476.
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Pacoroni, Valentine W., and Smith. 3,201,617.
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White, Alan V., to Texas Instruments Inc. Blocking oscillator employing non-saturating grounded base transistor. 3,204,126, 8–31–65, Cl. 307—88.5.

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White, Charles S. Method for manufacturing bearings. 3,202,749, 8–24–65, Cl. 264—242.

White, Charles S. Crankshaft damper. 3,207,000, 9–21–65, Cl. 74—574.

White, Charles S. Molding press. 3,208,105, 9–28–65, Cl. 18—30.

White, Charles S. Method of making bearings. 3,217,388, 11–16–65, Cl. 29—149.5.

White, Charles S. Method of making bearing element. 3,218,-383, 11–16–65, Cl. 264—130.

White, Charles S. Method of making a ball joint bearing. 3,220,093, 11–30–65, Cl. 29—149.5.

White, Chester N., to Sun Oil Co. Method of preparing an active siliceous cracking catalyst. 3,179,585, 4–20–65, Cl. 208—120.

White, Claude C. Mine roof expansion shell. 3,211,044, 10–12–65, Cl. 85—80.

White, Clayton F. A., to E. I. du Pont de Nemours and Co. Silver halide emulsions and elements containing antifoggants. 3,193,386, 7–6–65, Cl. 96—109.

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White, Donald L., to Bell Telephone Laboratories, Inc. Optical modulator employing reflection from piezoelectric-semiconductive material. 3,183,359, 5–11–65, Cl. 250—199.

White, Donald L., to Bell Telephone Laboratories, Inc. Piezoelectric transducer. 3,185,935, 5–25–65, Cl. 333—30.

White, Donald L., to Bell Telephone Laboratories, Inc. Pulse time and frequency changer utilizing delay line with controllable delay. 3,185,942, 5–25–65, Cl. 333—30.

White, Donald L., to Bell Telephone Laboratories, Inc. Ultrasonic wave transmission device utilizing semiconductor piezoelectric material to provide selectable velocity of transmission. 3,200,354, 8–10–65, Cl. 333—30.

White, Donald M., to Nordon, Inc. Tile casting installation. 3,193,903, 7–13–65, Cl. 25—43.

White, Douglas F., to E. K. Cole, Ltd. Measurement of fluid density by detecting radiation scattered from selected portions along the primary beam path. 3,183,351, 5–11–65, Cl. 250—43.5.
White, Douglas F., to American Radiator & Standard Sanitary Corp. Method and apparatus for controlling flow in centrifugal machines. 3,221,662, 12–7–65, Cl. 103—103.
White, Edward A., Jr., and R. E. Grantham, to United States of America, Navy. Magnetic low freqquency band pass filter. 3,211,057, 10–12–65, Cl. 89—1.5.
White, Edward B., to Synergistic Associates. Article dispenser with nutating oven. 3,224,643, 12–21–65, Cl. 221—150.
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White, Gerald A., and I. G. Baxter, to The British Oxygen Co. Ltd. Apparatus for controlling or assisting respiration. 3,164,149, 1–5–65, Cl. 128—29.
White, Gerald E. Float valve with air cut-off. 3,211,170, 10–12–65, Cl. 137—391.
White, Gerald M., to General Electric Co. Adapting quantized filter. 3,174,032, 3–16–65, Cl. 235—181.
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White, Harvey J. Bulldozer modified blade-bucket unit. 3,218,740, 11–23–65, Cl. 37—117.5.
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White, Howard T., to Crane Co. Motor driven pump. 3,220,350, 11–30–65, Cl. 103—87.
White, Hoyt T., to Newport News Shipbuilding and Dry Dock Co. Needle scaler. 3,193,908, 7–13–65, Cl. 29—81.
White, Ira M., to Baldwin-Lima-Hamilton Corp. Spherical valve. 3,208,718, 9–28–65, Cl. 251—172.
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White, James M., H. N. Dunning, and M. M. Kreevoy, to General Mills, Inc. Quaternary ammonium reagents in the ion exchange of anionic surfactants. 3,215,621, 11–2–65, Cl. 210—21.
White, James P., to Leeds and Northrup Co. Magnetic multiplier system. 3,165,650, 1–12–65, Cl. 307—88.5.
White, James P., to Leeds and Northrup Co. Function generators having multiple ratios between input and output. 3,209,266, 9–28–65, Cl. 328—132.
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White, James R., to E. I. du Pont de Nemours and Co. Process for producing bulk yarns from film strips. 3,177,557, 4–13–65, Cl. 28—72.
White, Jerry L., and D. L. Gibson, to The Dow Chemical Co. Method of reducing friction loss in flowing hydrocarbon liquids. 3,215,154, 11–2–65, Cl. 137—13.
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White, John E., to General Electric Co. Cathodic glow discharge lamp. 3,219,867, 11–23–65, Cl. 313—178.
White, John H., and W. B. Drury, to Taco, Inc. Diaphragm sealed valve. 3,164,365, 1–5–65, Cl. 251—335.
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White, Richard L. Solid-state controlled rectifier relay. 3,221,183, 11–30–65, Cl. 307—88.5.
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White, Sheldon S., to Alloyd Electronics Corp. Arc welding device. 3,210,515, 10–5–65, Cl. 219—74.
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White, Warren D., and H. S. Sawyer, to Cutler-Hammer, Inc. Apparatus for measuring pulse interval of quasi-periodic pulse signals. 3,167,709, 1–26–65, Cl. 324—68.
White, Wayne G., and R. A. Walther, to Union Carbide Corp. Copolymer of ethylene and vinyl alkyl ether. 3,226,374, 12–28–65, Cl. 260—88.1.
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Whitmore, Charles H., to Continental Machines, Inc. Feed control for band saws. Re. 25,901, 11–9–65, Cl. 83—201.06.
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Wichterle, Otto, J. Sebenda, and J. Kralicek. Method for the continuous rapid polymerization of 6-caprolactam and similar monomers with simultaneous extrusion of the formed polymer. 3,200,095, 8–10–65, Cl. 260—78.
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Wieber, George L., to Illinois Tool Works, Inc. Method and apparatus for forming a drilling point and the article so formed. 3,204,516, 9–7–65, Cl. 85—41.
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Wieckmann, Gerhard. Bottle closure. 3,169,656, 2–16–65, Cl. 215—40.
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Wiedemann, Eugene, and R. H. Cuny, to Brown, Boveri & Cie, Aktiengesellschaft. Bearing arrangement for vertical shafts. 3,165,365, 1–12–65, Cl. 308—170.
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Wieder, Harry H., to United States of America, Navy. Hall effect stroboscope and magnetometer. 3,223,924, 12–14–65, Cl. 324—45.
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Wierenga, Rodney D., and R. C. Flink, to Lear Siegler, Inc. Gimbal torque compensation. 3,205,718, 9–14–65, Cl. 74—5.22.
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Wierzbicki, Andrzej P., to Hartmann & Braun Aktiengesellschaft. Electrical controller with positive and negative feedback for servomotor. 3,210,626, 10–5–65, Cl. 318—18.
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Wiesler, Mordechai, and V. Martinonis, to Transistor Automation Corp. Sorting machine. 3,209,907, 10–5–65, Cl. 209—74.
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Wiggins, Leslie F., R. W. Temple, and M. W. Gittos, to Aspro-Nicholas Ltd. Antihypertensive quaternary ammonium salts of 1 : 2 : 3 : 4-tetrahydroisoquinoline. 3,175,945, 3–30–65, Cl. 167—65.
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Wiggins, Macdonald J., and L. C. Layfield, to Martin-Marietta Corp. Maximum likelihood detector. 3,212,014, 10–12–65, Cl. 329—107.
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Wijga, Pieter W. O., to Shell Oil Co. Crystallization method. 3,207,738, 9–21–65, Cl. 260—93.7.
Wikdahl, Nils A. L., to Bird Machine Co. Apparatus for cleaning hydrocyclones. 3,214,022, 10–26–65, Cl. 210—138.
Wikkerink, Lance A., to Republic Industries, Inc. Panic exit lock. 3,214,947, 11–2–65, Cl. 70—92.
Wikkerink, Lance A., to Republic Industries, Inc. Door operator. 3,220,718, 11–30–65, Cl. 268—59.
Wikle, Keith G., to The Brush Beryllium Co. Beryllium copper composition and method of producing green compacts and sintered articles therefrom. 3,196,007, 7–20–65, Cl. 75—200.
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Wilbanks, William H., R. H. Johnson, C. H. Wang, and F. C. Erzen, to Tektronix, Inc. Electron beam display device. 3,207,936, 9–21–65, Cl. 313—75.
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Wilbourn, Hugh R., Jr. PPCS toll ticketing telephone system. 3,175,039, 3–23–65, Cl. 179—7.1.
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Wilburn, William N., to Wilburn Co. Table construction. 3,223,056, 12–14–65, Cl. 108—150.
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King, Douglas T., and Frendock. 3,191,863.
Wilcox, Albert F., to General Electric Co. Endless roller chain movement determining apparatus with switch actuating means. 3,197,585, 7–27–65, Cl. 200—61.13.
Wilcox, Dwight D., Jr., to Ampex Corp. Recording and reproducing system. 3,188,615, 6–8–65, Cl. 340—174.1.
Wilcox, Earl D. Louver window. 3,170,547, 2–23–65, Cl. 189—62.
Wilcox, Frederick F. Power driven hand knife for trimming fat on hams. 3,207,197, 9–21–65, Cl. 146—203.
Wilcox, George E. Remote radioactive monitor and transmitting means. 3,178,577, 4–13–65, Cl. 250—83.6.
Wilcox, Harry A., to Laboratory for Electronics, Inc. Treadler-operated traffic detector having means for refilling while mounted in a roadway. 3,188,422, 6–8–65, Cl. 200—86.
Wilcox, Harry K., to I-T-E Circuit Breaker Co. Selectively insulated isolated phase bus. 3,178,507, 4–13–65, Cl. 174—99.
Wilcox, Isaac L., to Phillips Petroleum Co. Container. 3,195,795, 7–20–65, Cl. 229—7.
Wilcox, Isaac L., to Phillips Petroleum Co. Gable top container. 3,204,850, 9–7–65, Cl. 229—17.
Wilcox, James R. and W. D., ⅓ to R. V. Bailey. Planter mechanism. 3,176,636, 4–6–65, Cl. 111—51.
Wilcox, Lance C., to Electric Regulator Corp. Joint for piston-piston rod combination, and valve function thereof. 3,175,646, 3–30–65, Cl. 188—94.
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Wilde, James H., and W. E. Graves, to American Nuclear Corp. Direct reading nuclear radiation instrument. 3,180,-992, 4–27–65, Cl. 250—83.6.
Wilden, Adrian, to Schweizerische Aluminium A.G. Blooming mill reversal. 3,217,520, 11–16–65, Cl. 72—19.
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Wiley, Carl A., to Goodyear Aerospace Corp. Pulsed Doppler radar methods and apparatus. 3,196,436, 7–20–65, Cl. 343—17.
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Willey, Allen R., to American Can Co. Ferrous metal corrosion inhibitor. 3,182,853, 5–11–65, Cl. 220—64.
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William, Edwin C., Jr.: *See*—
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Brucken, Byron L., and Williamitis. 3,198,333.
Brucken, Byron L., and Williamitis. 3,198,334.
Williams, Albert J., Jr., to Leeds and Northrup Co. Digital-analog recorder system. 3,214,764, 10–26–65, Cl. 346—49.
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Williams, Alfred L. W., and H. H. Hamlin, to Clevite Corp. Hydraulically actuated piezoelectric voltage generator. 3,166,684, 1–19–65, Cl. 310—8.7.
Williams, Alfred L. W., and H. H. Hamlin, to Clevite Corp. Acoustic transducer. 3,215,977, 11–2–65, Cl. 340—10.
Williams, Alfred L. W., and H. H. Hamlin, to Clevite Corp. Piezoelectrically powered X-ray tube. 3,217,164, 11–9–65, Cl. 250—102.
Williams, Alfred L. W., F. A. Novak, and F. C. Kelly, to Clevite Corp. Piezoelectric ignition system having a magnetically actuated vacuum switch. 3,218,506, 11–16–65, Cl. 315—55.
Williams, Allen R., Jr. Collapsible container. 3,164,281, 1–5–65, Cl. 217—14.
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Williams, Alvin. Lathe cutter bits. 3,196,518, 7–27–65, Cl. 29—95.
Williams, Arthur: *See*—
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Williams, Arthur E., to John E. Williams & Son, Inc. Conveyor control. 3,193,089, 7–6–65, Cl. 198—232.
Williams, Arthur E., and C. H. Jansen. Dispensing valve. 3,219,059, 11–23–65, Cl. 137—625.3.
Williams, Arthur J., to Commercial Shearing & Stamping Co. Valve for selectively introducing fluid from two sources to a plurality of valve units. 3,204,662, 9–7–65, Cl. 137—596.
Williams, Arthur J., to Commercial Shearing & Stamping Co. Series type valves with float position. 3,212,522, 10–19–65, Cl. 137—596.12.
Williams, Augustus, 50% to Earl Safford. Vehicle wheel traction means. 3,201,159, 8–17–65, Cl. 291—3.
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Williams, Bill D. Bisecting device. 3,173,211, 3–16–65, Cl. 33—92.
Williams, Bradlee W., to Comar Electric Co. Stop-start reverse mechanism. 3,168,840, 2–9–65, Cl. 74—472.
Williams, Byron L., Jr., to Monsanto Co. Preparation of 1,3-cyclohexadiene-1-carboxaldehydes. 3,179,700, 4–20–65, Cl. 260—598.
Williams, Carl P., and O. H. Heitt. Automatic matrix cleaner. 3,163,962, 1–5–65, Cl. 51—9.
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Anderson, Neal S., and Williams. 3,212,092.
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Williams, Charles C., to Imperial Industries, Inc. Impact apparatus for generating a sonic impulse employed in seismic geological exploration. 3,209,854, 10–5–65, Cl. 181—5.
Williams, Charles F. Fishing rod support. 3,186,666, 6–1–65, Cl. 248—44.
Williams, Charles O., C. E. Miller, and J. S. Metcalf, to Olin Mathieson Chemical Corp. Plastic ammunition cartridge. 3,164,090, 1–5–65, Cl. 102—43.
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Williams, Chester I. Anchor system for an invert form. 3,174,204, 3–23–65, Cl. 25—131.5.
Williams, Chester I. Concrete form assembly and clamping means therefor. 3,186,679, 6–1–65, Cl. 249—192.
Williams, Chester I. Waler-attachment bracket. 3,190,601, 6–22–65, Cl. 248—221.
Williams, Chester I. Wrench coupling. 3,199,721, 8–10–65, Cl. 81—53.
Williams, Chester I. Grout plug for rock bolts. 3,204,416, 9–7–65, Cl. 61—45.
Williams, Chester I. Electric well heater. 3,207,220, 9–21–65, Cl. 166—60.
Williams, Chester I. Groutable rock anchor. 3,222,873, 12–14–65, Cl. 61—45.
Williams, Chester I. Electric grid floor heating system. 3,223,825, 12–14–65, Cl. 219—213.
Williams, Clarence O. Reel for pile fabrics with notched base. 3,189,172, 6–15–65, Cl. 206—51.
Williams, Claude E. Motor powered vehicle for handicapped persons. 3,204,791, 9–7–65, Cl. 214—85.
Williams, Conrad L., to Sweetheart Plastics, Inc. Cluster of container covers. 3,206,017, 9–14–65, Cl. 206—56.
Williams, David B., to Electronics Corp. of America. Method of manufacturing electron tubes. 3,180,698, 4–27–65, Cl. 316—21.
Williams, David C., to Ashland Oil & Refining Co. Nozzle connection lock device. 3,169,707, 2–16–65, Cl. 239—538.
Williams, David C., to Ashland Oil & Refining Co. Production of carbon black and apparatus therefor. 3,186,796, 6–1–65, Cl. 23—209.4.
Williams, David J., to Australian Paper Manufacturers Ltd. Recording of freeness of paper making stock. 3,198,006, 8–3–65, Cl. 73—63.
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Williams, Dick H., to General Motors Corp. Sealing means for convertible tops. 3,206,246, 9–14–65, Cl. 296—137.
Williams, Don A., Jr., to General Dynamics Corp. A.C.-D.C. converter. 3,196,335, 7–20–65, Cl. 321—2.
Williams, Donald E., to The Cross Co. Transfer device for conveyor interchange. 3,213,999, 10–26–65, Cl. 198—24.
Williams, Donald E., to Acra-Plant, Inc. Groove forming, seed orienting planter shoe. 3,217,674, 11–16–65, Cl. 111—86.
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Williams, Earl P., to General Aniline & Film Corp. Antistatic coating for synthetic fabrics. 3,212,927, 10–19–65, Cl. 117—138.8.
Williams, Earl P., and R. L. Mayhew, to General Aniline & Film Corp. Method for controlling nematodes with gamma-phenoxy butyric acid. 3,179,558, 4–20–65, Cl. 167—30.
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Williams, Elbert C., to Will-Hav Mfg. Co. Hand, wrist and arm exerciser. 3,211,453, 10–12–65, Cl. 272—68.
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Williams, Esther M.: *See*—
Williams, Ivan A. 3,168,884.
Williams, Floyd B.: *See*—
Cook, Charles A., and Williams. 3,216,646.
Williams, Forrest V., to Monsanto Co. Article having a silicon carbide substrate with an epitaxial layer of boron phosphide. 3,210,624, 10–5–65, Cl. 317—237.
Williams, Forrest V., and R. A. Ruehrwein, to Monsanto Co. Use of hydrogen halide as carrier gas in forming III–V compound from a crude III–V compound. 3,224,911, 12–21–65, Cl. 148—175.
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Williams, Frank H. Equipment for placing cable in conduits. 3,224,732, 12–21–65, Cl. 254—134.3.
Williams, Fred E. Luggage carrier. 3,174,665, 3–23–65, Cl. 224—42.1.
Williams, Fred G., Jr., to Beckman Instruments, Inc. Method for the determination of protein bound iodine. 3,168,377, 2–2–65, Cl. 23—230.
Williams, Fred G., Jr., E. M. Whitley, and F. I. Fuller, to Beckman Instruments, Inc. Cuvette. 3,177,756, 4–13–65, Cl. 88—14.
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Williams, Frederick P. Sewage treatment structures. 3,202,285, 8–24–65, Cl. 210—195.
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Williams, Gladney R. Safety feature in pressurized containers. 3,168,210, 2–2–65, Cl. 220—89.
Williams, Gladys M.: *See*—
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Williams, Glyn O., to Hobart Bros. Co. Arc welding apparatus and method. 3,180 969, 4–27–65, Cl. 219—137.
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Williams, Harold L., to Merrick Scale Mfg. Co. Integrating means. 3,198,429, 8–3–65, Cl. 235—61.
Williams, Harold W., to Owens-Illinois Glass Co. Snap-on closure. 3,223,269, 12–14–65, Cl. 215—43.
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Williams, Harry D., to E. I. du Pont de Nemours and Co. Lead (IV) zeolites. 3,173,759, 3–16–65, Cl. 23—112.
Williams, Harry D., to Radio Corp. of America. Wire marking apparatus. 3,195,499, 7–20–65, Cl. 118—7.
Williams, Harry W. Ring welding fixture. 3,198,510, 8–3–65, Cl. 269—52.
Williams, Harvey M. Conduit and outlet box locating unit. 3,163,909, 1–5–65, Cl. 25—118.
Williams, Henry M., to Olin Mathieson Chemical Corp. Method of fabricating a connecting device. 3,170,235, 2–23–65, Cl. 29—534.
Williams, Henry M., to Olin Mathieson Chemical Corp. Connecting device. 3,174,321, 3–23–65, Cl. 72—267.
Williams, Henry M., to Olin Mathieson Chemical Corp. Connecting device. 3,175,180, 3–23–65, Cl. 339—144.
Williams, Herald J., Jr., to Aqua-Lectric, Inc. Self-contained electrical radiator unit. 3,166,666, 1–19–65, Cl. 219—341.
Williams, Herald J., Jr., to Aqua-Lectric, Inc. Electric heating control panel. 3,176,194, 3–30–65, Cl. 317—116.
Williams, Herald J., Jr., to Aqua-Lectric, Inc. Electric baseboard radiator. 3,192,360, 6–29–65, Cl. 219—341.
Williams, Herbert F. Gage drive. 3,176,406, 4–6–65, Cl. 33—170.
Williams, Holland V., and D. T. Hindman, to Finger Keys, Inc. Control device. 3,201,961, 8–24–65, Cl. 70—277.
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Williams, Hubert L.: *See*—
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Williams, Hubert L., to Crane Co. Trunnion seal for screw-type operator. 3,178,950, 4–20–65, Cl. 74—89.
Williams, Ivan A., deceased, by E. M. Williams, executrix. Device for protecting door edges, and method and apparatus for forming same. 3,168,884, 2–9–65, Cl. 113—51.
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Rozlog, Matt, and Williams. 3,167,368.
Williams, James R. Aquaplane. 3,200,421, 8–17–65, Cl. 9—310.
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Williams, James T., and S. J. Miller, to Whirlpool Corp. Automatic control of plural heaters in a clothes drier. 3,203,679, 8–31–65, Cl. 263—10.
Williams, Jesse J. Self lubricating bearing. 3,210,137, 10–5–65, Cl. 308—21.
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Williams, John L. Valve having seat-carrying flange. 3,164,363, 1–5–65, Cl. 251—328.
Williams, John L. Two way shut off valve. 3,194,269, 7–13–65, Cl. 137—614.11.
Williams, John L. Gate valve having seat removable through flow passage. 3,207,471, 9–21–65, Cl. 251—328.
Williams, John L., and R. Bayes, to Associated Electrical Industries Ltd. Magnetic structures. 3,211,965, 10–12–65, Cl. 317—158.
Williams, John R., to Utah Construction & Mining Co. Form system for concrete construction. 3,168,772, 2–9–65, Cl. 25—131.
Williams, John R., to Raytheon Co. Heavily doped base rings. 3,180,766, 4–27–65, Cl. 148—33.
Williams, John R., to Selas Corp. of America. Industrial burner. 3,212,558, 10–19–65, Cl. 158—108.
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Williams, John R., and H. J. Brusca, to Selas Corp. of America. Ratio adjusting mechanism for gas mixing machines. 3,212,526, 10–19–65, Cl. 137—625.41.
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Williams, Joseph M., to Electro Networks, Inc. Resonant reed relay. 3,218,408, 11–16–65, Cl. 200—91.
Williams, Keith R., and R. T. Short, to Shell Oil Co. Electrodes for fuel cells. 3,222,224, 12–7–65, Cl. 136—86.
Williams, Kenneth A.: *See*—
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Williams, La Vergne E., to Radiation, Inc. Variable power divider or combiner for radio frequency applications. 3,219,948, 11–23–65, Cl. 333—7.
Williams, La Vergne H., to Gunver Mfg. Co. Time clock. 3,167,380, 1–26–65, Cl. 346—82.
Williams, Lawrence S., to Toledo Scale Corp. Condition responsive instruments. 3,179,191, 4–20–65, Cl. 177—167.
Williams, Lawrence S., to Toledo Scale Corp. Weighing scales. 3,181,634, 5–4–65, Cl. 177—169.
Williams, Lawrence S., to Toledo Scale Corp. Weighing scales. 3,185,236, 5–25–65, Cl. 177—255.
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Williams, Leo C., and C. P. Rounsefell, to Minnesota Mining and Mfg. Co. Apparatus for mounting films and other inserts in cards. 3,208,895, 9–28–65, Cl. 156—352.
Williams, Leslie A., to Eastman Kodak Co. Photographic silver halide emulsions stabilized with tetrazaindene compounds. 3,202,512, 8–24–65, Cl. 96—109.
Williams, Lewis E. Locking device. 3,174,315, 3–23–65, Cl. 70—337.
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Williams, Lyle N., H. R. Alley, and H. K. Barnhizer, to General Motors Corp. Method of making vinyl foam seals. 3,170,967, 2–23–65, Cl. 264—45.
Williams, Lyndon R. Automobile parking position indicator. 3,219,972, 11–23–65, Cl. 340—61.
Williams, Lyndon R. Hose support. 3,220,680, 11–30–65, Cl. 248—79.
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Williams, Lynn A., to Anocut Engineering Co. Electrolytic cavity sinking apparatus and method for non-parallel workpiece surfaces. 3,196,093, 7–20–65, Cl. 204—143.
Williams, Lynn A., to Anocut Engineering Co. Multiphase electrolytic removal apparatus. 3,214,361, 10–26–65, Cl 204—224.
Williams, Lynn A., to Anocut Engineering Co. Electrolytic cavity sinking apparatus and method. 3,218,248, 11–16–65, Cl. 204—284.
Williams, Marion A. Telephone installation. 3,185,535, 5–25–65, Cl. 312—223.
Williams, Mark H. Door knob cover. 3,174,788, 3–23–65, Cl. 292—347.
Williams, Melvin F., and A. F. Thornhill, to United States of America, Navy. Pulse train generator for producing odd or even number of pulses with variable pulse spacing. 3,167,716, 1–26–65, Cl. 328—38.
Williams, Merlin L., and W. P. Jensen, to Electrical Products Consolidated. Aircraft warning lights for towers. 3,197,629, 7–27–65, Cl. 240—114.
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Williams, Ralph E., and L. J. Nowak, Jr., to Blaw-Knox Co. Weight compensating system for automatic net weighers. 3,189,109, 6–15–65, Cl. 177—68.
Williams, Raymond F., and S. L. Anerino, to Gardner-Denver Co. Bearing lubrication system for compressor apparatus. 3,178,104, 4–13–65, Cl. 230—207.
Williams, Raymond F., and M. E. Martin, to Gardner-Denver Co. Turbocharger for compressor driving engine. 3,190,068, 6–22–65, Cl. 60—13.
Williams, Rees P., to R. Ramsden & Son Ltd., and Charrington & Co. Ltd. Continuous fermentation apparatus for beer production. 3,201,328, 8–17–65, Cl. 195—141.
Williams, Rees P., ½ to R. Ramsden & Son Ltd., and ½ to Charrington & Co. Ltd. Continuous fermentation process for beer production. 3,207,606, 9–21–65, Cl. 99—31.
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Williams, Richard E., to Dimension Inc. Photoelectric organ. 3,197,543, 7–27–65, Cl. 84—1.28.
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Cosulich, Donna B., Patrick, and Williams. 3,214,440.
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Williams, Robert A., to Talon, Inc. Electromagnetic pivotal armature contact mechanism. 3,172,975, 3–9–65, Cl. 200—87.
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Williams, Robert E., to National Engineering Science Co. Boron hydride salt-hydrazine system. 3,189,497, 6–15–65, Cl. 149—22.
Williams, Robert E., to Rexall Drug and Chemical Co. Process for the preparation of amino acids. 3,190,914, 6–22–65, Cl. 260—534.
Williams, Robert E., to Rexall Drug and Chemical Co. Process for the preparation of 4-halobutane-1-sulfonyl halides. 3,222,396, 12–7–65, Cl. 260—543.
Williams, Robert F., and E. D. Morrison, to Eastman Kodak Co. Compression rolling of multiple strips of organic polymers. 3,194,863, 7–13–65, Cl. 264—209.
Williams, Robert F., Jr., B. R. Dotson, and R. T. Jones, to Eastman Kodak Co. Heat sealing of polyolefin films. 3,201,302, 8–17–65, Cl. 161—252.
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Williams, Robert J., to Dover Molded Products Co. Punch-out pouring spout closure. 3,186,606, 6–1–65, Cl. 222—541.
Williams, Robert J., to Cadillac Products, Inc. Indicator device. 3,198,163, 8–3–65, Cl. 116—114.
Williams, Robert N.: *See*—
Graham, Harold E. 3,214,319.
Williams, Robert P.: *See*—
O'Brien, Edward J., and Williams. 3,166,252.
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Williams, Roger B., Jr.: *See*—
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Hackney, Stanley, and Williams. 3,201,319.
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Williams, Ronald P., P. N. Munn, and T. R. Duncan, to United Kingdom Atomic Energy Authority. Organic liquid moderated and cooled nuclear reactors. 3,203,867, 8–31–65, Cl. 176—61.
Williams, Roy O. Football practice apparatus. 3,216,724, 11–9–65, Cl. 273—55.
Williams, Russell F. Window guide roller assembly. 3,216,759, 11–9–65, Cl. 296—44.5.
Williams, Sam B., to Williams Research Corp. High pressure dynamic seal. 3,204,969, 9–7–65, Cl. 277—34.
Williams, Samuel G.: *See*—
Weisenbach, Charles O., and Williams. 3,164,960.
Williams, Samuel G., to The New York Air Brake Co. Hydrostatic transmission. 3,203,185, 8–31–65, Cl. 60—53.
Williams, Selden T., to Scovill Mfg. Co. Fluid pressure responsive actuator. 3,168,012, 2–2–65, Cl. 92—90.
Williams, Selden T., to Scovill Mfg. Co. Tire tread-depth gauge. 3,170,243, 2–23–65, Cl. 33—169.
Williams, Shelley R. Toothpaste dispenser. 3,173,578, 3–16–65, Cl. 222—93.
Williams, Stanley J., K. H. Krueger, and G. A. Peters, to American Gage & Machine Co. Distributor testing machine including rotating deflection coils. 3,210,653, 10–5–65, Cl. 324—16.
Williams, Stewart, A. A. Petersen, and E. H. R. Pegg, to Universal Oil Products Co. Apparatus for interphase contact between fluids. 3,219,324, 11–23–65, Cl. 261—95.
Williams, Thomas G., to Newport News Shipbuilding and Dry Dock Co. Locking pin assembly having a spring clip. 3,175,453, 3–30–65, Cl. 85—8.3.
Williams, Thomas H.: *See*—
Menard, Alfred J., and Williams. 3,196,026.
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Williams, Thurman V., Jr.: *See*—
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Williams, Thurston V., to The O. K. Tool Co., Inc. Cutting tool. 3,213,516, 10–26–65, Cl. 29—105.
Williams, Thurston V., to The O. K. Tool Co., Inc. Tool and bit. 3,214,825, 11–2–65, Cl. 29—96.

Williams, Verl E. Automatic oil well pumping and timing device. 3,164,095, 1–5–65, Cl. 103—26.
Williams, Vernon H.: *See*—
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Williams, Victor K.: *See*—
Tucker, Maurice J., and Williams. 3,213,964.
Williams, Virgil C. Space conditioning apparatus. 3,200,607, 8–17–65, Cl. 62—274.
Williams, Walter. Chance selective racing game. 3,214,172, 10–26–65, Cl. 273—86.
Williams, Walter D., to Symons Mfg. Co. Concrete slab form fill-in panel structure and supporting bracket therefor. 3,170,217, 2–23–65, Cl. 25—131.5.
Williams, William A., to T. B. Wood's Sons Co. Variable pitch sheaves having a large number of grooves. 3,200,660, 8–17–65, Cl. 74—230.17.
Williams, William J. Multiple switch speed controlled mechanism. Re. 25,854, 9–7–65, Cl. 200—80.
Williams, William J. Speed responsive switch mechanism for actuating a pair of sequentially operated switches. 3,225,157, 12–21–65, Cl. 200—80.
Williams, William R. Musical instrument mouthpiece. 3,191,483, 6–29–65, Cl. 84—398.
Williams, William T., to Brixite Ltd. Method of moulding cement articles. 3,217,069, 11–9–65, Cl. 264—42.
Williams, Willie. Bumper for baby walkers. 3,183,028, 5–11–65, Cl. 293—62.
Williamsen, Everett J., to Globe-Union Inc. Device for casting battery grids. 3,200,452, 8–17–65, Cl. 22—79.
Williamson, Alan G., to Canadian Breweries Ltd. Method of heating wort. 3,226,235, 12–28–65, Cl. 99—52.
Williamson, Alexander, to General Motors Corp. Cylinder heads for internal combustion engines. 3,221,723, 12–7–65, Cl. 123—41.77.
Williamson, Andrew H., Jr.: *See*—
Smith, Arnold R., and Williamson. 3,173,144.
Williamson, Charles H., and L. Saville, to Fisadco Ltd. Fish-dressing machines. 3,187,375, 6–8–65, Cl. 17—3.
Williamson, Charles S., III. Method of fabricating structures. 3,223,759, 12–14–65, Cl. 264—34.
Williamson, David M:. *See*—
Angus, Ernest T., Shepherd, and Williamson. 3,165,679.
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Williamson, David T. N.: *See*—
Molins, Desmond W., Williamson, and Labbe. 3,309,762.
Williamson, David T. N., to Molins Machine Co. Ltd. Mouthpieces for cigarettes. 3,166,079, 1–19–65, Cl. 131—20.
Williamson, David T. N., to Molins Machine Co. Ltd. Hydraulic systems. 3,168,013, 2–2–65, Cl. 92—112.
Williamson, David T. N., to Molins Machine Co. Ltd. Tool location in automatically controlled machine tools. 3,171,327, 3–2–65, Cl. 90—11.
Williamson, David T. N., and D. W. B. Muir, to Molins Machine Co. Ltd. Manufacture of cigarettes. 3,171,415, 3–2–65, Cl. 131—66.
Williamson, David T. N., C. E. T. Smith, and J. H. Swarbrick, to The Molins Organisation Ltd. Apparatus for gripping a rod-like article. 3,210,088, 10–5–65, Cl. 279—4.
Williamson, Donald E., to Cordis Corp. Optical recording system. 3,197,782, 7–27–65, Cl. 346—109.
Williamson, Eugene F.: *See*—
Parrish, Stanton E., and Williamson. 3,196,188.
Williamson, Floyd M. Adjustable pierce unit. 3,205,742, 9–14–65, Cl. 83—140.
Williamson, Floyd M. Hydraulic system for dies. 3,208,219, 9–28–65, Cl. 60—51.
Williamson, Frank P., and R. C. Bieneman, to Continental Oil Co. Alkylation process. 3,207,800, 9–21–65, Cl. 260—671.
Williamson, George H., to Johns-Manville Corp. Automatic shingle stacker. 3,186,565, 6–1–65, Cl. 214—6.
Williamson, George M. Ring frame traverse device. 3,183,026, 5–11–65, Cl. 287—96.
Williamson, George R.: *See*—
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Williamson, George R., and B. Wright, to Shell Oil Co. Stabilizer combinations of organic phosphites with hydroxy substituted benzophenones or salicylic acid esters for polyolefin compositions. 3,188,298, 6–8–65, Cl. 260—45.85.
Williamson, Glenn E., to Anolytic Systems Co. Handle. 3,197,803, 8–3–65, Cl. 16—111.
Williamson, Harry A.: *See*—
Dusenberry, Charles L., and Williamson. 3,198,974.
Williamson, Herschel M., to Caterpillar Tractor Co. Retaining pin for telescoped parts comprising separate longitudinally bowed sequentially insertable resilient members. 3,175,314, 3–30–65, Cl. 37—142.
Williamson, John, to Drake Engineering, Inc. Lubricator. 3,187,840, 6–8–65, Cl. 184—1.
Williamson, John B.: *See*—
Capp, Clifford W., Godin, Neale, Williamson, and Harris. 3,194,847.
Williamson, John M. Remote reading gauge. 3,217,541, 11–16–65, Cl. 73—321.
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Williamson, Richard B.: *See*—
Williamson, John S., R. B., and J. S. Williamson, Jr. 3,205,111.
Williamson, Robert B., and I. A. De Kramer, to General Railway Signal Co. Car retarder for railroads. 3,164,224, 1–5–65, Cl. 188—62.
Williamson, Robert D., to American Aluminum Co. Metal container having a cap closure. 3,164,287, 1–5–65, Cl. 220—39.
Williamson, Robert L.: *See*—
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Williamson, Roger L. Motor driven reel for kites. 3,202,378, 8–24–65, Cl. 242—84.1.
Williamson, Stanley L.: *See*—
Westby, Benjamin F., and Williamson. 3,208,319.
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Williamson, Thomas B.: *See*—
Imel, Arthur M., Jr., and Williamson. 3,173,834.
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Williamson, Thomas B., and K. Szabo, to Stauffer Chemical Co. Method of controlling fungi by means of an organic disulfide. 3,179,556, 4–20–65, Cl. 167—22.
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Williamson, Travis W. Tire chain assembly. 3,190,337, 6–22–65, Cl. 152—233.
Williamson, William R., to American Machine & Foundry Co. Sea water distillation method and apparatus to provide a superpure distillate. 3,183,174, 5–11–65, Cl. 202—75.
Williamson, William R., to American Machine & Foundry Co. Flash evaporator. 3,186,924, 6–1–65, Cl. 202—173.
Willicks, Winfried: *See*—
Grossteinbeck, Rolf, Schulze, Willicks, Mindermann, and Tepel. 3,200,033.
Williford, Jacob V., and H. B. Ford, said Ford assor. to said Williford. Induction motor starting circuits. 3,201,673, 8–17–65, Cl. 318—221.
Williford, Oscar H.: *See*—
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Williford, Oscar H., to Bell Telephone Laboratories, Inc. Telephone line supervisory circuit. 3,172,958, 3–9–65, Cl. 179—18.
Williford, Oscar H., to Bell Telephone Laboratories, Inc. Multicustomer private branch exchange. 3,180,941, 4–27–65, Cl. 179—27.
Williford, Oscar H., to Bell Telephone Laboratories Inc. Multicustomer private branch exchange. 3,183,307, 5–11–65, Cl. 179—7.
Williford, Oscar H., to Bell Telephone Laboratories, Inc. Multicustomer private branch exchange. 3,215,784, 11–2–65, Cl. 179—27.
Willinger, Allan H., to Aquariums Inc. Water treatment unit. 3,199,678, 8–10–65, Cl. 210—169.
Willinger, Allan H., to Aquariums Inc. Aquarium cleaning device. 3,225,930, 12–28–65, Cl. 210—241.
Willinger, Allan H. and H. W., to Aquarium Inc. Aquarium assembly. 3,225,736, 12–28–65, Cl. 119—5.
Willinger, Harding W.: *See*—
Willinger, Allan H. and H. W. 3,225,736.
Willinger, William G. Single lever control for hydraulic backhoes. 3,214,040, 10–26–65, Cl. 214—138.
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Zatsky, Norman C., and Willis. 3,221,565.
Willis, Arthur B.: *See*—
Curry, Byron V., Jr., and Bonkowski. 3,206,019.
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Willis, Beuford N., and H. W. Grotewold, to FMC Corp. Fruit preparation machine. 3,172,524, 3–9–65, Cl. 198—33.
Willis, Christopher J.: *See*—
Haszeldine, Robert N., and Willis. 3,197,451.
Willis, Claude E. F., to R. W. Crabtree & Sons Ltd. Web renewing mechanism. 3,223,340, 12–14–65, Cl. 242—58.3.
Willis, Dale E.: *See*—
Glenn, James J., Jr., and Willis. 3,195,042.
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Hardesty, Thomas K. C., and Willis. 3,196,424.
Willis, Frank M., to E. I. du Pont de Nemours and Co. Variable orifice extruder die. 3,178,770, 4–20–65, Cl. 18—12.
Willis, Glen R.: *See*—
Dills, Ralph S., Lock, Phares, Schleede, and Willis. 3,211,268.
Willis, Grant N., to The American Mfg. Co., Inc. Crimping device for strapping material operating both during instroke and outstroke of the handles. 3,200,675, 8–17–65, Cl. 81—9.1.
Willis, Grant N., to American Mfg. Co., Inc. Mechanical apparatus. 3,205,916, 9–14–65, Cl. 140—93.2.
Willis, Harold W.: *See*—
Cooley, Farris W., and Willis. 3,216,696.
Willis, Hector F.: *See*—
Voglis, Gregory M., and Willis. 3,185,956.
Voglis, Gregory M., and Willis. 3,202,961.

Willis, John A., and I. C. Courson, to Philco Corp. Refrigerator tray and cover support. 3,178,249, 4–13–65, Cl. 312—350.

Willis, John D., and C. S. Crowell; said Willis assor. to said Crowell. Stabilized cartons. 3,224,660, 12–21–65, Cl. 229—S.

Willis, Julian G., Jr., and S. E. Howard. Retaining clip for headed fasteners. 3,189,077, 6–15–65, Cl. 151—69.

Willis, Lester C. Water evaporator for automobile air conditioner. 3,199,307, 8–10–65, Cl. 62—241.

Willis, N. Elizabeth: *See*—
Willis, Robert S. 3,207,181.
Willis, Robert S., and Baker. 3,198,207.
Willis, Robert S., and Baker. 3,203,266.

Willis, Robert S., deceased; N. E. Willis, executrix. Multiple orifice valve. 3,207,181, 9–21–65, Cl. 137—625.31.

Willis, Robert S., deceased (N. E. Willis, executrix), and W. J. Baker; said Baker assor. to said Willis. Fluid pressure controlled shut-off valve responsive to predetermined line pressures. 3,198,207, 8–3–65, Cl. 137—458.

Willis, Robert S., deceased (N. E. Willis, executrix), and W. J. Baker; said Baker assor. to said Willis. Valve mechanisms. 3,203,266, 8–31–65, Cl. 74—128.

Willis, Roy L.: *See*—
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Willis, Thomas G.: *See*—
Keller, William A., and Willis. 3,183,408.

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Willis, Wilbur N.: *See*—
Raduns, Solomon B., and Willis. 3,175,269.

Willis, William B.: *See*—
Dotson, Cleao R., and Willis. 3,181,485.

Willis, William M., to Purolator Products, Inc. Differential pressure indicator. 3,212,471, 10–19–65, Cl. 116—70.

Willis, William M., to Aeroquip Corp. One piece sheet metal trunnion (T-bolt). 3,224,400, 12–21–65, Cl. 113—116.

Willis, William M., and A. S. Lindsey, to Aeroquip Corp. High speed dynamic fluid pump. 3,180,268, 4–27–65, Cl. 103—87.

Willison, Donald: *See*—
De Penti, Kenneth L., and Willison. 3,164,266.

Willison, Donald, to National Castings Co. Compensating draft gear. 3,185,317, 5–25–65, Cl. 213—45.

Willison, Donald, to National Castings Co. Railway coupler aligning apparatus. 3,197,037, 7–27–65, Cl. 213—21.

Williston, Samuel H., to Cordero Mining Co. Ultra-violet radiation absorption analysis apparatus for the detection of mercury vapor in a gas. 3,178,572, 4–13–65, Cl. 250—43.5.

Williston, Samuel H., and M. H. Morris, to Cordero Mining Co. Method and apparatus for measurement of mercury vapor. 3,173,016, 3–9–65, Cl. 250—218.

Willits, Charles O.: *See*—
Wasserman, Aaron E., and Willits. 3,205,076.

Willits, George W., Jr. Flexible, perforated display or storage panels. 3,191,777, 6–29–65, Cl. 211—87.

Willits, George W., Jr. Metering valve structure. 3,224,650, 12–21–65, Cl. 222—207.

Willits, Samuel P., and W. L. Mohan, Jr., to Spartanics, Ltd. Conveying apparatus. 3,220,569, 11–30–65, Cl. 214—6.

Willman, Bertram T.: *See*—
Kiel, Othar M., Valleroy, and Willman. 3,193,007.
Ortloff, John E., McReynolds, and Willman. 3,220,479.

Willman, Bertram T., to Jersey Production Research Co. In-situ combustion process. 3,170,515, 2–23–65, Cl. 166—11.

Willman, Bertram T., to Jersey Production Research Co. Cross flow thermal oil recovery process. 3,180,413, 4–27–65, Cl. 166—11.

Willman, Bertram T., to Esso Production Research Co. Method for sealing off porous subterranean formations and for improving conformance of in-situ combustion. 3,198,249, 8–3–65, Cl. 166—4.

Willman, Bertram T., to Esso Production Research Co. Pressure maintenance for gas sands. 3,215,198, 11–2–65, Cl. 166—9.

Willman, Philip E.: *See*—
Gomersall, John R. and F., Ireland, and Willman. 3,170,674.
Olson, Henry L., and Willman. 3,179,277.
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Willman, Philip E., to McGraw-Edison Co. Jet steam iron. 3,165,843, 1–19–65, Cl. 38—77.

Willmann, Donald F.: *See*—
Wallbrech, Edward C., Willmann, and Wood. 3,214,984.

Willmon, L. D., to Long-Lok Corp. Method of forming a screw with a slot in the shank. 3,200,422, 8–17–65, Cl. 10—10.

Willmore, Patrick L., and D. V. Connell, to Hilger & Watts Ltd. Variable oscillation period seismometers. 3,199,072, 8–3–65, Cl. 340—17.

Willmund, Wolf-Dieter, and H. Krings, to Dehydag Deutsche Hydrienwerke G.m.b.H. Aminoalkanesulfonic acids. 3,196,173, 7–20–65, Cl. 260—501.

Willmund, Wolf-Dieter, G. Michael, and A. Kirstahler, to Dehydag, Deutsche Hydriewerke G.m.b.H. Acid metal electroplating bath containing an organic sulfonic acid-thiourea-dithiocarbamic acid reaction product. 3,203,878, 8–31–65, Cl. 204—52.

Willock, James T., to General Foods Corp. Rice process. 3,164,475, 1–5–65, Cl. 99—80.

Willoner, Gideon: *See*—
Herrero, Jose L., Willoner, and Weeks. 3,193,775.

Willoughby, Francis E., to Willoughby Mfg. Co. Insulated electric fence wire structure. 3,223,796, 12–14–65, Cl. 200—61.41.

Willoughby, John T., and H. P. Silverman, to Record Vending Machines, Inc. Record vending machine. 3,184,105, 5–18–65, Cl. 221—129.

Willoughby Mfg. Co.: *See*—
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Willoughby, Victor A., to Eastman Kodak Co. System for co-ordinating synchronizing signals. 3,184,581, 5–18–65, Cl. 235—61.11.

Willow, Bernard F.: *See*—
Gottsegen, Ronald B., Willow, and Winstone. 3,185,342.

Wills, Andrew Jr.: *See*—
Di Russo, Joseph C., and Wills. 3,174,020.

Wills, Leonard A. Sanitary sipping-straw dispenser. 3,164,297, 1–5–65, Cl. 221—202.

Wills, Leonard A. Sanitary sipping-straw dispenser. 3,203,600, 8–31–65, Cl. 221—200.

Wills, Lowell E.: *See*—
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Wills, Marvin. Precision vise. 3,223,407, 12–14–65, Cl. 269—240.

Wills, William R.: *See*—
West, John B., and Wills. 3,181,728.

Wills, William T., Jr., to Amsted Industries Inc. Quick change tool holder. 3,224,304, 12–21–65, Cl. 82—36.

Willsea, Jasper. Transfer mechanism. Re. 25,889, 10–26–65, Cl. 214—1.

Willsey, George P.: *See*—
Fancher, Llewellyn W., and Willsey. 3,170,942.

Willsey, George P., Jr.: *See*—
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Willshaw, Philip J. S., to The Diversey Corp. Dispensing device. 3,184,123, 5–18–65, Cl. 222—321.

Willson, Corwin D. Tour cars of station wagon type. 3,165,350, 1–12–65, Cl. 296—23.

Willson, Corwin D. Automotive domestic ensembles. 3,175,856, 3–30–65, Cl. 296—23.

Willson, James R., to Robertshaw Controls Co. Thermostatic control and timer clearing system. 3,193,200, 7–6–65, Cl. 236—46.

Willson, Philip J., J. E. Cserr, and J. C. Graham, to Chrysler Corp. Ignition distributor cap. 3,217,113, 11–9–65, Cl. 200—19.

Willutzki, Kurt. High tension impulse transformer. 3,195,020, 7–13–65, Cl. 317—157.62.

Willy, John, to Specialty Converters, Inc. Reinforced foam in sheet form. 3,172,072, 3–2–65, Cl. 338—210.

Willy, John, to Specialty Converters, Inc. Method of applying foam to fabric. 3,219,502, 11–23–65, Cl. 156—79.

Willyard, Charles H., to Motorola, Inc. Traffic signal control system. 3,175,183, 3–23–65, Cl. 340—41.

Willyard, Charles H., and J. C. Reis, to Motorola, Inc. Clock and program time comparing device with time difference indication for several stages. 3,175,187, 3–23–65, Cl. 340—146.2.

Willyard, Charles H., and J. W. Fink, to Motorola, Inc. Random sequence switching system with lockout means. 3,175,189, 3–23–65, Cl. 340—147.

Willyard, Charles H., M. Cooper, and C. W. Turek, to Motorola, Inc. Traffic signal synchronizing system. 3,175,193, 3–23–65, Cl. 340—171.

Willyard, Roger A., and C. E. Adler, to Toledo Scale Corp. Selector. 3,168,980, 2–9–65, Cl. 235—1.

Willyoung, David M., to General Electric Co. Coil-to-coil connections for dynamoelectric machine rotor winding. 3,176,176, 3–30–65, Cl. 310—208.

Willyoung, David M., to General Electric Co. Dynamoelectric machine rotor cooling. 3,189,769, 6–15–65, Cl. 310—52.

Wilm, August L. M.: *See*—
Esser, Wilhelm C. J., and Wilm. 3,223,961.

Wilmarth, Robert W., to International Telephone and Telegraph Corp. Backward wave converter tube with double conversion including a frequency control loop. 3,176,232, 3–30–65, Cl. 325—447.

Wilmer, Edgar A., Jr., to AMP Inc. Terminal assembly for heating panel or the like. 3,214,722, 10–26–65, Cl. 339—95.

Wilmer, Rudolph H.: *See*—
Machingo, William J., and Wilmer. 3,219,404.

Wilmes, Ernest, to Atlas Industriewagen G.m.b.H. Battery operated industrial truck. 3,208,222, 9–28–65, Cl. 660—53.

Wilmeth, John B., ½ to A. R. Brownfield, Jr., executor of the estate of A. R. Brownfield, deceased. Automatic bale weight control unit. 3,220,500, 11–30–65, Cl. 177—209.

Wilmington Trust Co.: *See*—
Warner, Irving. 3,165,380.

Willmot-Breeden Ltd.: *See*—
Burridge, Anthony A. 3,219,335.
Fowler, Peter M., and Joy. 3,188,045.
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Wilmoth, Harry L.: *See*—
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Wilmoth, John H. and H. L. 3,224,120.

Wilmoth, John H. and H. L. Earth moving scraper. 3,224,119, 12–21–65, Cl. 37—9.

Wilmoth, John H. and H. L. Mobile elevating loader. 3,224,120, 12–21–65, Cl. 37—9.

Willmott, Kenneth N. K., and M. R. Farrell, to Associated Electrical Industries Ltd. Method of preparing indirectly heated cathodes. 3,216,856, 11–9–65, Cl. 117—222.
Wilmotte, Raymond M. Photosensitive counter circuit of the binary scaler type. 3,191,041, 6–22–65, Cl. 250—209.
Wilmotte, Raymond M. Photosensitive counter circuit of the binary scaler type. 3,191,042, 6–22–65, Cl. 250—209.
Wilmotte, Raymond M. Photosensitive pulse counter chain. 3,191,043, 6–22–65, Cl. 250—209.
Wilmotte, Raymond M. Photosensitive counter of the binary scaler type. 3,191,044, 6–22–65, Cl. 250—209.
Wilmotte, Raymond M. Optical processing of information. 3,205,495, 9–7–65, Cl. 343—11.
Wilmotte, Raymond M. Measuring system for comparing unknown and reference A.C. signals and detecting rate of change of phase of resultant. 3,219,928, 11–23–65, Cl. 324—99.
Wilmotte, Raymond M., and R. L. Carnine, said Carnine, assor. to R. M. Wilmotte. Photosensitive multivibrator circuits. 3,214,592, 10–26–65, Cl. 250—209.
Wilmsmann, Hermann, to Wella A.G. Hair dye comprising m-lower-dialkyl aminophenol and p-mononuclear diamines. 3,216,899, 11–9–65, Cl. 167—88.
Wilmsmann, Hermann, and E. Konrad; said Konrad assor. to said Wilmsmann. Treatment of proteinaceous materials with pyruvic acid or glyoxylic acid to remove peroxides. 3,218,234, 11–16–65, Cl. 167—87.
Wilner Metallwaren- und Schnallenfabrik: *See*—
Hatlapa, Rolf. 3,186,727.
Wiloth, Fritz, and E. Sommer, to Vereinigte Glanzstoff-Fabriken A.G. Triamino-triazoles and their production. 3,222,375, 12–7–65, Cl. 260—308.
Wilsher, Rudolph S., E. Tornqvist, and M. Lynn, to Esso Research and Engineering Co. Polymerization catalyst for alpha olefins consisting of a group VIIb compound, a group IIIa or Va metal halide compound and an organo metal compound. 3,223,690, 12–14–65, Cl. 260—93.5.
Wilshin, Frank W., J. F. Brown, and H. R. W. Marsh, to Masson Scott & Co. Ltd. Cutting device having means responsive to the product to disengage work-feed. 3,183,748, 5–18–65, Cl. 83—61.
Wilsmann, Wilhelm, and K. Meis, to Westfalia Separator A.G. Apparatus for the sterilization of liquids. 3,217,982, 11–16–65, Cl. 233—47.
Wilson, Albert B., and E. P. Weaver, to Harbison-Walker Refractories Co. Refractory practices. 3,215,546, 11–2–65, Cl. 106—56.
Wilson, Albert H., Jr.: *See*—
Vaughen, John V., and Wilson. 3,192,084.
Wilson, Alec F.: *See*—
Tawn, Alec R. H., and Wilson. 3,178,302.
Wilson, Alexander J., and G. E. Thompson, to Girling Ltd. Self-energizing spreading type disc brake. 3,204,727, 9–7–65, Cl. 188—72.
Wilson, Alexander T., and D. A. McCaulay, to Standard Oil Co. Irradiation conversion of paraffins. 3,177,132, 4–6–65, Cl. 204—154.
Wilson, Alfred E.: *See*—
Gaare, Melvin A. 3,168,171.
Wilson, Allen B. Method of producing relatively-calm water area. 3,221,503, 12–7–65, Cl. 61—6.
Wilson, Armin G., L. Weintraub, and D. M. Kennedy, to Bristol-Myers Co. Amino-ketones and their method of preparation. 3,182,084, 5–4–65, Cl. 260—570.5.
Wilson, Arthur O., ½ to N. Gust. Jaws for a vise. 3,223,405, 12–14–65, Cl. 269—137.
Wilson, Arthur W., Sr.: *See*—
Kuckoff, John C. 3,207,470.
Wilson, Asbury I. Compact rain shelter. 3,186,421, 6–1–65, Cl. 135—20.
Wilson Athletic Goods Mfg. Co., Inc.: *See*—
Baker, Chester D., and Havey. 3,172,667.
Groot, John K. 3,183,522.
Wilson, Aubrey: *See*—
Euling, Terence M., Phipps, and Wilson. 3,218,380.
Wilson, Aubrey B., Jr. Sailboat. 3,223,065, 12–14–65, Cl. 114—39.
Wilson, Barrie L.: *See*—
Mason, Richard O., Wilson, and Dickmeyer. 3,214,185.
Wilson, Basil L. Adjustable column speaker enclosure. 3,207,257, 9–21–65, Cl. 181—31.
Wilson, Bernard: *See*—
Griffith, George W. S., and Wilson. 3,189,792.
Wilson, Bernard H., to Phelps Dodge Copper Products Corp. Oxygen-free copper base alloy containing chromium and cadmium. 3,172,762, 3–9–65, Cl. 75—153.
Wilson, Billy F., to Dresser Industries, Inc. Method and apparatus for directional tubing perforation. 3,175,608, 3–30–65, Cl. 166—4.
Wilson, Billy W., to The Dow Chemical Co. Polymerization of alkylenimines. 3,203,910, 8–31–65, Cl. 260—2.
Wilson, Burton D., to Eastman Kodak Co. Photographic emulsions containing cyclic ketone sensitizers. 3,165,410, 1–12–65, Cl. 96—107.
Wilson, Burton D., and T. F. Murray, to Eastman Kodak Co. Photographic emulsions containing delta-polycarbonyl sensitizers. 3,201,253, 8–17–65, Cl. 96—107.
Wilson, Byron R.: *See*—
Phillips, Paul B., and Wilson. 3,169,731.
Wilson, C. J., 50% to J. V. Wilson. Fishing tackle bag. 3,181,751, 5–4–65, Cl. 224—5.20.
Wilson, Charles A., to Honeywell Inc. Snap-acting and modulating valve. 3,190,555, 6–22–65, Cl. 236—48.
Wilson, Charles E.: *See*—
Laws, Ira G., and Wilson. 3,181,785.
Wilson, Charles G., Sr., to United States Steel Corp. Space heater. 3,185,143, 5–25–65, Cl. 126—91.
Wilson, Charles O.: *See*—
Berge, Ralph I., Cistola, and Wilson. 3,164,749.
Wilson, Charles R., to Caterpillar Tractor Co. Variable hole circle drill head. 3,203,282, 8–31–65, Cl. 77—23.
Wilson, Charles S. Hollow spray atomizing head having a knife edge construction. 3,191,866, 6–29–65, Cl. 239—171.
Wilson, Charles V.: *See*—
De Palma, James J., Schiano, and Wilson. 3,220,952.
Wilson, Christian. Serving tray for automobiles. 3,202,116, 8–24–65, Cl. 108—46.
Wilson, Christopher L. Wettable polyurethane sponge. 3,224,899, 12–21–65, Cl. 117—98.
Wilson, Christopher L., and O. Shuffman, to Hudson Foam Plastics Corp. Foamed polyester resin laminated products and method of making same. 3,170,832, 2–23–65, Cl. 161—119.
Wilson & Co., Inc.: *See*—
Garapolo, Orlando. 3,200,865.
Melcer, Irving, and Hansa. 3,168,448.
Wilson, David S., to Carrier Corp. Vibration isolation system. 3,169,737, 2–16–65, Cl. 248—18.
Wilson, Delbert E.: *See*—
Grainger, William G., and Wilson. 3,181,227.
Wilson, Donald J., and E. N. Lorenzen, to Protex Industries Inc. Device for dispensing metered quantities of liquid. 3,189,233, 6–15–65, Cl. 222—440.
Wilson, Donald R., to Pacific Plantronics, Inc. Acoustic apparatus. 3,168,934, 2–9–65, Cl. 181—31.
Wilson, Douglas G., to General Motors Corp. Transistor oscillator inverter with series load in feedback circuit. 3,164,786, 1–5–65, Cl. 331—113.
Wilson, Douglas G., to General Motors Corp. Retentive memory bistable multivibrator circuit with preferred starting means. 3,214,606, 10–26–65, Cl. 307—88.5.
Wilson, E. Milton, to Aerojet-General Corp. Method of separating oxygen from air. 3,164,454, 1–5–65, Cl. 55—68.
Wilson, Earl M.: *See*—
Marks, Eugene A., Mowry, Sperling, and Wilson. 3,172,069.
Wilson, Earl W., and J. E. Hutchins, to Eastman Kodak Co. Tin salts catalysts for polyesterification process. 3,194,791, 7–13–65, Cl. 260—75.
Wilson, Edgar D. Bending tool. 3,174,517, 3–23–65, Cl. 140—123.
Wilson, Edward B., to The Barlow Corp. Pipe joint. 3,204,989, 9–7–65, Cl. 285—50.
Wilson, Edward D. Electrically ignited gas torch. 3,220,459, 11–30–65, Cl. 158—27.4.
Wilson, Edward E.: *See*—
Smith, Burton F. B., and Wilson. 3,204,380.
Wilson, Eric J., A. A. Briggs, and B. J. Pinder, to English Steel Corp. Ltd. Automatic couplers for rail vehicles. 3,211,298, 10–12–65, Cl. 213—100.
Wilson, Ernest V., and H. W. Rudel, to Esso Research and Engineering Co. High temperature stabilizing lubricant additive. 3,184,408, 5–18–65, Cl. 252—32.7.
Wilson, Farris H., Jr., to The Goodyear Tire & Rubber Co. Process for preparing N-phenethyl-N'-phenyl-phenylene diamines. 3,183,268, 5–11–65, Cl. 260—570.8.
Wilson, Frank R., to Parker-Hannifin Corp. Pinch-off and re-rounding tool or the like. 3,172,454, 3–9–65, Cl. 153—79.
Wilson, Frank R., to Parker-Hannifin Corp. Flaring tool. 3,191,420, 6–29–65, Cl. 72—317.
Wilson, Frank R., to Parker-Hannifin Corp. Tube flaring tool. 3,209,571, 10–5–65, Cl. 72—124.
Wilson, Frank R., to Parker-Hannifin Corp. Double-flare die for tube flaring tool. 3,218,837, 11–23–65, Cl. 72—317.
Wilson, George A.: *See*—
Pokorny, Frank J., and Wilson. 3,223,799.
Wilson, George A., and F. J. Pokorny, to I-T-E Circuit Breaker Co. Unitary lead support molding including and integral chamber for puffer, buffer assembly. 3,215,805, 11–2–65, Cl. 200—148.
Wilson, Gerald G., and H. W. O'Haver. Magnetic bell nipple. 3,187,238, 6–1–65, Cl. 317—163.
Wilson, Glenn C. Carrying handles. 3,207,397, 9–21–65, Cl. 224—45.
Wilson, Glenn R., to Monsanto Research Corp. Organotin polymers. 3,184,430, 5–18–65, Cl. 260—47.
Wilson, Glenn R., to Monsanto Research Corp. Bis[dihydrocarbyl(pentachlorophenoxy)tin] oxides. 3,213,119, 10–19–65, Cl. 260—429.7.
Wilson, Glenn R., to Monsanto Research Corp. Lubricant composition containing a halophenol. 3,226,325, 12–28–65, Cl. 252—54.
Wilson, Glenn R., and J. R. Stemniski, to Monsanto Research Corp. Polyphenyl ethers containing an extreme pressure additive. 3,189,548, 6–15–65, Cl. 252—51.5.
Wilson, Gordon A., Jr.: *See*—
Swoish, William R., and Wilson. 3,175,148.
Wilson, Gordon A., Jr., to McGraw-Edison Co. Movable switch contact assembly with self-aligning bridging plate members. 3,192,328, 6–29–65, Cl. 200—11.
Wilson, Gordon A., Jr., to McGraw-Edison Co. Tap changing furnace transformer. 3,204,176, 8–31–65, Cl. 323—43.5.
Wilson, Grant J. Vented filling device. 3,205,923, 9–14–65, Cl. 141—291.

Wilson, Harold F., and C. E. Glassick, to Rohm & Haas Co. Diazadiphosphetidinium salts. 3,187,040, 6–1–65, Cl. 260—551.
Wilson, Harold K. Clamp. 3,175,262, 3–30–65, Cl. 24—16.
Wilson, Harold P.: *See*—
Mason, Ralph E., and Wilson. 3,172,724.
Swanson, Leonard E., and Wilson. 3,168,477.
Wilson, Harold W., to Wilson Laboratories, Inc. Process for making a soil fertilizing and soil buffering product. 3,201,-222, 8–17–65, Cl. 71—45.
Wilson, Harry B. Game score display device. 3,220,127, 11–30–65, Cl. 40—102.
Wilson, Harry B., to Laporte Titanium Ltd. Manufacture of aluminum chloride. 3,222,127, 12–7–65, Cl. 23—93.
Wilson, Harry C. Magnetic catch assembly. 3,174,786, 3–23–65, Cl. 292—251.5.
Wilson, Harry H., Jr.: *See*—
Creamer, Edgar M., Jr., and Wilson. 3,193,706.
Wilson, Harry H., Jr., and A. Hopengarten, to Philco Corp. F.M. sum and difference stereo receiver having compensation means. 3,226,481, 12–28–65, Cl. 179—15.
Wilson, Harry W. Garment hanger having slip preventing means. 3,168,970, 2–9–65, Cl. 223—92.
Wilson, Henry A. Hand held and operated reel. 3,169,723, 2–16–65, Cl. 242—96.
Wilson, Henry A. Reduced friction hull construction for power boats. 3,191,572, 6–29–65, Cl. 115—16.
Wilson, Henry A. Centrifugal free line projecting pole and line guide therefor. 3,210,881, 10–12–65, Cl. 43—24.
Wilson, Henry B., and A. W. Mickel, to Kaumagraph Co. Method and apparatus for composing music copy. 3,169,-458, 2–16–65, Cl. 95—4.5.
Wilson, Homer M. Folding sawhorse. 3,198,286, 8–3–65, Cl. 182—155.
Wilson, Howard W., to Gift Stars, Inc. Coded coupon. 3,211,470, 10–12–65, Cl. 283—18.
Wilson, Hugh W.: *See*—
Wright, Jerauld G., and Wilson. 3,178,682.
Wilson, Ian, to The British Iron and Steel Research Association. Cantilever rolling mill. 3,190,098, 6–22–65, Cl. 72—223.
Wilson, J. G., Corp., The: *See*—
Zoll, Maurice B., and Stallings. 3,188,698.
Wilson, Jack O.: *See*—
Hewes, Ellsworth D., Tilly, and Wilson. 3,220,275.
Wilson, James A.: *See*—
Herbst, Walter A., Weeks, and Wilson. 3,185,201.
Young, John C., O'Connor, Lang, and Wilson. 3,200,873.
Wilson, James C., and A. W. Zemek, to Universal Instruments Corp. Machine for processing electrical components. 3,186,447, 6–1–65, Cl. 140—147.
Wilson, James C., to Owens-Illinois Glass Co. Self-locking closure. 3,203,619, 8–31–65, Cl. 229—43.
Wilson, James D., to Banner Metals, Inc. Receptacle. 3,219,-232, 11–23–65, Cl. 220—97.
Wilson, James N., and E. Y. Chow, to United States of America, Army. Fastening device for missile components. 3,196,995, 7–27–65, Cl. 189—36.
Wilson, James W.: *See*—
Hoover, John R. E., and Wilson. 3,196,151.
Wilson, Joe L.: *See*—
Coffman, Nellie V., and Wilson. 3,192,537.
Wilson, John A., to Fahralloy Canada Ltd. Slusher scraper structure. 3,164,914, 1–12–65, Cl. 37—147.
Wilson, John B., to Reynolds Metals Co. Container closing machine. 3,173,394, 3–16–65, Cl. 113—30.
Wilson, John B., to Reynolds Metals Co. Container dispensing means and parts therefor or the like. 3,195,788, 7–20–65, Cl. 222—399.
Wilson, John C., to Dresser Industries, Inc. Combination logging system. 3,186,223, 6–1–65, Cl. 73—152.
Wilson, John C., to Dresser Industries, Inc. Combination logging system and method. 3,221,548, 12–7–65, Cl. 73—152.
Wilson, John F.: *See*—
Potthoff, Robert E., and Wilson. 3,164,991.
Wilson, John H. Fluid driven pipe rotating device for rotary drilling. 3,191,450, 6–29–65, Cl. 74—219.
Wilson, John H., N. E. Vogt, and V. K. Sahakian. Jogging device. 3,223,410, 12–14–65, Cl. 271—89.
Wilson, John H., Jr., to Socony Mobil Oil Co. Method for controlling insects with organo-phosphorus compounds. 3,210,244, 10–5–65, Cl. 167—22.
Wilson, John L.: *See*—
Watson, Robert P., and Wilson. 3,215,884.
Wilson, John L., Jr., to Selas Corp. of America. Pipe forming. 3,189,992, 6–22–65, Cl. 29—477.7.
Wilson, John V.: *See*—
Wilson, C. J. 3,181,751.
Wilson, John W., to Superflexit Ltd. Locking means. 3,207,535, 9–21–65, Cl. 285—86.
Wilson, Joseph E.: *See*—
Greth, Gerald G., and Wilson. 3,226,375.
Wilson, Joseph F., to Phillips Petroleum Co. Reducing the caking of sulfonated asphalt. 3,173,800, 3–16–65, Cl. 106—274.
Wilson, Joseph F., to Phillips Petroleum Co. Coated ammonium nitrate compositions of improved storage stability. 3,190,774, 6–22–65, Cl. 149—7.
Wilson, Joseph F., to Phillips Petroleum Co. Storage stability of ammonium nitrate. 3,223,478, 12–14–65, Cl. 23—103.
Wilson, Joseph F., J. C. Hillyer, and V. C. Vives, to Phillips Petroleum Co. Reducing the caking of nitrogen-containing salts. 3,201,354, 8–17–65, Cl. 252—383.
Wilson, Kenneth R. A., to Irving Air Chute Co., Inc. Parachute. 3,195,842, 7–20–65, Cl. 244—145.
Wilson, Kenneth T. and K. T. Wilson, Jr. Fluid-tight flexible support, seal and kit. 3,169,014, 2–9–65, Cl. 259—107.
Wilson, Kenneth T., Jr.: *See*—
Wilson, Kenneth T. and K. T. Wilson, Jr. 3,169,014.
Wilson Laboratories, Inc.: *See*—
Wilson, Harold W. 3,201,222.
Wilson, La Roy A. Snow removal equipment. 3,174,477, 3–23–65, Cl. 126—271.2.
Wilson, Lawrence A.: *See*—
Nielsen, Glen F., Wilson, and Rex. 3,207,505.
Wilson, Lawrence F., to Lapp Insulator Co., Inc. Pump. 3,194,167, 7–13–65, Cl. 103—132.
Wilson, Lawrence F., and V. H. Leipold, to Lapp Insulator Co., Inc. Fluid transport device. 3,216,360, 11–9–65, Cl. 103—44.
Wilson, Lee, to Lee Wilson Engineering Co., Inc. Regenerative furnace. 3,184,225, 5–18–65, Cl. 263—36.
Wilson, Lee, Engineering Co., Inc.: *See*—
Blackman, Calvin C. 3,183,888.
Blackman, Calvin C., Sims, and Jelinek. 3,218,000.
Sims, John J., and Tengler. 3,179,394.
Wilson, Lee. 3,184,225.
Wilson, Leslie D.: *See*—
Heisler, Lloyd H., and Wilson. 3,191,174.
Wilson, Leslie F., and N. Hopkins, to Johnson, Matthey & Co. Ltd. Electrodeposition of platinum or palladium. 3,206,382, 9–14–65, Cl. 204—47.
Wilson, Lloyd E. Adjustable cartridge case gage. 3,209,461, 10–5–65, Cl. 33—174.
Wilson, Louis A. Taxi control systems. 3,177,967, 4–13–65, Cl. 180—82.
Wilson, Melvin N., Jr.: *See*—
Webb, James E. 3,187,583.
Wilson, Meredith W., to United States of America, Navy. Digital vernier torquemeter. 3,194,065, 7–13–65, Cl. 73—136.
Wilson, Merlin C. Door operating mechanism. 3,172,651, 3–9–65, Cl. 268—53.
Wilson, Merrideth D.: *See*—
Mikina, Stanley J., and Wilson. 3,213,237.
Mikina, Stanley J., and Wilson. 3,213,333.
Wilson, Merton C., and C. P. Spaulding, to Datex Corp. Digital translating circuits. 3,171,117, 2–23–65, Cl. 340—347.
Wilson, Myron S., to General Electric Co. Multirange hook-on meter using selectively actuated shorted turn for range changing. 3,213,365, 10–19–65, Cl. 324—115.
Wilson, Newton R., to Phillips Petroleum Co. Top edge-opening rectangular bag and process of using same. 3,204,856, 9–7–65, Cl. 229—53.
Wilson, Norman A., to Morgan Construction Co. Automatic tail end cropping device. 3,165,020, 1–12–65, Cl. 83—362.
Wilson, Norman A., to Morgan Construction Co. Automatic temperature regulating system. 3,212,309, 10–19–65, Cl. 72—8.
Wilson, Norman E., to The Puro Co., Inc. Toilet bowl deodorizers. 3,217,338, 11–16–65, Cl. 4—231.
Wilson, O. C., Jr.: *See*—
Pogue, Barney E., Jr., and Wilson. 3,188,729.
Wilson, Ora E. Internal combustion engine. 3,182,645, 5–11–65, Cl. 123—76.
Wilson, Porter C., and N. C. Adams. Adjustable and reversible sport identification. 3,167,782, 2–2–65, Cl. 2—1.
Wilson, Quitman L. Artist's box, easel and table. 3,202,471, 8–24–65, Cl. 312—231.
Wilson, R. Carr: *See*—
Kapp, Benjamin, and Wilson. 3,225,695.
Wilson, Raymond H., Jr. Method and apparatus for magnetic steering. 3,190,581, 6–22–65, Cl. 244—1.
Wilson, Raymond O., to Olympic Screw & Rivet Corp. Burring mechanism for screw-slotting machines. 3,165,765, 1–19–65, Cl. 10—6.
Wilson, Raymond T., and A. M. Goodman. Safety device for hydraulic brake devices. 3,224,816, 12–21–65, Cl. 303—84.
Wilson, Richard C. Saw positioning and guide device. 3,171,-451, 3–2–65, Cl. 143—6.
Wilson, Richard L., to Westinghouse Air Brake Co. Diaphragm and method of making. 3,173,342, 3–16–65, Cl. 92—103.
Wilson, Richard L., to Westinghouse Air Brake Co. Continual quick service valve device. 3,175,871, 3–30–65, Cl. 303—82.
Wilson, Richmond W., to Corning Glass Works. Tube drawing. 3,190,739, 6–22–65, Cl. 65—85.
Wilson, Robert C., Jr.: *See*—
Cramer, Robert H., Houser, Schwartz, and Wilson. 3,193,511.
Wilson, Robert G.: *See*—
Payne, Robert L., and Wilson. 3,212,822.
Wilson, Robert G. Oven with circulation of heated air. 3,214,566, 10–26–65, Cl. 219—400.
Wilson, Robert G. Automatic control system for navigating a vehicle toward an isolated reference point. 3,226,057, 12–28–65, Cl. 244—14.
Wilson, Robert J.: *See*—
Turner, John R., and Wilson. 3,177,790.
Wilson, Robert K., to Bennett Respiration Products, Inc. Electrically controlled resuscitator apparatus. 3,191,595, 6–29–65, Cl. 128—29.

Wilson, Robert M., to Dare Products, Inc. Float valve assembly. 3,176,707, 4–6–65, Cl. 137—315.
Wilson, Robert M., to Dare Products, Inc. Ski rope and reel assembly. 3,208,586, 9–28–65, Cl. 206—53.
Wilson, Robert M., to Dare Products, Inc. Spool of wire and method of releasably anchoring said wire to said spool. 3,214,114, 10–26–65, Cl. 242—164.
Wilson, Robert M., to Dare Products, Inc. Electric fence post assembly having a special form of insulator and post. 3,214,141, 10–26–65, Cl. 256—10.
Wilson, Robert O., to Thomas J. Lipton, Inc. Process for the purification of natural gums. 3,226,378, 12–28–65, Cl. 260—209.
Wilson, Ronald H. Hydraulic transmission systems. 3,206,931, 9–21–65, Cl. 60—53.
Wilson, Ross B., and C. William Bowers. Photographic film cropping device. 3,203,334, 8–31–65, Cl. 95—79.
Wilson, Roy D., to The National Cash Register Co. Remote indicating apparatus. 3,179,335, 4–20–65, Cl. 235—23.
Wilson, Roy K., to The Greif Bros. Cooperage Corp. Box. 3,195,798, 7–20–65, Cl. 229—37.
Wilson, Rufus W.: *See*—
Wald, John R., Jr., Wilson, and Bagshaw. 3,168,412.
Wilson, Samuel G., M. P. Olson, and D. E. Tweet, to Cargill, Inc. Coating vehicle. 3,192,061, 6–29–65, Cl. 106—252.
Wilson, Stanley L.: *See*—
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Wilson, Stanley L., to Union Carbide Corp. Cryogenic fluid transfer system. 3,206,939, 9–21–65, Cl. 62—55.
Wilson, Thomas L., and W. H. Hickok, to Chemetron Corp. High frequency heating system. 3,188,442, 6–8–65, Cl. 219—10.75.
Wilson, Vernon D.: *See*—
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Wilson, W. M., Co., Inc.: *See*—
Wilson, Warren M. 3,183,966.
Wilson, Wallace D., to Elastic Stop Nut Corp. of America. Snap-action electric switch. 3,185,786, 5–25–65, Cl. 200—67.
Wilson, Walter B., Jr., to United States of America, Army. Variable throat nozzle. 3,192,710, 7–6–65, Cl. 60—35.6.
Wilson, Walter B., Jr., to United States of America, Army. Variable thrust and variable direction nozzle. 3,194,014, 7–13–65, Cl. 60—35.55.
Wilson, Walter R., to General Electric Co. Protective arrangement for an electric circuit breaker. 3,168,681, 2–2–65, Cl. 317—9.
Wilson, Warren M., to W. M. Wilson Co., Inc. Control system. 3,183,966, 5–18–65, Cl. 165—32.
Wilson, Warren M. Stop valve and inclined port valve with common operator. 3,200,842, 8–17–65, Cl. 137—614.11.
Wilson, Wendell E., to Cutler-Hammer, Inc. Automatic sequencing selectable read out control for random selection for diversion of items located on a conveyor live storage loop. 3,214,003, 10–26–65, Cl. 198—38.
Wilson, Wilbert M., to George W. Helme Co. Colloidal iodine composition for protection of tobacco against virus and fungus infection. 3,190,794, 6–22–65, Cl. 167—17.
Wilson, Wilbert M., to George W. Heime Co. Method of preparing a colloidal solution of iodine. 3,214,384, 10–26–65, Cl. 252—314.
Wilson, William: *See*—
Clemo, Philip F., Briggs, Wilson, and Carter. 3,185,672.
Wilson, William B., to Shell Oil Co. Hydrocracking process with a catalyst composite comprising silver or copper admixed with a group VIB metal on an acid acting refractory oxide base. 3,200,063, 8–10–65, Cl. 208—111.
Wilson, William B., to R. H. Miller and F. L. Behrends. Integral heavy duty door knob and method of forming the same. 3,200,630, 8–17–65, Cl. 72—254.
Wilson, William B., to National Lock Co. Door lock mechanism. 3,220,231, 11–30–65, Cl. 70—146.
Wilson, William B., to Shell Oil Co. Hydrocracking process employing a catalyst composite of silver intimately associated with an acid-acting refractory oxide support. 3,224,960, 12–21–65, Cl. 208—111.
Wilson, William E., to American Motors Corp. Refrigerating apparatus-single evaporator. 3,212,285, 10–19–65, Cl. 62—186.
Wilson, William G.: *See*—
Harter, Isaac, Jr., and Wilson. 3,200,456.
Wilson, William G., to Resiflex Laboratory. Enema administration unit. 3,207,298, 9–21–65, Cl. 206—175.
Wilson, William G., F. G. Allison, and E. Carroll, to Davy and United Engineering Co. Ltd. Rolling mills roll change. 3,217,526. 11–16–65. Cl. 72—239.
Wilson, William H. Automatic grain bin sampler. 3,192,773, 7–6–65, Cl. 73—425.2.
Wilson, William J.: *See*—
Keeling, Edward J., and Wilson. 3,210,090.
Wilson, William L., to Pittsburgh Plate Glass Co. Production of pigmentary titanium oxide. 3,214,284, 10–26–65, Cl. 106—300.
Wilson, Willie G. Firewood rack. 3,187,901, 6–8–65, Cl. 211—60.
Wilson, Woodrow S., and E. G. Akers, to Polytop Corp. Tube collapsing structure. 3,198,392, 8–3–65, Cl. 222—107.
Wilstein, Leonard L. Instrument flight training hood. 3,225,459, 12–28–65, Cl. 35—12.
Wilt, Loyal R. Movie camera and auto dash mounting means. 3,176,602, 4–6–65, Cl. 95—86.
Wilt 3, Inc.: *See*—
Wilt, Wilmer C., Sr. and W. C. Wilt, Jr. 3,197,079.
Wilt, Wilmer C., Jr.: *See*—
Wilt, Wilmer C., Sr. and W. C. Wilt, Jr. 3,197,079.
Wilt, Wilmer C., Sr. and W. C. Wilt, Jr., to Wilt 3, Inc. Wax distributor for shuffleboard. 3,197,079, 7–27–65, Cl. 222—177.
Wilterdink, Meredith W., and T. F. Hursen, to The Bullard Co. Cable cutter. 3,175,289, 3–30–65, Cl. 30—180.
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Winkler, Otto, and P. Herweg, to Agfa Aktiengesellschaft. Blank, preferably made of cardboard for the make-up of framed pictures or posters. 3,214,855, 11–2–65, Cl. 40—154.
Winkler, Richard, and K. Dunnebier, to Berkley Machine Co. Mechanism for removing waste resulting from cutting window openings in sheet material. 3,186,274, 6–1–65, Cl. 83—103.
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Wollmann, Heinz, to International Standard Electric Corp. Arrangement for adjusting the permanent flux of a magnetizable element. 3,221,311, 11–30–65, Cl. 340—174.
Wollmann, Heinz, T. Grewe, and O. Kolb, to International Standard Electric Corp. Circuit arrangement and a method of adjusting the permanent flux in a magnetizable element. 3,204,224, 8–31–65, Cl. 340—174.
Wolnez, George I., to Aerojet-General Corp. Safety shield for cutting and creasing apparatus. 3,224,314, 12–21–65, Cl. 83—522.
Woloszczuk, Edmund W., to The Marconi Co., Ltd. Series fed log periodic antenna with coplanar conductor pairs. 3,165,-748, 1–12–65, Cl. 343—792.5.
Wolowicz, Richard S., to Container Corp. of America. Bottle carrier. 3,168,963, 2–9–65, Cl. 220—112.
Wolowicz, Richard S., to Container Corp. of America. End loading, top opening, folding carton. 3,184,147, 5–18–65, Cl. 229—51.
Wolowicz, Richard S., and J. A. Warner, to Container Corp. of America. Debowing curved score in carton end wall. 3,201,025, 8–17–65, Cl. 229—34.
Wolowitz, William H. Error-correcting typewriter. 3,204,745, 9–7–65, Cl. 197—91.
Wolowitz, William H. Typewriter with error-correction features. 3,204,746, 9–7–65, Cl. 197—91.
Wolpert, Raymond A., to North American Aviation, Inc. Bubble level cap final figuring. 3,186,101, 6–1–65, Cl. 33—212.
Wolpin, Martin P., B. Smith, Jr., and W. P. Kistler, to Bell Aerospace Corp. Flapper valves. 3,209,782, 10–5–65, Cl. 137—625.62.
Wolstein, Friedrich, to Kali-Chemie Aktiengesellschaft. Manufacture of potassium bicarbonate. 3,189,409, 6–15–65, Cl. 23—64.
Wolstenholme, William E., and R. Glück, to United States Rubber Co. Autographic impact tester. 3,209,585, 10–5–65, Cl. 73—101.
Woltanski, Adolph E., and H. F. Lake, to Continental Motors Corp. Recoil starter. 3,213,841, 10–26–65, Cl. 123—185.
Woltche, Walter: *See*—
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Solisch, Rudolf, and Woltche. 3,217,598.
Wolter, Alfred E.: *See*—
Marsh, Glenn A., and Wolter. 3,223,604.
Wolter, Frederick J., to E. I. du Pont de Nemours and Co. Anhydrous herbicidal concentrate. 3,190,740, 6–22–65, Cl. 71—2.6.
Wolter, Gilbert R.: *See*—
Chambers, Worthy L., and Wolter. 3,168,382.
Jepson, Ivar, De Boer, and Wolter. 3,220,119.
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Wolter, Heinz, to Josef Voss, KG, Firma. Locks. 3,182,-473, 5–11–65, Cl. 70—149.
Wolterman, Arden J., to International Business Machines Corp. Clock pulse generation and distribution circuit. 3,171,981, 3–2–65, Cl. 307—88.5.
Wolterman, Arden J., to International Business Machines Corp. Semiconductor logic circuit comprising tunnel diodes and backward diodes. 3,177,376, 4–6–65, Cl. 307—88.5.
Wolterman, Arden J., to International Business Machines Corp. Signal-selective bistable semiconductor latch. 3,196,-287, 7–20–65, Cl. 307—88.5.
Wolterman, Arden J., to International Business Machines Corp. Logic circuits. 3,207,918, 9–21–65, Cl. 307—88.5.
Wolterman, Arden J., to United States of America, Air Force. Inverter circuit. 3,217,187, 11–9–65, Cl. 307—88.5.
Wolters, Peter: *See*—
Bovensiepen, Hans-Friedrich. 3,173,230.
Wolverine Equipment Co.: *See*—
Brown, Ernest C. 3,199,224.
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Wolverine Toy Co.: *See*—
Mehelich, John J. 3,193,292.
Mehelich, John J. 3,224,776.
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Wolverton, Kenneth H., to Ametek, Inc. Laundry machines. 3,187,524, 6–8–65, Cl. 68—24.
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Womack, Archer L., A. C. Blaine, and B. Orley, to Weyerhaeuser Co. Portable skyline yarder. 3,189,134, 6–15–65, Cl. 189—11.
Womack, Robert M., to Drilling Jars, Inc. Jar mechanism. 3,200,895, 8–17–65, Cl. 175—299.
Wonder Products Co.: *See*—
Koller, Edward J., Pierce, and Polk. 3,220,726.
Wonder, Robert A., and W. D. Harris, to Ensine Corp. Sizing stacked tiles and equipment therefor. 3,182,560, 5–11–65, Cl. 90—15.
Wong, Lan J., to Vendit, Inc. Method and apparatus for discriminating between desired and undesired documents. 3,220,549, 11–30–65, Cl. 209—111.6.
Wong, Robert, and P. W. Sullivan. Foamable novolac composition and cellular phenolic body produced by cure. 3,218,271, 11–16–65, Cl. 260—2.5.
Wong, Robert Y., W. J. Nusbaum, and D. E. Holeski, to United States of America, National Aeronautics and Space Administration. Apparatus for absorbing and measuring power. 3,221,547, 12–7–65, Cl. 73—134.
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Wonneberger, William P., to Automatic Canteen Co. of America. Coffee granulizing apparatus. 3,167,261, 1–26–65, Cl. 241—159.
Wonneman, Roman F. Apparatus for applying curved dip tubed closures to containers. 3,212,173, 10–19–65, Cl. 29—208.
Wonneman, Roman F. Inline apparatus for assembling flexible curved dip tube closures to containers. 3,212,174, 10–19–65, Cl. 29—208.
Wonneman, Roman F. Rotary apparatus for continuously assembling flexible curved dip tubed closure assemblies to containers. 3,212,175, 10–19–65, Cl. 29—208.
Woo, Ji Y.: *See*—
Chambers, Warren D., Osborne, and Woo. 3,208,559.
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Auyang, Raymond P., Sippel, Woo, and Wroblewski. 3,179,924.
Wood, Andrew S.: *See*—
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Wood, Anthony A. R., and E. C. Shears, to United States Borax & Chemical Corp. Method of manufacturing boron nitride. 3,189,412, 6–15–65, Cl. 23—191.
Wood, Anthony W., to Karma (New Malden) Ltd. Control means for valves. 3,202,199, 8–24–65, Cl. 158—42.1.
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Wood, Brainerd, to Honeywell Inc. Sprocket hole checking system. 3,222,501, 12–7–65, Cl. 235—61.7.
Wood, Carl O., to Westinghouse Electric Corp. Centrifugal fans. 3,191,851, 6–29–65, Cl. 230—127.
Wood, Charles, and O. Tischler, to General Precision Inc. Displacement measuring device. 3,208,276, 9–28–65, Cl. 73—170.
Wood, Charles R., to Republic Packaging Corp. Cushioned package. 3,173,535, 3–16–65, Cl. 206—46.
Wood, Charles W., G. F. G. Clough, J. W. Abson, and A. D. Murphy, to Simon-Carves Ltd. Aeration of liquids. 3,208,-734, 9–28–65, Cl. 259—111.
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Carlson, Lorien A., and Kozacik. 3,202,025.
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Videen, Otis R. 3,202,570.
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Hackmann, Johannes T., Wood, and Harthoorn. 3,204,-001.
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Wood, Donald C., to Whirlpool Corp. Detergent for soiled fibers. 3,213,028, 10–19–65, Cl. 252—89.
Wood, Donald C., and R. C. Davis, to Whirlpool Corp. Laundering composition. 3,177,149, 4–6–65, Cl. 252—153.
Wood, Donald L., to Concrete-Steel Corp. Mount for tractor canopy. 3,203,728, 8–31–65, Cl. 296—102.
Wood, Donald V., to Whirlpool Corp. Dishwasher. 3,184,166, 5–18–65, Cl. 239—245.
Wood Electric Corp.: *See*—
Brackett, Lawrence W. 3,217,125.
Wood, Ernest, and A. Frenkel, 25% to P. B. Samuel and 25% to R. G. Le Vaux. Dissector-obstructor apparatus. 3,175,556, 3–30–65, Cl. 128—305.
Wood, Ernest C.: *See*—
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Wood, Ernest C., 33⅓% each to R. Le Vaux, and A. M. Brown. Ligature tying mechanism. 3,169,526, 2–16–65, Cl. 128—326.
Wood, Fenton M.: *See*—
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Wood, Fenton M., to American Machine & Foundry Co. Ultrasonic inspection device. 3,220,248, 11–30–65, Cl. 73—67.7.
Wood, Fenton M., and W. T. Walters. Apparatus for inspecting pipe for defects. 3,225,293, 12–21–65, Cl. 324—37.
Wood, Forrest H. Method of cementing wells. 3,213,940, 10–26–65, Cl. 166—26.
Wood, Francis H., to Elliott Bros. (London) Ltd. Display of information. 3,188,998, 6–15–65, Cl. 116—129.
Wood, Frank C.: *See*—
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Wood, Frank J., to The Plessey Co. Ltd. Memory matrix frames. 3,218,694, 11–23–65, Cl. 29—155.5.
Wood, Fred A., and J. A. Gordon. Animal and wild game trap. 3,200,534, 8–17–65, Cl. 43—61.
Wood, Frederick C., to Union Oil Co. of California. Refining of petrolatum. 3,208,931, 9–28–65, Cl. 208—27.
Wood, Frederick C., W. E. Bradley, and B. Peralta, to Union Oil Co. of California. Process for hydrocracking a nitrogen containing feed including pretreatment of catalyst. 3,186,-936, 6–1–65, Cl. 208—89.
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Anderson, Arthur F. 3,186,352.
Anderson, Arthur F. 3,199,286.
Aske, Charles B., Jr. 3,183,038.
Aske, Charles B., Jr. 3,183,039.
Aske, Charles B., Jr. 3,220,775.
Mulhern, William A., and Spisak. 3,174,803.
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Wood, Garfield A. Heavy duty switch having spaced contact assemblies. 3,165,613, 1–12–65, Cl. 200—163.
Wood, Garfield A. Seat-actuated brake and switch arrangement for motor vehicles. 3,211,250, 10–12–65, Cl. 180—82.
Wood, Garfield A., Jr. Fishing reel with friction drive. 3,184,179, 5–18–65, Cl. 242—84.45.
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Wood, George C. Rotary side delivery rakes. 3,167,900, 2–2–65, Cl. 56—377.
Wood, George C. Side delivery rakes. 3,220,172, 11–30–65, Cl. 56—377.
Wood, George F. L., to Eastman Kodak Co. Zirconia subbed photographic paper. 3,169,865, 2–16–65, Cl. 96—8.
Wood, George M., to Texaco Inc. Dropable tool for injecting fluid. 3,199,596, 8–10–65, Cl. 166—115.
Wood, George P., A. F. Carter, and A. Busemann, to United States of America, National Aeronautics and Space Administration. Plasma accelerator. 3,171,060, 2–23–65, Cl. 315—111.
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Wood, Horace E., to Worthington Corp. Induction circulator. 3,194,307, 7–13–65, Cl. 165—123.
Wood, Irwin B., J. A. Pankavich, and R. E. Bambury, to American Cyanamid Co. Anthelmintic compositions containing substituted styrylpyridinium compounds and method of administering same. 3,177,116, 4–6–65, Cl. 167—53.
Wood, Irwin B., R. E. Bambury, and H. Berger, to American Cyanamid Co. Anthelmintic compositions of styrylpyridinium compounds and method of administering the same. 3,179,559, 4–20–65, Cl. 167—53.
Wood, James A.: *See*—
Schroter, Richard C., and Wood. 3,181,275.
Wood, James A., to Sylvania Electric Products Inc. Method of manufacture of semiconductor devices. 3,172,188, 3–9–65, Cl. 29—25.3.
Wood, James A. H.: *See*—
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Wood, James H., to Lockheed Aircraft Corp. Fluid pressure operated valve. 3,194,143, 7–13–65, Cl. 98—1.5.
Wood, James M., Jr., to Ethyl Corp. Tetraethyllead-tetramethyllead antiknock fluids. 3,197,414, 7–27–65, Cl. 252—386.
Wood, John, to International Alloys Ltd. Aluminium-copper-alloys. 3,205,069, 9–7–65, Cl. 75—140.
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Nelson, Lowell F. 3,178,057.
Wood, John F., to Euphonics Corp. Phonograph cartridge. 3,215,440, 11–2–65, Cl. 274—36.
Wood, John F., R. E. Eby, and T. C. Neward. Vacuum extractor for childbirth. 3,202,152, 8–24–65, Cl. 128—361.
Wood, John L., to West Virginia Pulp and Paper Co. Babbitt casting machine to repair worn chipping knife. 3,174,198, 3–23–65, Cl. 22—58.
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Wood, Joseph D., to I-T-E Circuit Breaker Co. Blow-in effect on jump gap. 3,176,103, 3–30–65, Cl. 200—147.
Wood, Harry G. Package assembly and cushion. 3,221,872, 12–7–65, Cl. 206—46.

Wood, Homer J., to Continental Aviation and Engineering Corp. Binary internal combustion engine. 3,224,186, 12–21–65, Cl. 60—13.
Wood, James F. Drafting instrument. 3,225,449, 12–28–65, Cl. 33—177.
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Wood, Louis L., to W. R. Grace & Co. Purification process for gaseous formaldehyde. 3,201,917, 8–24–65, Cl. 55—35.
Wood, Louis L., to W. R. Grace & Co. Expandable composition comprising a thermoplastic resin and a urea-formaldehyde-hydrogen peroxide reaction product and process of forming same. 3,226,346, 12–28–65, Cl. 260—2.5.
Wood, Louis L., Jr., to W. R. Grace & Co. Polymerization and co-polymerization of thioxane in inert solvents. 3,197,438, 7–27–65, Cl. 260—67.
Wood, Marion L., Jr. Educational device. 3,166,857, 1–26–65, Cl. 35—9.
Wood, Morris E., to Bronson Specialties, Inc. Spinning reel. 3,198,456, 8–3–65, Cl. 242—84.2.
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Wood, Palmer R., E. R. Chapman, and W. W. Spragins, to The Garrett Corp. Combination engine starter and accessory drive mechanism. 3,188,479, 6–8–65, Cl. 290—4.
Wood, Parker F. Adjustable drill sharpening guide. 3,172,242, 3–9–65, Cl. 51—239.
Wood, Paul R., to United States Rubber Co. Joint sealer and paving compositions containing liquid polyurethane and bituminous material. 3,179,610, 4–20–65, Cl. 260—28.
Wood, Paul R., to United States Rubber Co. Method of treating benzothiazyldisulfide. 3,179,666, 4–20–65, Cl. 260—306.5.
Wood, Paul W., Jr., to United States of America, Air Force. Head restraint for use in space vehicles. 3,170,659, 2–23–65, Cl. 244—122.
Wood, Philip: *See*—
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Wood, Prentice J., to The Mead Corp. Article carrier. 3,169,691, 2–16–65, Cl. 229—40.
Wood, Prentice J., to The Mead Corp. Article carrier. 3,190,487, 6–22–65, Cl. 220—115.
Wood, Prentice J., to The Mead Corp. Packaging machine. 3,203,153, 8–31–65, Cl. 53—48.
Wood, Prentice J., to The Mead Corp. Article carrier. 3,203,585, 8–31–65, Cl. 220—115.
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Wood, Raymond E., to Radio Industries, Inc. Piezoelectric electric coupling unit. 3,209,273, 9–28–65, Cl. 330—21.
Wood, Rex C.: *See*—
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Wood, Richard A., to Illumitronic Systems Corp. Differential amplifier and level detector. 3,204,117, 8–31–65, Cl. 307—88.5.
Wood, Robert F., to General Electric Co. Vertical deflection circuit. 3,177,437, 4–6–65, Cl. 330—10.
Wood, Robert F., to General Electric Co. High level sawtooth waveform voltage generator. 3,184,617, 5–18–65, Cl. 307—107.
Wood, Robert S., to The Plessey Co. Ltd. Flyweight-operated governor valves. 3,176,701, 4–6–65, Cl. 137—56.
Wood, Robert S., to The Plessey Co. (U.K.) Ltd. Gear pumps. 3,195,469, 7–20–65, Cl. 103—126.
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Wood, Sidney W. H., and D. G. Bridges, to Rotol, Dowty Ltd. Aircraft and devices for launching same. 3,178,132, 4–13–65, Cl. 244—63.
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Wood, Thomas M. N.: *See*—
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Wood, Warren R., to Robert Bosch G.m.b.H. Series stacked transistorized ignition system having diodes in series with the bases. 3,184,638, 5–18–65, Cl. 315—206.
Wood, Wilburn W. Thermally actuated power aerial device. 3,190,033, 6–22–65, Cl. 46—74.
Wood, William G. E., and P. B. Thomas, to A.E.I.-John Thompson Nuclear Energy Co. Ltd. Method of constructing a nuclear reactor core from graphite blocks. 3,213,530, 10–26–65, Cl. 29—428.
Wood, William H.: *See*—
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Wood, William H., to General Electric Co. Pushbutton magnetic switch with a memory. 3,176,097, 3–30–65, Cl. 200—87.
Wood, William H., to General Electric Co. Shock absorbing bearing. 3,199,903, 8–10–65, Cl. 287—100.
Wood, William T.: *See*—
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Wood, William T. Adjustable sheet guides for tape delivery presses. 3,171,648, 3–2–65, Cl. 271—49.
Wood, William W., Jr., to General Precision, Inc. Training apparatus. 3,205,592, 9–14–65, Cl. 35—11.
Wood, Willis A., and S. R. Gilford. Recording absorption-spectrophotometer utilizing a selectively variable cuvette position cycle and having means to immobilize the recorder pen between measurement periods. 3,224,321, 12–21–65, Cl. 88—14.
Woodall, Walter N., to Newport News Shipbuilding and Dry Dock Co. Welding fixture. 3,182,988, 5–11–65, Cl. 269—37.
Woodard, Joseph H., to Woodard Mfg. Co. Method of manufacturing woven metal articles of furniture. 3,225,431, 12–28–65, Cl. 29—419.
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Woodcock, Charles A., to Stewart-Warner Corp. Adjustable plunger switch. 3,190,982, 6–22–65, Cl. 200—61.81.
Woodcock, Edward C. Photographic processing apparatus. 3,195,438, 7–20–65, Cl. 95—94.
Woodcock, Edward C. Focussing cam structure. 3,215,034, 11–2–65, Cl. 88—24.
Woodcock, Edward C., and I. G. Hunter. Negative support for projection printers. 3,203,311, 8–31–65, Cl. 88—24.
Woodcock, Fletcher H., to Ithaca Gun Co., Inc. Recoil pad for gun stocks. 3,208,180, 9–28–65, Cl. 42—74.
Woodcock, Richard F., to American Optical Co. Fiber optical image transfer devices and method of making the same. 3,215,029, 11–2–65, Cl. 88—1.
Woodcock, Richard F., to American Optical Co. Method for making fiber optical devices. 3,216,807, 11–9–65, Cl. 65—4.
Woodcock, Richard F., to American Optical Co. Fiber type light transferring devices and method of making the same. 3,226,589, 12–28–65, Cl. 313—89.
Woodcock, Richard F., and G. A. Granitsas, to American Optical Co. Energy conducting device. 3,195,219, 7–20–65, Cl. 29—25.18.
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Woodhall, Edwin S., to The Goodyear Tire & Rubber Co. Apparatus for calendering or sheeting deformable material. 3,182,587, 5–11–65, Cl. 100—47.
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Wynne, Peter J., Wooding, and Sieckman. 3,203,687.
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Wooding, Patrick J., to Consarc Corp. Electrode stub clamp. 3,215,974, 11–2–65, Cl. 339—241.
Wooding, Patrick J., P. J. Wynne, and W. Sieckman, to McGraw-Edison Co. Apparatus for degassing molten metal. 3,203,686, 8–31–65, Cl. 266—34.
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Woodland, Paul C., to The Dow Chemical Co. Method of foaming a package having an electrical zip tape. 3,201,911, 8–24–65, Cl. 53—36.
Woodle, Billy T., to American Mfg. Co. of Texas. Machine tool spindle. 3,165,016, 1–12–65, Cl. 82—30.
Woodle, Robert A., to Texaco Inc. Process for solvent refining hydrocarbon oils. 3,167,501, 1–26–65, Cl. 208—313.
Woodle, Robert A., to Texaco Inc. Dewaxing of mineral oils. 3,171,798, 3–2–65, Cl. 208—33.
Woodley, George V., to Basic Products Corp. Voltage regulator with a saturable reactor utilizing predetermined non-linear feedback means. 3,178,634, 4–13–65, Cl. 323—89.
Woodling, George V. Trunk lid hold-down mechanism. 3,195,940, 7–20–65, Cl. 292—262.
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Woodruff, Walter M. Timing control system. 3,173,030, 3–9–65, Cl. 307—141.
Woodruffe-Peacock, Thomas W., to William Grant and Sons Ltd. Means for facilitating the assembly of barrel staves and heads. 3,186,095, 6–1–65, Cl. 33—174.
Woodrum, Harold L., to The Steelcraft Mfg. Co. Mounting mechanism for sectional metal door frames. 3,222,833, 12–14–65, Cl. 52—211.
Woods, Allan M. Traffic control means. 3,188,927, 6–15–65, Cl. 94—1.5.
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Woods, Charles W., and A. B. Borkovec, to United States of America, Agriculture. Insect chemosterilants. 3,180,792, 4–27–65, Cl. 167—33.
Woods, Charles W., and A. B. Borkovec, to United States of America, Agriculture. Dithio-bis-aziridine and 2-methyl derivative thereof. 3,197,465, 7–27–65, Cl. 260—239.
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Woods, Donald B., to The International Nickel Co., Inc. Internal tube finishing machine. 3,164,039, 1–5–65, Cl. 77—1.
Woods, Donald C., to Del Mar Engineering Laboratories. Landing gear for hovering type aircraft. 3,173,632, 3–16–65, Cl. 244—100.
Woods, Edmund W.: *See*—
Woods, Stanley J., E. W., and H. M. 3,224,049.
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Woods, John A., D. E. Sharp, deceased (by Ohio Citizens Trust Co., executor), and A. E. Badger, to Libbey-Owens-Ford Glass Co. Method and apparatus for producing multiple sheet glazing units. 3,202,494, 8–24–65, Cl. 65—58.
Woods, John E., deceased, by E. Woods, executrix, and P. B. Sargent, executor, to Standard-Thomson Corp. Thermostatically controlled valve. 3,179,339, 4–20–65, Cl. 236—34.
Woods, John E., to Standard-Thomson Corp. Thermal responsive unit. 3,180,149, 4–27–65, Cl. 73—358.
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Woods, John P., to Atlantic Refining Co. Production of electrical current from oscillatory traces. 3,209,321, 9–28–65, Cl. 340—15.5.
Woods, John P., E. B. Neitzel, and T. Prickett, Jr., to The Atlantic Refining Co. Log transcribing and scale changing method and apparatus. 3,185,994, 5–25–65, Cl. 346—1.
Woods, John P., and T. Prickett, Jr., to The Atlantic Refining Co. Automatic curve following system. 3,207,964, 9–21–65, Cl. 318—31.
Woods, John P., and H. R. Barta, to The Atlantic Refining Co. Drive belt. 3,208,297, 9–28–65, Cl. 74—231.
Woods, John P., T. Prickett, Jr., and E. B. Neitzel, to The Atlantic Refining Co. Playback system. 3,210,770, 10–5–65, Cl. 346—33.
Woods, John P., E. B. Neitzel, and T. Prickett, Jr., to The Atlantic Refining Co. Phase splitter. 3,222,546, 12–7–65, Cl. 307—88.5.
Woods, John W., to Sierra Spun Metals, Inc. Loud speaker construction. 3,198,283, 8–3–65, Cl. 181—32.
Woods, Leroy R., to International Telephone and Telegraph Corp. Oscillating vibration table with air center. 3,224,255, 12–21–65, Cl. 73—71.6.
Woods, Stanley J., E. W., and H. M., to Pentagon Pattern and Engineering Co. Permanent-mold casting machine. 3,224,049, 12–21–65, Cl. 22—90.
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Woods, William G., to United States Borax & Chemical Corp. Preparation of organoboranes and organoaluminum-nitrogen polymers. 3,166,519, 1–19–65, Cl. 260—2.
Woods, William G., to United States Borax & Chemical Corp. Method of producing alkylene glycol borates. 3,189,639, 6–15–65, Cl. 260—462.
Woods, William G., M. L. Iverson, and K. Kitasaki, to United States Borax & Chemical Corp. Aluminosiloxane polymers and method of preparing same. 3,184,418, 5–18–65, Cl. 260—2.
Woods, William G., D. Laruccia, and I. S. Bengelsdorf, to United States Borax & Chemical Corp. Novel borate compounds and use in polyurethane foam containing a 2,3-dibromopropyl borate compound and process for preparing same. 3,189,565, 6–15–65, Cl. 260—2.5.
Woods, William G., and R. O. Schaeffer, to United States Borax & Chemical Corp. Method of producing cyclic ethyleneboronates. 3,219,682, 11–23–65, Cl. 260—462.
Woods, William G., and I. S. Bengelsdorf, to United States Borax & Chemical Corp. Dichlorocyclopropaneboronate. 3,219,683, 11–23–65, Cl. 260—462.
Woods, William H., to Square D Co. Circuit breaker operating mechanism. 3,171,921, 3–2–65, Cl. 200—116.
Woods, William H., and R. E. Dietz, to Square D Co. Operating mechanism for multipole electrical circuit breaker. 3,222,475, 12–7–65, Cl. 200—88.
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Woodson, Riley D., and H. F. Spainhour. Continuing power supply system. 3,178,632, 4–13–65, Cl. 322—4.
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Woodward, Bernard, Jr., to F.B. Pease Co. Method of processing apples. 3,173,463, 3–16–65, Cl. 146—241.
Woodward, Bernard, Jr., to F. B. Pease Co. Apparatus for processing apples. 3,217,879, 11–16–65, Cl. 209—122.
Woodward, Bernard, Jr., and A. W. Griswold. Apparatus for deforming tubular material. 3,209,575, 10–5–65, Cl. 72—335.
Woodward, Cyril H. T. Apparatus for and the process of making and attaching bails to earless containers. 3,192,960, 7–6–65, Cl. 140—75.
Woodward, Cyril H. T. Bailed containers. 3,193,133, 7–6–65, Cl. 220—91.
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Woodworth, Harmon H., and P. M. Negard, to The American Sterilizer Co. Method and apparatus for cleaning hands and the like. 3,205,620, 9–14–65, Cl. 51—8.
Woodworth, John H., to Socony Mobile Oil Co., Inc. Well geophone. 3,188,607, 6–8–65, Cl. 340—17.
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Woollett, Ralph S., to United States of America, Navy. Magnetostrictive flexural-mode electromechanical transducer. 3,174,130, 3–16–65, Cl. 340—11.
Woolley, Harold O., Jr., to AMP Inc. X-ray data gathering and plotting method and apparatus. 3,178,573, 4–13–65, Cl. 250—51.5.
Woolley, Kenneth R., and L. L. Quigley, to Ledex, Inc. Mounting for vibratory reed devices. 3,182,233, 5–4–65, Cl. 317—182.
Woolley, Lee A., to Kingston Products Corp. Construction for sequential timer shaft. 3,190,418, 6–22–65, Cl. 192—67.
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Wooster, Antony M. Digital position-indicating units adapted for use in apparatus for detecting and setting the position of a movable object, such as a rotatable shaft. 3,198,937, 8–3–65, Cl. 235—154.
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Wootton, Douglas J., to Electric & Musical Industries Ltd. Electron discharge devices for generating high frequency oscillations. 3,197,670, 7–27–65, Cl. 315—5.21.
Wootton, William R., to Babcock & Wilcox Ltd. Nuclear reactor vapour generating plant. 3,171,791, 3–2–65, Cl. 176—65.
Worbois, Robert J., and W. B. Jeffrey, to Westinghouse Air Brake Co. Brake pipe integrity signalling apparatus. 3,175,389, 3–30–65, Cl. 73—39.
Worcester, Gurdon S. Disposable sanitary washing envelope. 3,183,543, 5–18–65, Cl. 15—509.
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Work, Josiah, R. T. Joseph, and J. H. Blake, to FMC Corp. Amorphous carbonaceous material. 3,184,397, 5–18–65, Cl. 202—35.
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Worlton, Daniel C., to United States of America, Atomic Energy Commission. Ultrasonic inspection method for inaccessible pipe and tubing. 3,218,845, 11–23–65, Cl. 73—67.8.
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Wormser, Robert S. Sign-making apparatus. 3,171,207, 3–2–65, Cl. 33—23.
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Hindersinn, Raymond R., and Worsley. 3,208,960.
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Schoepfle, Blaine O., Hindersinn, and Worsley. 3,214,-395.
Schoepfle, Blaine O., Hindersinn, and Worsley. 3,214,-396.
Worsley, Michael, to Hooker Chemical Co. Foamable resinous polyurethane compositions. 3,214,392, 10–26–65, Cl. 260—2.5.
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Worst, Joseph C., to General Electric Co. Centrifugal extraction machine having speed control means responsive to unbalanced weight distribution. 3,172,848, 3–9–65, Cl. 210—144.
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Wright, Charles M., to Hercules Powder Co. Preparation of gem-dinitroparaffins by electrolysis. 3,169,913, 2–16–65, Cl. 204—72.
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Wright, Donald R., to The Dow Chemical Co. Walled structure and method for making the same. 3,206,899, 9–21–65, Cl. 52—80.
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Wright, Esmond P. G., D. A. Weir, R. C. P. Hinton, and B. Dzula, to International Standard Electric Corp. Data processing systems. 3,181,123, 4–27–65, Cl. 340—172.5.
Wright, Esmond P. G., V. J. Terry, and W. F. S. Chittleburgh, to International Standard Electric Corp. Duplex data transmission system utilizing a telephone channel. 3,226,480, 12–28–65, Cl. 179—15.
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Wright, George W., R. J. Jauch, C. W. Kruckeberg, and J. D. Clymer, to Tokheim Corp. Large numeral registering mechanism. 3,164,322, 1–5–65, Cl. 235—125.
Wright, George W., E. A. Robbins, M. C. Hankel, and B. W. Foss, to Tokheim Corp. Motorized reset mechanism for registers. 3,187,945, 6–8–65, Cl. 222—35.
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Wright, Jerauld G., and H. W. Wilson to Her Majesty the Queen, in right of Canada, as represented by the Minister of National Defence. Aircraft ground position indicator. 3,178,682, 4–13–65, Cl. 340—23.
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Wright, Malor, to Itek Corp. Data processing apparatus. 3,221,755, 12–7–65, Cl. 134—122.
Wright, Maurice J., to Joseph Lucas (Industries) Ltd. Semiconductor direct current control circuits. 3,184,665, 5–18–65, Cl. 318—327.
Wright, Maurice J., to Joseph Lucas (Industries) Ltd. Pulse lengthening circuit employing a semi-conductor controlled rectifier. 3,206,614, 9–14–65, Cl. 307—88.5.
Wright, Maurice J., to Joseph Lucas (Industries) Ltd. Oscillator using a semi-conductor controlled rectifier capable of being switched on and off at its gate. 3,206,696, 9–14–65, Cl. 331—107.
Wright, Maurice J., to Joseph Lucas (Industries) Ltd. Switching circuits. 3,223,852, 12–14–65, Cl. 307—88.5.
Wright, Maurice J., and F. H. Laishley, to Joseph Lucas (Industries) Ltd. Controlled rectifier relaxation oscillator. 3,197,716, 7–27–65, Cl. 331—111.
Wright, Merrill W., to G. F. Wright Steel & Wire Co. Closure for rolls of wire netting. 3,172,533, 3–9–65, Cl. 206—59.
Wright, Merrill W., R. E. Bedard, and E. P. Delage, to G. F. Wright Steel & Wire Co. Closure for rolls of wire netting. 3,172,532, 3–9–65, Cl. 206—59.
Wright, Oscar L. Nitration process. 3,221,062, 11–30–65, Cl. 260—622.
Wright, Paul N. Transceiver having means for neutralizing inherent distributed capacity. 3,167,711, 1–26–65, Cl. 325—18.

Wright, Peter, and S. J. Noyce, to Hunting Engineering Ltd. Plastic material covered lamp with panel push-fit mounting means. 3,218,500, 11–16–65, Cl. 313—312.

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Wright, Robert E., Jr.: *See*—
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Wright, Robert W.: *See*—
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Wright, Robert W., to Firwood Mfg. Co. Heavy duty chuck. 3,219,078, 11–23–65, Cl. 144—288.

Wright, Robert W., D. E. Ericson, and E. B. Erickson, ½ to Firwood Mfg. Co., and ½ to United States Rubber Co. Post-inflating machine for tires. 3,214,790, 11–2–65, Cl. 18—2.

Wright, Royal K. Rock polishing machine. 3,183,630, 5–18–65, Cl. 51—163.

Wright, Sam B., to Eastman Kodak Co. Granular exxplosive molding powder. 3,173,817, 3–16–65, Cl. 149—2.

Wright, Stephen A. Step traversing vehicles. 3,169,596, 2–16–65, Cl. 180—7.

Wright, Theodore M. Slide fasteners. 3,163,906, 1–5–65, Cl. 24—205.11.

Wright, Theodore M. Method of applying end connectors to slide fasteners. 3,222,768, 12–14–65, Cl. 29—410.

Wright, Theron E., and L. H. Muschamp, to Donaldson Co., Inc. Pleated filter. 3,216,578, 11–9–65, Cl. 210—484.

Wright, Thomas B. Soap holder. 3,185,537, 5–25–65, Cl. 312—351.

Wright, Thomas B., to United-Carr Inc. Locking clamping assembly. 3,212,746, 10–19–65, Cl. 248—361.

Wright, Thomas C., and D. D. Herendeen, to Model Engineering & Mfg. Corp. Cold molded register and method of fabricating same. 3,171,875, 3–2–65, Cl. 264—272.

Wright, Walter V. Box for sheet material in a roll. 3,182,-793, 5–11–65, Cl. 206—58.

Wright, Wilbert H., to National Steel Corp. Method for galvanizing steel. 3,190,768, 6–22–65, Cl. 117—93.2.

Wright, William B., Jr., and H. J. Brabander, to American Cyanamid Co. Phenyl and alkyleneamino substituted imidazolidinones and salts thereof. 3,196,152, 7–20–65, Cl. 260—247.2.

Wright, William B., Jr., and H. J. Brabander, to American Cyanamid Co. Trifluoromethylphenylalkylenediamines. 3,196,172, 7–20–65, Cl. 260—471.

Wright, William H., Jr., to United States of America, Army. Amplified microwave power limiter. 3,185,945, 5–25–65, Cl. 333—81.

Wright, William O., and J. L. Russell. Row crop cultivating machines. 3,174,554, 3–23–65, Cl. 172—58.

Wright, William R., to Ashland Oil & Refining Co. Method and apparatus for filtering gas streams. 3,212,237, 10–19–65, Cl. 55—96.

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Wrighton, Robert J., and J. E. Glauser, to Pacific Scientific Co. Safety harness device. 3,202,379, 8–24–65, Cl. 242—107.4.

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Wu, William I. L., to The Singer Co. Frequency discriminator employing a timing circuit. 3,182,265, 5–4–65, Cl. 328—140.

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Wu, Yao H., and H. J. Rhodes, to Mead Johnson & Co. 1,2,3,-5,6,11b - hexahydroindolo[3,2-g]indolizinyl - 2-methyl-3,4,5-trimethoxybenzoate and salts thereof. 3,203,860, 8–31–65, Cl. 167—55.

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Wubbe, Leo J., to The Anderson Co. Arm and blade connector. 3,163,877, 1–5–65, Cl. 15—250.32.

Wubbe, Leo J., to The Anderson Co. Windshield wiper arm. 3,178,751, 4–20–65, Cl. 15—250.35.

Wubbe, Leo J., to The Anderson Co. Wiper arm pivot. 3,188,679, 6–15–65, Cl. 15—250.35.

Wuellner, Clarence R., and G. E. Kellogg, to General Motors Corp. Power brake booster. 3,172,334, 3–9–65, Cl. 91—369.

Wuenscher, Hans F., to United States of America, National Aeronautics and Space Administration. Recoverable rocket vehicle. 3,202,381, 8–24–65, Cl. 244—1.

Wuerfel, Richard K., to Westinghouse Electric Corp. Method and apparatus for heat treating elongated rotary workpieces. 3,169,893, 2–16–65, Cl. 148—131.

Wuerker, Ralph F., to TRW Inc. Radio frequency pulse generating apparatus using an exploding wire. 3,214,707, 10–26–65, Cl. 331—128.

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Wuest, Heinz M., to Warner-Lambert Pharmaceutical Co. Process for the production of 1,4-benzodiazepines. 3,189,-602, 6–15–65, Cl. 260—239.

Wuest, Heinz M., to Warner-Lambert Pharmaceutical Co. Process for the production of 2-cycloalkylamino derivatives of 1,4-benzodiazepines. 3,189,603, 6–15–65, Cl. 260—239.

Wuest, Heinz M. 1-cycloalkyl methyl derivatives of 1,4-benzodiazepine. 3,192,200, 6–29–65, Cl. 260—239.3.

Wuest, Heinz M., to Warner-Lambert Pharmaceutical Co. Mesyloxyacetic acid and acid chloride. 3,200,138, 8–10–65, Cl. 260—456.

Wuest, Heinz M., to Warner-Lambert Pharmaceutical Co. 2-sulphonyloxymethyl-quinazoline-3-oxides, and intermediates therefor. 3,215,695, 11–2–65, Cl. 260—251.

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Wulf, Karl A., to Deutsche Edelstahlwerke Aktiengesellschaft, and Allgemeine Elektricitats-Gesellschaft. Inductor for the surface heating of gear wheels. 3,196,244, 7–20–65, Cl. 219—10.59.

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Wunsch, Walther, and W. Puff, to Ruhrgas A.G. Method of transporting solid and viscous material in pipe lines. 3,180,691, 4–27–65, Cl. 302—66.

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Young, Charles, Jr., to United States of America, Navy. Inertially responsive switches. 3,218,405, 11–16–65, Cl. 200—61.53.
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Young, Darcy A., Jr., to Rochester Button Co. Button loading mechanism for sewing machines. 3,175,703, 3–30–65, Cl. 214—1.
Young, David A. Valve for fire extinguishing system. 3,196,953, 7–27–65, Cl. 169—19.
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Young, Douglas L. G., to Canadian-Ingersoll-Rand Co. Ltd. Support means for vibratory hand-held power tools. 3,225,443, 12–28–65, Cl. 30—273.
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Young, James A., to Kaiser Industries Corp. Rotatable hood assembly. 3,223,397, 12–14–65, Cl. 266—34.

Young, James A., and R. T. Lucas, to United States of America, Navy. Method of shaping wire screen. 3,194,283, 7–13–65, Cl. 140—107.

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Young, John R., R. B. Trusler, A. X. Hiltgen, and W. H. Matz; said Young and Trusler assors. to The Davies-Young Soap Co., and said Hiltgen and Matz assors. to Pittsburgh Chemical Co. Dry cleaning apparatus and method. 3,203,754, 8–31–65, Cl. 8—142.

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Young, Kenneth W., to General Motors Corp. Temperature switch having slidable thermal exchanger. 3,221,125, 11–30–65, Cl. 200—138.

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Young, Norman H., Jr., and P. K. Spahr, to International Telephone and Telegraph Corp. Frequency shift keyer with automatic frequency control. 3,167,712, 1–26–65, Cl. 325—163.

Young, Oscar L., to The Ohio Brass Co. Handling device. 3,165,214, 1–12–65, Cl. 214—77.

Young, Peter S., to United Aircraft Corp. Damper and positioner. 3,212,584, 10–19–65, Cl. 170—160.55.

Young, Philip W., and G. I. Finch; said Young assor. to Imperial Chemical Industries Ltd. Method and apparatus for conducting gaseous reactions. 3,169,914, 2–16–65, Cl. 204—164.

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Yu, Charles. Methods for applying photographic images or designs ceramic objects. 3,171,742, 3–2–65, Cl. 96—34.
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Yuan, Edward L., to E. I. du Pont de Nemours and Co. Method of making vapor permeable sheet materials. 3,190,-766, 6–22–65, Cl. 117—63.
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Zauner, Otto, to Owens-Illinois Glass Co. Apparatus for forming mouth portions of small glass containers. 3,202,495, 8–24–65, Cl. 65—277.
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Bamberger, Francois, to Hauser S.A.R.L. Pants. 201,660, 7–20–65, Cl. D3—17.
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Davis, Charles J., Abrahamsen, and Landell. 200,481.
Davis, Charles J., Landell, and Chambers. 202,768.
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Landell, Harper. 200,865.
Black, John M. Combined toilet article tray and mirror cover therefor. 202,401, 9–21–65, Cl. D86—10.

Blackwell, Ronald J., and S. Devick, to Selectrostatic Corp. Barrel for air atomization electrostatic deposition spray gun. 201,061, 5–4–65, Cl. D62—2.
Blake, Eugene A., and D. L. Rakowsky, to Dale Electronics, Inc. Resistor housing or similar article. 201,884, 8–10–65, Cl. D26—1.
Blakslee, Edward L., to American Can Co. Closure for a container. 200,820, 4–6–65, Cl. D58—26.
Blanding, Wendell S., to Corning Glass Works. Utensil cover or similar article. 200,247, 2–9–65, Cl. D44—1.
Blankenship, Arthur C., to United States Rubber Co. Tire. 201,858, 8–3–65, Cl. D90—20.
Blankenship, Arthur C., R. F. Bogan, and W. L. Shesterkin, to United States Rubber Co. Tire. 203,320, 12–21–65, Cl. D90—20.
Blankenship, Arthur C., and W. L. Shesterkin, to United States Rubber Co. Tire. 203,321, 12–21–65, Cl. D90—20.
Blankenship, Wesley L.: *See*—
Cavagnaro, William A., and Blankenship. 201,557.
Blau, William, and D. A. Saporito, to American Screen Products Co. Panel unit. 202,174, 9–7–65, Cl. D13—1.
Blau, William, and D. A. Saporito, to American Screen Products Co. Panel unit. 202,175, 9–7–65, Cl. D13—1.
Blau, William, and D. A. Saporito, to American Screen Products Co. Panel unit. 202,176, 9–7–65, Cl. D13—1.
Blau, William, and D. A. Saporito, to American Screen Products Co. Panel unit. 202,177, 9–7–65, Cl. D13—1.
Bleeck, Barry S. Spectacle display rack. 200,943, 4–20–65, Cl. D80—10.
Bliss, Charles O. Towel holder or similar article. 200,090, 1–19–65, Cl. D4—3.
Bliss, Charles O. Soap dish or similar article. 201,541, 7–6–65, Cl. D4—3.
Bliss, Charles O. Juicer or similar article. 202,488, 10–5–65, Cl. D89—1.
Bliss, Charles O. Spoon or similar article. 202,722, 11–2–65, Cl. D44—29.
Bliss, Charles O. Spatula or similar article. 202,916, 11–16–65, Cl. D44—29.
Bliss, Harvey N. Illuminating stand. 202,154, 8–31–65, Cl. D80—9.
Bliss, Harvey N. Combined nail clipper and pocket knife. 202,858, 11–9–65, Cl. D86—10.
Blom, Roy A. Magnetic tape unit or similar article. 200,156, 1–26–65, Cl. D26—5.
Bloom, Roy M. File folder. 202,940, 11–16–65, Cl. D59—2.
Bloomfield, Harold, to Bloomfield Industries, Inc. Coffee maker. 201,949, 8–17–65, Cl. D2—3.
Bloomfield Industries, Inc.: *See*—
Bloomfield, Harold. 201,949.
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Blum, Louis, to Blumcraft of Pittsburgh. Handrail unit. 202,335, 9–21–65, Cl. D13—7.
Blum, Louis, to Blumcraft of Pittsburgh. Railing post. 203,159, 12–14–65, Cl. D13—7.
Blum, Louis, and W. J. Horgan, Jr., to Blumcraft of Pittsburgh, a firm of H., L., M., and H. P. Blum. Stairway. 201,545, 7–6–65, Cl. D13—7.
Blum, Louis, and W. J. Horgan, Jr., to Blumcraft of Pittsburgh. Wall plate. 202,029, 8–24–65, Cl. D13—7.
Blum, Louis, and W. J. Horgan, Jr. Ornamental railing. 202,881, 11–16–65, Cl. D13—7.
Blum, Louis, and W. J. Horgan, Jr. Post. 203,037, 11–30–65, Cl. D13—7.
Blum, Louis, and W. J. Horgan, Jr. Railing. 203,160, 12–14–65, Cl. D13—7.
Blum, Louis, and W. J. Horgan, Jr. Railing. 203,161, 12–14–65, Cl. D13—7.
Blum, Louis, and W. J. Horgan, Jr. Railing. 203,162, 12–14–65, Cl. D13—7.
Blum, Louis, and W. J. Horgan, Jr. Railing. 203,163, 12–14–65, Cl. D13—7.
Blum, Louis, and W. J. Horgan, Jr., to Blumcraft of Pittsburgh. Ornamental panel. 203,338, 12–28–65, Cl. D13—7.
Blumcraft of Pittsburgh: *See*—
Blum, Louis. 202,335.
Blum, Louis. 203,159.
Blum, Louis, and Horgan. 201,545.
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Blum, Louis, and Horgan. 203,338.
Blumenthal, Lee A., to Peerless Plastics, Inc. Wallet or similar article. 202,249, 9–7–65, Cl. D87—3.
Blunt, Ward J.: *See*—
Reimold, Viola J., and Blunt. 202,082.
Board, Robert R., to Foster-Forbes Glass Co. Aerosol bottle. 201,714, 7–20–65, Cl. D58—8.
Bobrick, Mitchell, to Solar Light Mfg. Co. Lighting fixture. 203,350, 12–28–65, Cl. D48—31.
Bobrick, Mitchell, to Solar Light Mfg. Co. Lighting fixture. 203,351, 12–28–65, Cl. D48—31.
Bode, William P. Fruit juice squeezer. 201,268, 6–1–65, Cl. D89—1.
Bodenheimer, Ted F., to Owens Plastics Co. Carboy. 200,074, 1–12–65, Cl. D58—3.
Bodoh, Albinus G.: *See*—
Sunberg, Carl W., Schwartz, and Bodoh. 202,811.
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Holtby, Kenneth F., Maxam, and Pennell. 202,749.
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Bogeaus, Benedict E. Embossing tape magazine. 200,508, 3–2–65, Cl. D74—1.
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Boggild, Robert, and W. L. Dale. Extruder toy. 200,480, 3–2–65, Cl. D34—15.
Boise Cascade Corp.: *See*—
Remmel, Roland R. 201,449.
Bokeny, John J.: *See*—
Beck, William R., Jr., and Bokeny. 202,582.
Bolde, Michael W. Mixing apparatus for dental materials. 203,340, 12–28–65, Cl. D24—1.
Boldosser, Randall K. Holder for fishing rod. 200,474, 3–2–65, Cl. D31—4.
Boldt, Melvin H., to Moffats, Ltd. Combined oven and control panel. 200,832, 4–6–65, Cl. D81—4.
Boldt, Melvin H., to Moffats, Ltd. Combined oven and control panel for electric range. 200,833, 4–6–65, Cl. D81—26.
Boldt, Melvin, to Moffats Ltd. Switch knob. 201,622, 7–13–65, Cl. D26—13.
Boldt, Melvin H., to Zenith Radio Corp. Radio cabinet. 202,443, 9–28–65, Cl. D56—4.
Boldt, Melvin H., to Zenith Radio Corp. Phonograph tone arm. 202,563, 10–19–65, Cl. D26—14.
Bolduc, Paul F. Combined can punch and jar opener. 202,208, 9–7–65, Cl. D44—29.
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Boller, George R., R. F. Armstrong, and J. W. Russell, to Products International, Inc. Casing for an aerosol dispenser. 201,963, 8–17–65, Cl. D16—2.
Bollinger, Burton J. Conduit cleaner. 201,349, 6–15–65, Cl. D9—2.
Bommer AG: *See*—
Bill, Max. 200,734.
Bonardi, Emil V., to Lever Bros. Co. Bar of soap or similar article. 202,750, 11–2–65, Cl. D73—1.
Bond Street Ltd.: *See*—
Schlessinger, Ludwig S. 202,248.
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Schlessinger, Ludwig S. 202,756.
Bonner, William O.: *See*—
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Bontempi, Iwo, to Swimco Inc. Pool slide. 201,812, 8–3–65, Cl. D34—5.
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Armstrong, William H. 200,089.
Borgman, Arthur C. Scaffold frame. 201,831, 8–3–65, Cl. D54—1.
Borowick, Emma G. Shoe box. 200,934, 4–20–65, Cl. D58—13.
Borrelli, Albert J., to Verta-Aide Corp. Cot. 202,541, 10–19–65, Cl. D5—4.
Bortzfield, William C.: *See*—
Cederberg, Howard R., and Bortzfield. 201,134.
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Bostwick Steel Lath Co., The: *See*—
Senek, Michael C., and Leifer. 203,133.
Bottani, Angelo, to Societa Internazionale Fonovisione S.p.A. Coin operated sound motion picture projector. 202,307, 9–14–65, Cl. D61—1.
Boucher, Raymond, to Hedstrom Union Co. Velocipede. 201,753, 7–27–65, Cl. D34—15.
Boucher, Wilfred M. Laminated absorbent underpad for bedding. 200,695, 3–23–65, Cl. D92—2.
Boulton, Gale E. Laboratory potentiometer. 200,706, 3–30–65, Cl. D26—1.
Bourgeois, John J., to Emhart Corp. Door knocker. 203,027, 11–30–65, Cl. D10—7.
Bourhenne, Francis K., to Sierra Electric Corp. Combined wall plate and electrical switch. 202,706, 11–2–65, Cl. D26—13.
Bovay, Norman E., to United States Rubber Co. Shoe. 200,846, 4–13–65, Cl. D7—7.
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Bowden, Benjamin G. Bicycle frame. 201,603, 7–6–65, Cl. D90—8.
Bowden, Benjamin G. Bicycle frame. 201,604, 7–6–65, Cl. D90—8.
Bowden, Benjamin G. Bicycle frame. 201,605, 7–6–65, Cl. D90—8.

Bowden, Roy N. Oil-seal puller tool. 201,302, 6–8–65, Cl. D54—13.
Bowden, Roy N. Oil-seal puller tool. 203,299, 12–21–65, Cl. D54—13.
Bowen, Lloyd R. Combined fan and mounting bracket for cooling electronic equipment and the like. 200,450, 2–23–65, D62—4.
Bowen, Tom. Housing for a measuring instrument. 202,733, 11–2–65, Cl. D52—7.
Bower, Gerald C., and W. M. Becker, to Royal Industries, Inc. Dispenser for tie strips or the like. 200,347, 2–16–65, Cl. D52—1.
Bowers, Donald R., to The Hoover Co. Clothes washer. 202,374, 9–21–65, Cl. D49—1.
Bowes, John G., and J. N. Rosekrans, Jr., to Kransco Mfg., Inc. Children's pool or similar article. 202,113, 8–31–65, Cl. D34—5.
Bowland, Charles R. Combined mirror and flashlight. 202,487, 10–5–65, Cl. D86—10.
Boyd, Dewey D. Playground ferris wheel. 200,716, 3–30–65, Cl. D34—5.
Boyd, Eugene L. Lawn sprinkler. 200,041, 1–5–65, Cl. D91—1.
Bozarth, Charles E., to General Electric Co. Cabinet for electronic equipment. 201,886, 8–10–65, Cl. D26—5.
Bozarth, Charles E., to General Electric Co. Cabinet for electronic equipment. 201,887, 8–10–65, Cl. D26—5.
Bozek, John S., to Continental Can Co., Inc. End closure for a container. 200,021, 1–5–65, Cl. D58—26.
Bozek, John S., to Continental Can Co., Inc. End closure for a container. 200,607, 3–16–65, Cl. D58—26.
Bozek, John S., to Continental Can Co., Inc. End closure for a container. 200,608, 3–16–65, Cl. D58—26.
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Bradley, David E., Jr. Amusement vehicle. 200,110, 1–19–65, Cl. D34—15.
Bradov, Nick W. Child's stroller or similar article. 200,305, 2–16–65, Cl. D14—14.
Brady, Francis A. Belt. 202,867, 11–16–65, Cl. D3—10.
Bradshaw, Franklin C., and T. M. Smith. Battery charger. 201,084, 5–11–65, Cl. D26—15.
Brady, Forrest C. Combined display and dispensing stand. 200,830, 4–6–65, Cl. D80—10.
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Braun, Edmund R. Marble shooter or the like. 201,692, 7–20–65, Cl. D34—15.
Braun, Samuel, to B.C.N. Design Products Inc. Display box. 201,645, 7–13–65, Cl. D58—12.7.
Braun, Samuel, to B.C.N. Design Products, Inc. Display box. 201,844, 8–3–65, Cl. D58—12.7.
Braun, Samuel, to B.C.N. Design Products, Inc. Display box. 201,923, 8–10–65, Cl. D58—12.6.
Braun, Samuel. Box for a desk set. 201,924, 8–10–65, Cl. D58—12.7.
Braun, Samuel, to B.C.N. Design Products, Inc. Display box. 202,446, 9–28–65, Cl. D58—12.
Braun, Samuel, to B.C.N. Design Products, Inc. Display box. 202,449, 9–28–65, Cl. D58—12.7.
Braun, Samuel, to B.C.N. Design Products, Inc. Display box. 202,450, 9–28–65, Cl. D58—12.7.
Braun, Samuel, to B.C.N. Design Products, Inc. Display box. 202,935, 11–16–65, Cl. D58—12.7.
Braun, Samuel, to B.C.N. Design Products, Inc. Display box. 202,936, 11–16–65, Cl. D58—12.7.
Braun, Samuel, to B.C.N. Design Products, Inc. Display box. 203,137, 12–7–65, Cl. D58—12.7.
Bravo, Joel W. Photographic processing apparatus. 200,449, 2–23–65, Cl. D61—1.
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Breidenich, Richard H., and B. N. Smith, to General Motors Corp. Vehicle. 202,179, 9–7–65, Cl. D14—3.
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Brendgord, Thomas, to North Atlantic Industries, Inc. Control knob. 202,273, 9–14–65, Cl. D26—13.
Brennan, Frederick S., to Simplicity Mfg. Co. Snow blower. 201,287, 6–8–65, Cl. D35—2.
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Brillante, George F. Paper-roll storage container. 201,099, 5–11–65, Cl. D52—2.
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Broderick, Virginia, to Consoweld Corp. Plastic sheet material or the like. 202,087, 8–24–65, Cl. D87—3.
Broderick, Virginia, to Consoweld Corp. Plastic sheet material or the like. 202,088, 8–24–65, Cl. D87—3.
Broderick, Virginia, to Consoweld Corp. Plastic sheet material or the like. 202,089, 8–24–65, Cl. D87—3.
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Broderick, Virginia, to Consoweld Corp. Plastic sheet material or the like. 202,091, 8–24–65, Cl. D87—3.
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Broderick, Virginia, to Consoweld Corp. Plastic sheet material or the like. 202,683, 10–26–65, Cl. D87—3.
Brodick, Thomas P. Hood mounted air actuated automotive speedometer, or a similar article. 203,068, 11–30–65, Cl. D52—6.
Brody, Harvey, to Norvey, Inc. Dispenser cap and spout for liquids. 200,364, 2–16–65, Cl. 58—26.
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Brody, Philip M., and F. H. Rahr, to Wood Conversion Co. Tile or similar article. 200,200, 2–2–65, Cl. D18—2.
Brody, Philip M., and F. H. Rahr, to Wood Conversion Co. Tile or similar article. 200,201, 2–2–65, Cl. D18—2.
Brody, Philip M., and F. H. Rahr, to Wood Conversion Co. Tile or similar article. 200,202, 2–2–65, Cl. D18—2.
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Brooks, Robert P. Instrument for stimulating and arousing heartbeat. 200,563, 3–9–65, Cl. D83—1.
Brookshire, Carl T. Cabinet for advertising signs or the like. 202,865, 11–16–65, Cl. D1—11.
Broske, William F., and F. W. Wahl, to AMP Inc. Explosively actuated tool for making electric power connections. 202,377, 9–21–65, Cl. D54—13.
Bross, Helmut K., 50% to Frank T. Johmann. Toy airplane. 201,284, 6–8–65, Cl. D34—15.
Broussard, Robert. Parking meter casing. 200,216, 2–2–65, Cl. D52—3.
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Brown, Harry J., to Strombecker Corp. Portable phonograph. 200,804, 4–6–65, Cl. D56—4.
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Brown, Robert O. Bicycle. 200,040, 1–5–65, Cl. D90—8.
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Brown, Warner K., to Clark Equipment Co. Industrial tractor. 201,176, 5–25–65, Cl. D14—3.
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Buck, Winard W., to Donjim Enterprises, Inc. Refuse container. 200,671, 3–23–65, Cl. D58—17.
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Beck, Philip. 200,670.
Bunn, William E. L., to W. A. Sheaffer Pen Co. Desk set base or similar article. 201,777, 7–27–65, Cl. D74—5.
Bunn, William E. L., and J. V. Vevirit, to W. A. Sheaffer Pen Co. Desk pad or similar article. 201,727, 7–20–65, Cl. D74—1.
Bunn, William E. L., and J. V. Vevirit, to W. A. Sheaffer Pen Co. Desk pad or similar article. 201,728, 7–20–65, Cl. D74—1.
Bunn, William E. L., and J. V. Vevirit, to W. A. Sheaffer Pen Co. Desk tray or similar article. 201,732, 7–20–65, Cl. D74—9.
Bunyea, Roderick F.: *See*—
Stevens, Philip H., Chase, and Bunyea. 200,835.
Burgeson, Mary A. Jacket. 203,100, 12–7–65, Cl. D3—5.
Burgess, Glen W., to Clark Equipment Co. Material handling vehicle. 202,494, 10–12–65, Cl. D14—3.
Burke, Frederick, to Lever Bros. Co. Soap bar. 201,229, 5–25–65, Cl. D73—1.
Burke, Frederick A., to Sunbeam Corp. Clock. 202,641, 10–26–65, Cl. D42—7.
Burke, George K., to Burrow Medical Products, Inc. Tube clamp. 202,474, 10–5–65, Cl. D54—13.
Burke, Richard D., and B. J. Kingdon, to Lazy R, Inc. Portico. 199,968, 1–5–65, Cl. D13—1.
Burke, Richard D., and B. J. Kingdon, to Pizza Hut, Inc. Building. 202,878, 11–16–65, Cl. D13—1.
Burkett, Paul B. Combination bait and tackle kit. 201,807, 8–3–65, Cl. D31—4.
Burkhoff, Bernard: *See*—
La Paro, Henry C., and Burkhoff. 202,075.
Burley, Billy, to Johnson Service Co. Wall-mounted housing for a space condition responsive instrument. 200,925, 4–20–65, Cl. D52—7.
Burlini, Joseph A.: *See*—
Duncan, Alan W., and Burlini. 200,452.
Burnbaum, Jack. Christmas tree ornament or similar article. 202,192, 9–7–65, Cl. D29—1.
Burnbaum, Jack. Christmas tree ornament, or similar article. 203,341, 12–28–65, Cl. D29—1.
Burnelli, Hazel G.: *See*—
Burnelli, Vincent J. 202,149.
Burnelli, Vincent J., deceased, H. G. Burnelli, executrix. Combination passenger cargo air transport. 201,851, 8–3–65, Cl. D71—1.
Burnelli, Vincent J., deecased, H. G. Burnelli, executrix. Aircraft. 202,149, 8–31–65, Cl. D71—1.
Burnham, Raymond V.: *See*—
Neal, Harry B. 201,174.
Neal, Harry B. 201,175.
Neal, Harry B., and Burnham. 201,954.
Neal, Harry B., and Burnham. 201,955.
Neal, Harry B., and Burnham. 202,770.
Burns, Atwill B., and W. G. Lachapelle, to Playthings, Inc. Combined stacking box and cover therefor. 201,398, 6–15–65, Cl. D58—12.6.
Burns, James O., to Ormston Burns Ltd. Combined bridge and pick-up unit for a guitar or the like. 200,436, 2–23–65, D56—1.
Burns, Ormston Ltd.: *See*—
Burns, James O. 200,436.
Burrow Medical Products, Inc.: *See*—
Burke, George K. 202,474.
Burzlaff, Karl H., to Ritter Co., Inc. Dental syringe. 202,041, 8–24–65, Cl. D24—1.
Burzlaff, Karl H., and E. R. Weickgenannt, to Ritter Co. Inc. Medical examination table or the like. 200,377, 2–16–65, Cl. D83—1.
Bus, Andre: *See*—
Klein, Bert J., Bus, and Thorn. 203,102.
Klein, Bert J., Bus, and Thorn. 203,194.
Klein, Bert J., Bus, and Thorn. 203,200.
Busch, Eugene F. Combined mounting bracket and reel for a safety belt for automobiles. 200,329, 2–16–65, Cl. D41—1.
Busch, Robert F., J. W. Taylor, and C. H. Vizina, Jr., to United States Rubber Co. Tire. 201,608, 7–6–65, Cl. D90—20.
Busch, Robert F., M. Maxemovich, Jr., and J. W. Taylor, to United States Rubber Co. Tire. 202,537, 10–12–65, Cl. D90—20.
Busch, Robert F., and J. W. Taylor, to United States Rubber Co. Tire. 203,317, 12–21–65, Cl. D90—20.
Busch, Robert F., and M. Maxemovich, to United States Rubber Co. Tire. 203,319, 12–21–65, Cl. D90—20.
Bushcott, Rudolph A., to Thomas Industries Inc. Lamp shade. 202,729, 11–2–65, Cl. D48—16.
Bushcott, Rudolph A., to Thomas Industries, Inc. Lamp shade. 202,804, 11–9–65, Cl. D48—16.
Bushcott, Rudolph A., to Thomas Industries, Inc. Lamp shade. 203,061, 11–30–65, Cl. D48—16.
Bushnell, David P.: *See*—
Maguire, Paul R. 202,526.
Maguire, Paul R. 202,820.
Business Research and Engineering Corp.: *See*—
Kress, George H. 200,939.
Busler, Willard L., to AMP Inc. Insulating covering for an electric terminal connector. 201,442, 6–22–65, Cl. D26—10.
Busse, Herman K. Portable cook stove, or the like. 201,234, 5–25–65, Cl. D81—10.
Butler Mfg. Co.: *See*—
Orr, Robert P. 203,336.
Buxlaum Co., The: *See*—
Narens, Leonard L. 200,524.
Buzard, John A. Sliding door lock. 200,659, 3–23–65, Cl. D50—5.
Bye, Paul C. Combined fertilizer and insecticide dispenser for garden use. 200,326, 2–16–65, Cl. D35—2.
Byer, Edward L., and J. Cuccio, to International Telephone and Telegraph Corp. Combined television transmitter and telephone. 200,470, 3–2–65, Cl. D26—14.
Byer, Edward L., and J. Cuccio, to International Telephone and Telegraph Corp. Combined receiver and telephone. 200,975, 4–27–65, Cl. D56—4.
Byer, Edward L., and J. L. Stark, to International Telephone and Telegraph Corp. Combined television receiver and printer. 203,342, 12–28–65, Cl. D26—14.
Bylsma, Simon, and E. A. Madison, to Remcor Inc. Lawn spreader for fertilizer, seed or the like. 202,057, 8–24–65, Cl. D35—2.
CTS Corp.: *See*—
Van Benthuysen, John. 202,551.
Cabell, Douglas N., and A. J. Prizlow, to Ronson Corp. Domestic blending appliance. 202,685, 10–26–65, Cl. D89—1.
Cables, Merle L. Game board. 202,048, 8–24–65, Cl. D34—5.
Cain, Bertram J. Mobile display and storage cabinet. 202,458, 9–28–65, Cl. D80—11.
Cairatti, Anthony E.: *See*—
Schafroth, Werner, and Cairatti. 201,204.
Caisse, Paul G., to The Fuller Brush Co. Plastic jug. 201,103, 5–11–65, Cl. D58—5.
Cal-Dak Co., The: *See*—
Zierhut, Clarence D. 202,046.
California Metal Enameling Co.: *See*—
Alfvegren, Arden A. 201,045.
California Trading Co., Ltd.: *See*—
Nakayama, Yasuo. 203,073.
Califra, John T. Jeweler's gauge for precious stones. 200,174, 1–26–65, Cl. D52—6.
Calloway, Richard W.: *See*—
Walker, James H. 201,828.

Caloric Corp.: *See*—
Johannes, Henry R. 200,889.
Johannes, Henry R. 200,890.
Johannes, Henry R. 200,891.
Johannes, Henry R. 201,042.

Calumet Steel Castings Corp.: *See*—
Veselik, Emil, and Wilson. 203,286.

Calvin, Timothy D. Sidewall. 200,689, 3–23–65, Cl. D90—20.

Calwell, John B., to The A. G. Stafford Co. Combined storage and display stand for golf bags. 201,332, 6–8–65, Cl. D80—9.

Cambridge Rubber Co.: *See*—
Bingham, George H., Jr., and Olson. 201,865.

Cameron, Alexander M., and F. S. Louw; said Cameron assor. to said Louw. Portable cubicle. 202,880, 11–16–65, Cl. D13—1.

Cammack, Mary E. Container for sippable liquids, or the like. 202,074, 8–24–65, Cl. D58—9.

Camp, William W., to Heinemann Electric Co. Circuit breaker. 203,271, 12–21–65, Cl. D26—13.

Campbell, Andrew J. Window regulator. 200,954, 4–27–65, Cl. D10—10.

Campbell, Francis W., to General Electric Co. Console phonograph or the like. 201,306, 6–8–65, Cl. D56—4.

Campbell, Granville H. Sheet of elastomeric material or similar article. 200,036, 1–5–65, Cl. D87—3.

Campbell, Granville H. Sheet of elastomeric material or similar article. 200,037, 1–5–65, Cl. D87—3.

Campbell, Granville H. Sheet of elastomeric material or similar article. 200,039, 1–5–65, Cl. D87—3.

Campbell, John B., to The Procter & Gamble Co. Jug. 200,261, 2–9–65, Cl. D58—5.

Campbell, Laurie J., to Louis Marx & Co., Inc. Toy vehicle. 202,637, 10–26–65, Cl. D34—15.

Campbell, Patrick J.: *See*—
Peters, Ray J., and Campbell. 201,575.

Canada, Her Majesty The Queen In Right of: *See*—
Snowball, Jeanie. 202,565.

Canfield, Earl L. Floor lamp or similar article. 201,567, 7–6–65, Cl. D48—20.

Cann, Richard T., T. R. Hinckley, and F. O. Gardner, to Erdle Perforating Co. Architectural panel. 201,994, 8–17–65, Cl. D54—2.

Capezzuto, John P.: *See*—
Bateman, Robert F., and Capezzuto. 200,980.

Caporale, Eugene R. Combined paddle and catching toy. 200,718, 3–30–65, Cl. D34—15.

Caporale, Eugene R. Inflatable ball flip and catch toy. 200,719, 3–30–65, Cl. D34—15.

Caporale, Eugene R. Tethered ball game paddle. 201,893, 8–10–65, Cl. D34—15.

Carena S.A.: *See*—
Maier, Elmar. 200,025.

Carey, David L., and R. Q. Riley. Bicycle. 202,968, 11–16–65, Cl. D90—8.

Carls, Marcus J. Painter's shield or similar article. 202,654, 10–26–65, Cl. D54—13.

Carlson, Arthur W., to E. H. Sheldon & Co. Combined mobile laboratory table and cabinet unit. 201,964, 8–17–65, Cl. D16—2.

Carlson, Axel G. Game board. 203,205, 12–14–65, Cl. D34—5.

Carlson, Robert T. Combined golf ball dispenser and tee holder. 202,991, 11–23–65, Cl. D34—5.

Carnese, William J. Dental chair. 199,978, 1–5–65, Cl. D15—3.

Caro, Inc.: *See*—
Katz, Adolph. 202,370.

Carpenter, Herbert R., to Dominion Electric Corp. Waffle grill. 202,959, 11–16–65, Cl. D81—10.

Carpenter, Herbert R., to Dominion Electric Corp. Waffle grill. 202,960, 11–16–65, Cl. D81—10.

Carpenter, Herbert R., to Dominion Electric Corp. Waffle grill. 202,961, 11–16–65, Cl. D81—10.

Carpentier, Theodore, to Los Angeles Harbor Marine Co. Boat. 200,886, 4–13–65, Cl. D71—1.

Carr, Barney J., to Kaman Aircraft Corp. Combined ionization chamber, ion accelerator, axially aligned ion pump and target for a neutron generating apparatus. 202,894, 11–16–65, Cl. D26—1.

Carr, William J., to Heywood-Wakefield Co. Swivel chair. 199,977, 1–5–65, Cl. D15—1.

Carr, William J., to Heywood-Wakefield Co. Chest. 199,982, 1–5–65, Cl. D33—6.

Carr, William J., to Heywood-Wakefield Co. Table. 199,983, 1–5–65, Cl. D33—14.

Carr, William J., to Heywood-Wakefield Co. Headboard for a bed. 200,393, 2–23–65, Cl. D5—4.

Carr, William J., to Heywood-Wakefield Co. Coffee table. 200,412, 2–23–65, Cl. D33—14.

Carr, William J., to Heywood-Wakefield Co. Table or similar article. 200,783, 4–6–65, Cl. D33—14.

Carrier, Byron T. Pony cart or the like. 201,274, 6–8–65, Cl. D14—3.

Carroll, Constance. Combined holder for a can and support for a sponge. 200,334, 2–16–65, Cl. D44—29.

Carsello, Anthony J.: *See*—
Tintary, Raymond, and Carsello. 203,029.
Tintary, Raymond, and Carsello. 203,030.

Carsello, Anthony J., to Ajax Hardware Mfg. Corp. Drawer pull. 200,196, 2–2–65, Cl. D10—8.

Carsello, Anthony J., to Ajax Hardware Mfg. Corp. Pull for a drawer. 203,028, 11–30–65, Cl. D10—8.

Carsello, Anthony J., to Ajax Hardware Mfg. Corp. Pull for a drawer. 203,031, 11–30–65, Cl. D10—8.

Carson, John F. Customer station for a drive-in bank system. 202,980, 11–23–65, Cl. D13—1.

Carter, Ray L.: *See*—
Delaney, Alexander P. 200,556.

Carvel, Thomas. Combination display, storage and dispensing cabinet. 202,595, 10–19–65, Cl. D80—2.

Case Plumbing Mfg. Co.: *See*—
Mox, Dana W. 200,461.

Castellano, Carmin A., to Consolidated Molded Products Corp. Bracket. 201,810, 8–3–65, Cl. D33—3.

Castillo, Herman B.: *See*—
Emde, Ludwig, and Castillo. 200,613.

Castorani, Francesco P., to Quaker Lace Co. Tablecloth. 202,019, 8–17–65, Cl. D92—26.

Caswell, Evelyn C. Baby carrier. 200,759, 4–6–65, Cl. D5—5.

Cat-A-Gator Corp.: *See*—
Fox, Eugene R. 203,257.

Caterpillar Tractor Co.: *See*—
Deffenbaugh, John L., and Simpson. 202,263.

Cavagnaro, William A., and W. L. Blankenship, to General Electric Co. Phonograph pick-up cartridge. 201,557, 7–6–65 Cl. D26—14.

Cavalli, Pompeo. Easy chair. 201,355, 6–15–65, Cl. D15—1.

Cave, Robert L., to Buckeye Bait Corp. Packaging container. 201,644, 7–13–65, Cl. D58—12.

Cederberg, Howard R., and W. C. Bortzfield, to Midwestern Instruments, Inc. Recorder deck. 201,134, 5–18–65, Cl. D26—14.

Cefalde, Joseph. Combined water and plant fertilizer applicator. 203,206, 12–14–65, Cl. D35—1.

Cefaly, Ralph. Golf putter. 200,585, 3–16–65, Cl. D34—5.

Centa, Gastone. Knife or similar article. 202,892, 11–16–65, Cl. D22—3.

Centa, Gastone. Fork or similar article. 203,072, 11–30–65, Cl. D54—12.

Centrone, Eugene. Display ice cream roadstand. 202,982, 11–23–65, Cl. D13—1.

Century Metalcraft Corp.: *See*—
Rawald, Kenneth E. 202,995.

Cesareo, Leo. Food packaging tray or similar article. 200,359, 2–16–65, Cl. D58—12.6.

Chadbourn, Charles H. Bottle marker. 201,711, 7–20–65, Cl. D55—1.

Chambers & Chambers: *See*—
Chambers, Ralph F. 201,263.

Chambers, Howard L., W. E. Leek, and A. Slaboc, to Remington Arms Co., Inc. Firearm. 201,366, 6–15–65 Cl. D30—1.

Chambers, Ralph F., to Chambers & Chambers. Outboard motor bracket. 201,263, 6–1–65, Cl. D71—1.

Chambers, William W.: *See*—
Davis, Charles J., Landell, and Chambers. 202,768.

Champion Papers Inc.: *See*—
Whitchurch, William E. 201,491.

Chance, A. B., Co.: *See*—
Fry, Thomas R., and Lewis. 202,520.

Chandler, Wesley M., and P. F. Heuser, to Wilbert W. Haase Co. Burial vault cover. 202,039, 8–24–65, Cl. D19—1.

Chang, Kung P., to Zunino Altman, Inc. Artificial leaf or the like. 200,471, 3–2–65, Cl. D29—1.

Chang, Kung P., to Zunino Altman, Inc. Artificial leaf or the like. 200,472, 3–2–65, Cl. D29—1.

Channel Master Corp.: *See*—
Greenberg, Harry, and Liu. 202,624.

Chapiewsky, Levi C. Illuminable display box for photographic transparencies. 201,500, 6–29–65, Cl. D29—20.

Chaplin, John B.: *See*—
Bassett, Francis P., Chaplin and Earl. 200,826.

Chapman, Dave, and R. C. Le Sueur, to Scovill Mfg. Co. Power operated knife. 200,905, 4–20–65, Cl. D22—3.

Chapman, Dave, and R. C. Le Sueur, to Scovill Mfg. Co. Motor driven power unit. 201,818, 8–3–65, Cl. D44—1.

Chapman, Dave, and R. C. Le Sueur, to Scovill Mfg. Co. Power unit for a food mixer. 201,983, 8–17–65, Cl. D44—1.

Chapman, Martha W.: *See*—
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Chard, John H., to RCR Plastic Arts, Inc. Storage tray for drill taps or the like. 200,815, 4–6–65, Cl. D58—13.

Charles, Asa F.: *See*—
Mowatt-Larssen, Rolf, Charles, and Lee. 201,477.
Mowatt-Larssen, Rolf, Charles, and Lee. 201,478.

Charles, Asa F., to ACF Industries, Inc. Railway car. 202,077, 8–24–65, Cl. D66—1.

Charlton, Walter T., to The Seeburg Corp. Pendant cluster loud-speaker or similar article. 202,899, 11–16–65, Cl. D26—14.

Charmfit of Hollywood, Inc.: *See*—
Froehlich, Harry W. 200,234.

Charpentier, Louis E.: *See*—
Di Russo, Amedeo, and Charpentier. 200,190.

Chase, David O.: *See*—
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Cheesman, Kenneth D. Container closure cap. 200,981, 4–27–65, Cl. D58—26.

Cheney, Ralph G. Nebulizer. 202,399, 9–21–65, Cl. D83—1.

Chernock, Stephen P. Smoking pipe. 203,377, 12–28–65, Cl. D85—8.
Cheshire Inc.: *See*—
Mox, Dana W. 203,012.
Chessrown, James D. Headrest for a dental chair. 202,338, 9–21–65, Cl. D15—3.
Chiarello, Sesto. Light shade. 202,918, 11–16–65, Cl. D48—16.
Chicago Aerial Industries, Inc.: *See*—
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Chicago Pneumatic Tool Co.: *See*—
Fischer, Howard R. 200,732.
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Gale, John A. 201,794.
Riedel, Oliver H. 199,975.
Chion, Christ, to Allan Mfg. Co. Roller guide for a fishing rod. 203,273, 12–21–65, Cl. D31—4.
Chreist, Louis R., Jr., to South Bend Toy Mfg. Co., Inc. Chair. 202,265, 9–14–65, Cl. D15—1.
Christensen, James B. Tool for coupling hydraulic hoses. 202,929, 11–16–65, Cl. D54—13.
Christian, Francis R., to The Merit Co. Casket. 202,266, 9–14–65, Cl. D19—1.
Christian, John R. Ash tray. 200,456, 2–23–65, Cl. D85—2.
Christie, Cornelius W., to General Electric Co. Portable phonograph or the like. 201,205, 5–25–65, Cl. D56—4.
Christine, William C., and J. E. Pierce, Allen Electronics, Inc. Vending machine. 203,222, 12–14–65, Cl. D52—3.
Christoffersen, Kurt, to The Artistic Wire Products Co. of Conn., Inc. Bottle caddy. 200,482, 3–2–65, Cl. D44—10.
Christoffersen, Kurt, to The Artistic Wire Products Co. of Connecticut, Inc. Baker's cooling rack. 201,903, 8–10–65, Cl. D44—29.
Chubbs, Howard L. Ladder. 203,173, 12–14–65, Cl. D15—8.
Cianca, Donald P., to Joslyn Mfg. and Supply Co. Luminaire. 203,294, 12–21–65, Cl. D48—31.
Ciccone, Anthony P. Machine for washing and cleaning dentures, or the like. 200,346, 2–16–65, Cl. D49—1.
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Albinson, Don C., and Cirlin. 201,053.
Citro, John. Golf club. 202,504, 10–12–65, Cl. D34—5.
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Spencer, Richard H. H. 203,003.
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Brown, Warner K. 201,176.
Burgess, Glenn W. 202,494.
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Saporito, Dominic A., and Highberger. 200,901.
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Clark, James T. Compressed air blow gun. 200,677, 3–23–65, Cl. D62—2.
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Clarke, Gilmore D. 201,178.
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Drummond, Archie G., Jr., Vanderhyde, and Jackson. 202,219.
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Clayton, La Verne E., to Amerock Corp. Knob. 200,095, 1–19–65, Cl. D10—8.
Clayton, La Verne E., to Amerock Corp. Pull. 200,195, 2–2–65, Cl. D10—8.
Clayton, La Verne E., to Amerock Corp. Panel ornament. 201,074, 5–11–65, Cl. D13—6.
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Cleary, John J.: *See*—
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Clement, Theodore G.: *See*—
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Clift, James B. Combination bath tub and shower mat. 201,241, 6–1–65, Cl. D9—6.
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Cohen, Clarence B., W. G. Koerner, and I. N. Spielberg, to Thompson Ramo Wooldridge Inc. Re-entry body. 200,-369, 2–16–65, Cl. D71—1.
Cohen, Clarence B., W. G. Koerner, and I. N. Spielberg, to Thompson Ramo Wooldridge Inc. Combined manned spacecraft with staged re-entry body. 201,772, 7–27–65, Cl. D71—1.
Cohen, Frank B. Tray for a car seat rest. 199,993, 1–5–65, Cl. D44—10.
Cohen, Lou, and I. R. Belinkoff, to Riviera Appliance Corp. Combined electric broiler and rotisserie. 202,958, 11–16–65, Cl. D81—10.
Cohen, Melvin. Hand truck. 203,108, 12–7–65, Cl. D14—3.
Cole, Douglas L. Easel. 200,581, 3–16–65, Cl. D29—20.
Cole, Edwin I., to The Stiffel Co. Base for table lamps. 200,727, 3–30–65, Cl. D48—20.
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Delaney, Alexander P.; ⅓ to R. L. Carter, and ⅓ to W. G. Stone. Combined bracket and blower for broilers and the like. 200,556, 3–9–65, Cl. D62—2.
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Heisler, Jerome S., and Liebertz. 202,382.
D'Elia, Anthony N.: *See*—
Katzman, Lawrence, Briggin, Stolarz, and D'Elia. 201,721.
Delphos Bending Co., The: *See*—
Peltier, Leslie C. 201,559.
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Constan, Roy F. 201,190.
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Horowitz, Jesse D. 202,054.
Horowitz, Jesse D. 202,204.
Horowitz, Jesse D. 202,205.
Horowitz, Jesse D. 202,206.
Horowitz, Jesse D. 202,280.
Pfister, Robert D. 201,561.
De Man, Heiko T. Combined label printer and applicator. 202,945, 11–16–65, Cl. D64—10.
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Sonneveldt, Julian H., and Demetreon. 201,023.
Demler, Henry W., Sr., and E. Floyd, Jr., to AMP Inc. Coaxial crimping machine. 200,802, 4–6–65, Cl. D54—14.
Demler, Henry W., Sr., and E. Floyd, Jr., to AMP Inc. Coaxial crimping machine. 202,927, 11–16–65, Cl. D54—13.
De Phillips, Gaeton J., to Potter Instrument Co., Inc. Inspection machine. 202,127, 8–31–65, Cl. D55—1.
De Puy, Ronald G.: *See*—
Dann, Herbert I., Jr., De Puy, and Wright. 200,487.
De Puy, Ronald G., to Corning Glass Works. Detachable handle for cooking utensils or the like. 202,570, 10–19–65, Cl. D44—29.
De Puy, Ronald G., and R. W. Greger, to Corning Glass Works. Covered skillet or the like. 202,912, 11–16–65, Cl. D44—1.
Derby S.A.: *See*—
Vuille, Claude. 201,144.
D'Ercoli, Giacinto C., to McGraw-Edison Co. Luminaire. 200,344, 2–16–65, Cl. D48—31.
D'Ercoli, Giacinto C., to Consolidated Electronics Industries Corp. Antenna rotator remote control housing. 202,623, 10–26–65, Cl. D26—13.
Derenski, Frank W. Combined letter opener, writing instrument and pencil sharpener. 201,734, 7–20–65, Cl. D74—17.
De Roco, Jack J. Child's coaster toy. 200,864, 4–13–65, Cl. D34—15.
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Hershberger, Olin C., and Derr. 201,790.
Hershberger, Olin C., and Derr. 201,791.
Derrickson, Michael O., to FMC Corp. Portable strap dispenser. 201,088, 5–11–65, Cl. D41—1.
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Deschamps, Robert L., and M. B. Lorig. Phonograph cartridge. 201,802, 8–3–65, Cl. D26—14.
Deschamps, Robert L., and M. B. Lorig. Phonograph needle. 201,803, 8–3–65, Cl. D26—14.
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Deskey, Donald, and A. Lurkis. Combined single arm outdoor lighting standard street sign, and luminaire. 201,826, 8–3–65, Cl. D48—31.
Deskey, Donald, and A. Lurkis; said Deskey assor. to The City of New York. Combined outdoor lighting standard and luminaires therefor. 202,372, 9–21–65, Cl. D48—31.
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De Vay, Robert B. Charm or similar article. 202,996, 11–23–65, Cl. D45—17.
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De Vries, Joseph P., to Owens-Illinois Glass Co. Bottle. 201,581, 7–6–65, Cl. D58—6.
Dexter, Leonard. Combined brake drum and wheel. 200,102, 1–19–65, Cl. D14—30.
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Reifers, Richard F. 203,078.
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Struble, Glenn E. 202,304.
Struble, Glenn E. 202,305.
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Dickenson, Marshall and D. E., to Santa Paula Orange Association. Truck body. 200,848, 4–13–65, Cl. D14—3.
Dickinson, Robert E., to Mobile Drilling Co., Inc. Excavator tooth for earth working equipment. 201,978, 8–17–65, Cl. D39—1.
Dickman, Walter H. Handle for a quick release pin. 200,799, 4–6–65, Cl. D54—9.
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Diesinger, William C., Jr. Spice rack. 203,057, 11–30–65, Cl. D44—29.
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Dike, Roy W., to Continental Can Co., Inc. Jug. 201,580, 7–6–65, Cl. D58—5.
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Dills, Leland L.: *See*—
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Di Maggio, Dominic P. Archery target. 202,566, 10–19–65, Cl. D34—5.
Di Martino, Peter F. Tool for screw eyes. 203,298, 12–21–65, Cl. D54—13.
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Picot, Bernard T. E. 201,401.
Dirkse, Donald J., to The Dow Chemical Co. Brick column. 201,495, 6–29–65, Cl. D13—4.
Dirkse, Donald J., to The Dow Chemical Co. Brick bench. 203,263, 12–21–65, Cl. D15—11.
Di Russo 'Amedeo, and L. E. Charpentier, to Sportsmen's Plastics, Inc. Child's training chair. 200,190, 2–2–65, Cl. D4—5.
Di Sesa, Frank J., Jr., to Sunbeam Corp. Manicure case. 202,967, 11–16–65, Cl. D86—10.
Disman, Murray I., and C. M. Eallonardo, to Eitel-McCullough, Inc. Combined traveling wave tube and power supply housing or similar article. 201,553, 7–6–65, Cl. D26—1.
Di Tirro, Joe A., to Marianna Corp. Combined comb, toothbrush, and toothpaste rack. 201,540, 7–6–65, Cl. D4—3.
Ditson, John R. Live bait lure. 200,711, 3–30–65, Cl. D31—4.
Ditto, Eugene D., to Marine Optical Mfg. Co. Spectacle frame. 200,073, 1–12–65, Cl. D57—1.
Ditto, Eugene D., to Marine Optical Mfg. Co. Spectacle temple. 202,525, 10–12–65, Cl. D57—1.
Divietro, James F. Telephone amplifier. 202,191, 9–7–65, Cl. D26—14.
Dobson, James L. Sleigh or similar article. 202,203, 9–7–65, Cl. D34—15.
Dobson, Kenneth V. Toy spring shoe. 201,372, 6–15–65, Cl. D34—14.
Doerfler, Robert L., to The International Silver Co. Fork or similar article of flatware. 202,295, 9–14–65, Cl. D54—12.
Doerfler, Robert L. Fork or similar article of flatware. 202,816, 11–9–65, Cl. D54—12.
Doherty, Norman R. Electric tacker. 203,142, 12–7–65, Cl. D54—14.

Dole, Charles M., Jr., and R. S. Quandt. Electrometer or similar article. 201,360, 6–15–65, Cl. D26—1.
Dominion Electric Corp.: *See*—
Cox, Austin E. 202,367.
Carpenter, Herbert R. 202,959.
Carpenter, Herbert R. 202,960.
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Dore, Orville C.: *See*—
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Dorfman, Daniel, to Lawn-A-Mat Chemical & Equipment Corp. Combine. 200,165, 1–26–65, Cl. D40—1.
Dorman, William H. Street lighting refractor. 201,034, 5–4–65, Cl. D48—16.
Doss, Ted, to H. L. Michaeles. Sign or similar article. 202,-326, 9–21–65, Cl. D1—12.
Doster, Anne, to Tycos Tool & Die Co. Ltd. Prismatic reflector. 201,033, 5–4–65, Cl. D48—16.
Doughty, Dennis L.: *See*—
Newlin, Frederick L., Jr., and Doughty. 201,715.
Douglas Aircraft Co., Inc.: *See*—
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Kellinger, Harry L., and Milburn. 200,664.
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Douglas, Helen E. Garment hanger. 203,016, 11–23–65, Cl. D80—8.
Douglas, Livingston C.: *See*—
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Douglas, Livingston C., to Colgate-Palmolive Co. Dispenser top for a pressurized can. 200,124, 1–19–65, Cl. D58—26.
Douglas, Livingston C., to Colgate-Palmolive Co. Bottle or similar article. 200,737, 3–30–65, Cl. D58—9.
Douglas, Livingston C., to Colgate-Palmolive Co. Bottle or similar article. 201,841, 8–3–65, Cl. D58—9.
Douglas, Livingston C., to Colgate-Palmolive Co. Bottle or similar article. 201,842, 8–3–65, Cl. D58—9.
Douglas, Livingston C., to Colgate-Palmolive Co. Dispensing container or similar article. 202,002, 8–17–65, Cl. D58—17.
Douglas, Livingston C., to Colgate-Palmolive Co. Dispensing container or similar article. 202,003, 8–17–65, Cl. D58—17.
Douglas, Livingston C., to Colgate-Palmolive Co. Bottle or similar article. 202,073, 8–24–65, Cl. D58—9.
Douglas, Livingston C., to Colgate-Palmolive Co. Bottle or similar article. 202,934, 11–16–65, Cl. D58—9.
Douglas, Livingston C., to Colgate-Palmolive Co. Bottle or similar article. 203,304, 12–21–65, Cl. D58—9.
Douglas, William A., to The Mira Corp. Portable electric power drill. 201,153, 5–18–65, Cl. D54—14.
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Dirkse, Donald J. 201,495.
Dirkse, Donald J. 203,263.
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Platte, Richard L. 200,356.
Swayze, Clark E. 200,672.
Dowit, Harold C. Holder for measuring implements or the like. 200,919, 4–20–65, Cl. D44—29.
Dowit, Harold C. Bar of soap. 201,726, 7–20–65, Cl. D73—1.
Dowit, Harold C. Opener for flexible lids. 202,646, 10–26–65, Cl. D44—29.
Downie, Vertis A., and H. Weissman. Combination auxiliary bridge and nose pad attachment for a spectacle frame front. 200,667, 3–23–65, Cl. D57—1.
Downing, James W., G. R. Jansen, R. L. Kauffman, and P. H. Patten, to Douglas Aircraft Co., Inc. Control wheel. 200,-614, 3–16–65, Cl. D71—1.
Doyle, Ray F., to Everhard Products Inc. Auto kick plate. 202,030, 8–24–65, Cl. D14—6.
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Dreyfus, Joseph. Golf tee. 201,890, 8–10–65, Cl. D34—5.
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Dreyfuss, Henry, to Bell Telephone Laboratories, Inc. Video transceiver. 200,495, 3–2–65, Cl. D56—4.
Dreyfuss, Henry, to The Singer Co. Sewing machine. 202,-589, 10–19–65, Cl. D70—1.
Dreyfuss, Henry, J. W. Ericsson, and R. E. Prescott, to Bell Telephone Laboratories, Inc. Combined telephone enclosure and support. 202,615, 10–26–65, Cl. D13—1.
Dreyfuss, Henry, L. W. Mosing, and R. E. Prescott, to Bell Telephone Laboratories, Inc. Combined telephone handset and stand. 202,787, 11–9–65, Cl. D26—14.
Dreyfuss, Henry, L. W. Mosing, and R. E. Prescott, to Bell Telephone Laboratories, Inc. Telephone handset. 202,788, 11–9–65, Cl. D26—14.
Drucker, George A. Camera. 200,126, 1–19–65, Cl. D61—1.
Drummond, Archie G., Jr., H. J. Vanderhyde, and A. G. Jackson, to Anderson Clayton & Co. Bottle. 202,219, 9–7–65, Cl. D58—6.
Druskis, Peter P. Drawing desk. 203,196, 12–14–65, Cl. D33—7.
Dubin, Alvin A. Embroidered fabric, or similar article. 200,043, 1–5–65, Cl. D92—1.
Dubin, Alvin A. Embroidered fabric, or similar article. 200,044, 1–5–65, Cl. D92—1.
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Duncan, Alan W., to Sears, Roebuck and Co. Electric hot plate or the like. 200,083, 1–12–65, Cl. D81.
Duncan, Alan W., and J. A. Burlini, to Sears, Roebuck and Co. Mailbox. 200,452, 2–23–65, Cl. D74—9.
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Du Pree, Ernest L., to Schenley Industries, Inc. Combined decanter closure and candle stick holder. 201,104, 5–11–65, Cl. D58—26.
Du Pree, Ernest L., to Schenley Industries, Inc. Decanter and closure therefor. 202,220, 9–7–65, Cl. D58—6.
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Du Pree, Ernest L., to Schenley Industries, Inc. Decanter and closure therefor. 202,223, 9–7–65, Cl. D58—8.
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Du Pree, Ernest L., to Schenley Industries, Inc. Decanter and closure therefor. 202,383, 9–21–65, Cl. D58—6.
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Ernest, Robert O., and R. E. Watson, to Sunbeam Corp. Power unit for a food mixer or the like. 201,758, 7–27–65, Cl. D44—1.
Ernst, W. Arthur, to Howard Industries, Inc. Hand grinder. 202,800, 11–9–65, Cl. D37—1.
Erp, Erwin J., to Brady Mfg. Corp. Scattering unloading machine. 201,029, 5–4–65, Cl. D35—2.
Erskine, Lawrence F. Lead sight for guns. 201,368, 6–15–65, D30—1.
Escalante, Conrad J. Outdoor advertising sign or similar article. 200,229, 2–9–65, Cl. D1—12.
Escalante, Conrad J. Illuminable display sign or similar article. 201,271, 6–8–65, Cl. D1—12.
Escalette, Henry R., to Ajax Hardware Mfg. Corp. Cabinet knob. 201,122, 5–18–65, Cl. D10—8.
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Esser, Harold H., to Ideal Industries, Inc. Screw-on cap connector. 200,538, 3–9–65, Cl. D26—1.
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Feer, Lawrence P., to General Motors Corp. Portable radiographic exposure unit. 200,380, 2–16–65, Cl. D83—1.
Feer, Lawrence P., to General Motors Corp. Portable radiographic exposure unit. 200,381, 2–16–65, Cl. D83—1.
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Feinberg, Steven S. Luggage case or similar article. 200,142, 1–19–65, Cl. D87—5.
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Feldman, Edwin B., to Service Engineering Associates, Inc. Combined cigarette snuffer and ash-receiving receptacle for public trash cans. 201,941, 8–10–65, Cl. D85—2.
Feldman, Edwin B., to Service Engineering Associates, Inc. Combined cigarette snuffer and ash-receiving receptacle for public trash cans. 201,942, 8–10–65, Cl. D85—2.
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Feldman, Edwin B. Measuring cup. 202,369, 9–21–65, Cl. D44—9.
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Fiedler, Willy A., to Lockheed Aircraft Corp. Deep submergence underwater vehicle. 200,941, 4–20–65, Cl. D71—1.
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Fischler, Henry, to International Swimming Pool Corp. Swimming pool. 201,959, 8–17–65, Cl. D13—1.
Fisher, Robert. Card display holder. 202,759, 11–9–65, Cl. D1—3.
Fisher, Robert C. Safety belt buckle. 202,105, 8–31–65, Cl. D17—1.
Fisher, Stanton E. Pet animal mastication aid. 202,330, 9–21–65, Cl. D12—2.
Fisher, Stanton E. Pet animal mastication aid. 202,331, 9–21–65, Cl. D12—2.
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Fleming, Joseph B., Jr., and F. H. Porter, to Fleming & Sons, Inc. Molded pulp egg tray. 201,847, 8–3–65, Cl. D58—13.
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Fleming, Joseph B., Jr., and Porter. 201,848.
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Fletcher, George, to B. & W. Power (Holdings) Ltd. Internal combustion engine. 202,953, 11–16–65, Cl. D77—1.
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Foerster, James A., to Wabash Magnetics, Inc. Encapsulated electrical coil. 203,178, 12–14–65, Cl. D26—1.
Foerster, James A., to Wabash Magnetics, Inc. Encapsulated electrical coil. 203,179, 12–14–65, Cl. D26—1.
Foerster, James A., to Wabash Magnetics, Inc. Encapsulated electrical coil. 203,180, 12–14–65, Cl. D26—1.
Folden, Clarence L., to Sears, Roebuck & Co. Lawn sprinkler. 200,387, 2–16–65, Cl. D91—1.
Folden, Clarence L., to Sears, Roebuck & Co. Sprinkler. 200,893, 4–13–65, Cl. D91—1.
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Forsman, Fred O., and G. McCutcheon, to Westland Plastics, Inc. Child's toilet seat. 202,692, 11–2–65, Cl. D4—5.
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Foster, John R., to Vonnegut Hardware Co. Panic exit case. 199,964, 1–5–65, Cl. D10—88.
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Franklin, Burton P., and J. H. Parcher, to H. K. Porter Co. (Delaware). Combined handle and motor housing for portable power tools. 202,378, 9–21–65, Cl. D54—74.
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Frederick, Eugene G., and G. H. Cooper, to United Shoe Machinery Corp. Rod cement extruder. 201,836, 8–3–65, Cl. D54—13.
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Freese, Verne. Wall block unit. 201,966, 8–17–65, Cl. D18—2.
Freitas, Alfred J., 49/100 to P. Pollard. Ironing board. 202,064, 8–24–65, Cl. D49—1.
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Freund, Sylvan and M. Display stand. 200,455, 2–23–65, Cl. D80—9.
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Frost, George H., to Sunbeam Corp. Food mixer or the like. 201,896, 8–10–65, Cl. D44—1.
Frost, George H., to Sunbeam Corp. Food mixer or the like. 201,897, 8–10–65, Cl. D44—1.

Frost, George H., and R. S. Waters, to Westinghouse Electric Corp. Vacuum cleaner or the like. 200,047, 1–12–65, Cl. D9—2.
Frost, George H., and R. S. Waters, to Westinghouse Electric Corp. Vacuum cleaner handle or the like. 201,351, 6–15–65, Cl. D9—2.
Frost, George H., and R. S. Waters, to Westinghouse Electric Corp. Canister vacuum cleaner or the like. 201,613, 7–13–65, Cl. D9—2.
Frost, George H., and R. S. Waters, to Westinghouse Electric Corp. Vacuum cleaner handle or the like. 202,257, 9–14–65, Cl. D9—2.
Frost, John W. Dispensing head for a pressurized can. 200,818, 4–6–65, Cl. D58—26.
Frost, Theodore, to Bright Star Industries, Inc. Watch holder. 202,642, 10–26–65, Cl. D42—8.
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Fry, Thomas R., and P. E. Lewis, to A. B. Chance Co. Tangent bracket. 202,520, 10–12–65, Cl. D54—1.
Fuchs, Friedrich. Slipping foot for a toy top. 200,325, 2–16–65, Cl. D34—15.
Fuerst, Brooks D., to Owens-Illinois Glass Co. Jar. 200,122, 1–19–65, Cl. D58—25.
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Geller, Rodger E., to General Motors Corp. Steering wheel. 202,423, 9–28–65, Cl. D14—30.
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Grant, Stanley. Cosmetic vanity cabinet. 203,120, 12–7–65, Cl. D33—6.
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Grant, Ulysses S. V. Counter top mounting for built-in toaster. 201,415, 6–15–65, Cl. D81—10.
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Conway, Ronald I., Graser, and Sheppley. 201,184.
Graser, Clarence F., and R. V. Jones, to International Business Machines Corp. Indicator panel. 200,468, 3–2–65, Cl. D26—5.
Graser, Clarence F., and W. S. Sheppley, Jr., to International Business Machines Corp. Computer console. 200,469, 3–2–65, Cl. D26—5.
Graser, Clarence F., and R. V. Jones, to International Business Machines Corp. Cabinet for a tape system. 202,553, 10–19–65, Cl. D26—5.
Grasmehr, Donald W., to The Tappan Co. Control console for faucets and the like. 202,407, 9–21–65, Cl. D91—3.
Gray Mfg. Co., The: *See*—
Yang, Peter Q. 202,044.
Grebe, John J. Aircraft. 200,743, 3–30–65, Cl. D71—1.
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Grebe, John J. Aircraft. 200,825, 4–6–65, Cl. D71—1.
Green, Edward H. Sprayhead for a pressurized package. 200,125, 1–19–65, Cl. D58—26.
Green, Hiram J. Writing instrument holder. 201,479, 6–22–65, Cl. D74—21.
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Gore, Fred M. 202,202.
Greenberg, Harry, and C. C. Y. Liu, to Channel Master Corp. Antenna array or similar article. 202,624, 10–26–65, Cl. D26—14.
Greenberg, Leonard E. Snow vehicle. 201,815, 8–3–65, Cl. D34—15.
Greene, Charles V. Combined can holder and pitcher. 202,645, 10–26–65, Cl. D44—21.
Greene, Harry R., to West Coast Yacht Co. Boat. 202,455, 9–28–65, Cl. D71—1.
Greene, Reginald E., to Lockheed Aircraft Corp. Combined oscillograph record developer and scanning table or the like. 200,855, 4–13–65, Cl. D26—5.
Greenhaw, Edmond B., to American Electric Mfg. Corp. Luminaire. 203,217, 12–14–65, Cl. D48—31.
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Greenwald, Harry, ⅛, each to L. Wolff, and H. Silberglait. Door for vending machines or the like. 202,288, 9–14–65, Cl. D52—3.
Greenwald, Harry, ⅛, each to L. Wolff and H. Silberglait. Door for vending machines or the like. 202,289, 9–14–65, Cl. D52—3.
Greenwald, Harry, ⅛ to L. Wolff, and ⅛ to H. Silberglait. Coin slide for vending machines or the like. 202,731, 11–2–65, Cl. D52—3.
Greenwell, Joseph L. Plastic container for liquids. 202,744, 11–2–65, Cl. D58—17.
Greenwood, Beatrice. Game board. 202,636, 10–26–65, Cl. D34—5.
Greenwood, George B. Book end. 201,809, 8–3–65, Cl. D33—3.
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McLean, James, Vogelsang, and Greer. 200,987.
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Gregory, Roland W. Cup. 203,054, 11–30–65, Cl. D44—9.
Grey, Paul S. Door corner protector. 201,008, 5–4–65, Cl. D10—7.
Gribbens, William J., to Plastics, Inc. Portable serving unit. 202,493, 10–12–65, Cl. D14—3.
Grinnell, Charles W., M. A. Williamson, Jr., and A. F. Cleaveland, to Colony Mfg. Co., Inc. Distress signal for automobiles. 201,227, 5–25–65, Cl. D72—1.
Grinyer, Edward G., to The Hoover Co. Suction cleaner. 200,094, 1–19–65, Cl. D9—2.
Groff, Emory L. Sponge rack. 203,058, 11–30–65, Cl. D44—29.
Groff, Emory L., Jr. Bottle. 200,357, 2–16–65, Cl. D58—5.
Grogel, Merrill A., to Reynolds Metals Co. Pie plate. 200,724, 3–30–65, Cl. D44—1.
Gross, Harold I., to National Silver Co. Gas igniter gun. 203,349, 12–28–65, Cl. D48—27.
Gross, William M., to Nannette Mfg. Co., Inc. Clothes hanger. 202,846, 11–9–65, Cl. D80—8.
Grove, John J., to Facade, Inc. Door pull. 201,009, 5–4–65, Cl. D10—8.
Grove, Marvin H. Gate valve body. 203,098, 11–30–65, Cl. D91—3.

Groves, John A. Portable heater. 201,113, 5–11–65, Cl. D81—20.
Grube, Clifford E., to Associated Mills, Inc. Combined heater and massager. 203,092, 11–30–65, Cl. D83—1.
Grunwald, Frank M., to General Electric Co. Television receiver. 200,219, 2–2–65, Cl. D56—4.
Grunwald, Frank M., to General Electric Co. Phonograph or the like. 201,524, 6–29–65, Cl. D56—4.
Grusin, Gerald M., to Mohawk Metal Products Corp. Tool box or similar article. 201,741, 7–20–65, Cl. D87—5.
Gruska, Casimir F.: *See*—
Munson, Austin H., and Gruska. 201,253.
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Gruska, Casimir F., to Ekco Products Co. Tool blade for culinary tongs or the like. 203,209, 12–14–65, Cl. D44—4.
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Guerlain, Jean-Pierre, to Guerlain, Inc. Bottle. 200,498, 3–2–65, Cl. D58—8.
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Gunderson, Allen D., to George Gorton Machine Co. Vertical milling machine. 201,389, 6–15–65, Cl. D54—14.
Gusdorf, Walter. Television cart. 200,321, 2–16–65, Cl. D33—14.
Gusdorf, Walter. Television cart. 200,476, 3–2–65, Cl. D33—14.
Gusdorf, Walter. Display cart. 202,885, 11–16–65, Cl. D14—3.
Gust, Jimmy A. Snow sled. 201,626, 7–13–65, Cl. D34—15.
Guthrie, Mancel F. Gameboard table. 199,986, 1–5–65, Cl. D34—5.
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Walker, Robert L. 202,675.
Haas, Betty L.: *See*—
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Hachten, Boyd J., A. D. Sterges, and C. G. Brown, to Purex Corp., Ltd. Jug. 200,441, 2–23–65, Cl. D58—5.
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Kaelke, Edwin K. 201,444.
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Haga, Henry G., to General Motors Corp. Wheel cover. 202,034, 8–24–65, Cl. D14—30.
Hager, Verna G. Maternity dress. 202,165, 8–7–65, Cl. D3—26.
Hagglund, Mary. Diaper bag. 202,381, 9–21–65, Cl. D58—2.
Hagin, Forest G. P. Game playing board. 202,201, 8–7–65, Cl. D34—5.
Hagle, Kenneth J., Sr., and J. J. Trogan. Display stand. 202,677, 10–26–65, Cl. D80—9.
Hahn, Henry R., to Infranor of North America, Inc. Floodlight or similar article. 202,727, 11–2–65, Cl. D48—20.
Hahn, Le Roy. Shoe heel. 201,002, 5–4–65, Cl. D7—5.
Haifley, Charles P. Dish. 200,867, 4–13–65, Cl. D44—10.
Haines, Donald G. Housing for a phonograph cartridge. 201,365, 6–15–65, Cl. D26—14.
Hakim, Albert S. Shoelace knot retainer. 200,394, 2–23–65, D7—6.
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Halaby, Samuel, Inc.: *See*—
Halaby, Samuel A., Sr., and K. S., and S. A. Halaby, Jr. 202,986.
Halaby, Samuel A., Jr.: *See*—
Halaby, Samuel A., Sr., and K. S., and S. A. Halaby, Jr. 202,986.
Halaby, Samuel A., Sr., and K. S., and S. A. Halaby, Jr., to Samuel Halaby, Inc. Container for insecticide sprayers or similar articles. 202,986, 11–23–65, Cl. D31—3.
Halber, Leon H.: *See*—
Lesser, Jack, and Halber. 200,311.
Hall, Basil, to A.P.V. Paramount Ltd. Conveyor link. 202,814, 11–9–65, Cl. D54—3.
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Hall Paul H.: *See*—
Cooke, Nelson M., and Hall. 202,700.
Hall, Richard B., to Dominion Electric Corp. Cabinet for electric toothbrushes. 200,523, 3–9–65, Cl. D4—3.
Hall, Richard B., to Dominion Electric Corp. Holder for electrically powered knife or the like. 201,145, 5–18–65, Cl. D44—29.
Hall, Richard B., to Dominion Electric Corp. Food mixer or the like. 201,290, 6–8–65, Cl. D44—1.
Hall, Richard B., to Dominion Electric Corp. Electric knife handle. 201,437, 6–22–65, Cl. D22—3.
Hall, Walter J. Rotary slide tray. 202,141, 8–31–65, Cl. D61—1.
Hall, William G., to Jones Shutter Products, Inc. Collapsible shelter. 202,028, 8–24–65, Cl. D13—1.
Hallett Mfg. Co.: *See*—
Livingston, Russell G. 202,844.
Halligan, James C., to Becton, Dickinson and Co. Suction catheter flow regulator or similar article. 200,641, 3–23–65, Cl. D16—1.
Hallock, Edward C. Facing plate. 199,969, 1–5–65, Cl. D13—1.
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Kermes, Constantine J., Koch, and Halls. 200,426.
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Bates, Donald L., and Neal. 199,979.
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Hamilton, Donald A., to Pharmaseal Laboratories. Tray for medical equipment. 202,013, 8–17–65, D83—1.
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Hamlett, Sidney J., to White Consolidated Industries, Inc. Sewing machine or similar article. 203,310, 12–21–65, Cl. D70—1.
Hamm, Opal G. Shampoo dispensing brush. 200,761, 4–6–65, Cl. D9—2.
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Hammes, Josef J., to B. W. Lowell. Baffle for a combination loud speaker, ventilator, and lighting fixture. 200,824, 4–6–65, Cl. D62—4.
Hammesfahr, Frederic W., to J. T. Baker Chemical Co. Handle for accommodating pressurized cylinder closures. 201,962, 8–17–65, D16—2.
Han, Samuel D. Pen clip. 200,746, 3–30–65, Cl. D74—2.
Hance, Jewel B. Restaurant. 202,100, 8–31–65, Cl. D13—1.
Hance, Jewel B. Restaurant sign. 202,164, 9–7–65, Cl. D1—12.
Hancock, David. Food tray. 200,249, 2–9–65, Cl. D44—10.
Hancock, David. Covered food tray. 200,250, 2–9–65, Cl. D44—10.
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Handley, Robert D., to Handley Industries, Inc. Sign. 202,866, 11–16–65, Cl. D1—2.
Hane, Edgar. Table fan. 202,232, 9–7–65, Cl. D62—4.
Hango, Joseph W. Jug. 200,930, 4–20–65, Cl. D58—5.
Hankins, John W. Game board. 200,323, 2–16–65, Cl. D34—5.
Hankins, John W. Game board. 200,324, 2–16–65, Cl. D34—5.
Hanna, Joseph A. Infra-red warmer for cellophane wrapped food. 200,137, 1–19–65, Cl. D81—10.
Hansen, David E., to Eastman Kodak Co. Combined slide projector and slide tray. 201,106, 5–11–65, Cl. D61—1.
Hansen, David E., to Eastman Kodak Co. Photographic camera. 202,667, 10–26–65, Cl. D61—1.
Hansen, David E., to Eastman Kodak Co. Carrying case for a slide projector. 202,861, 11–9–65, Cl. D87—5.
Hanson, John G. Hanger for apparel. 202,954, 11–16–65, Cl. D80—8.
Hanson, John G. Hanger for apparel. 202,955, 11–16–65, Cl. D80—8.
Hanson, Reinhold M.: *See*—
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Mox, Dana W. 201,386.
Mox, Dana W. 201,830.
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Hardaker, John C. K., to The General Electric Co. Ltd. Electric iron. 200,173, 1–26–65, Cl. D49—6.
Hardaker, John C. K., to The General Electric Co. Ltd. Electric iron. 201,041, 5–4–65, Cl. D49—6.
Harding, John R., to Acme Visible Records, Inc. Changeable indicator sign. 201,946, 8–17–65, D1—12.

Hardman, Rena B. Insulating holder for beverage pots. 200,696, 3–23–65, Cl. D92—26.
Hardy, Frank V., and J. R. Galceran. Baseball equipment carry-all. 203,107, 12–7–65, Cl. D14—3.
Hare, Francis P. Flower pot bracket for monuments. 202,281, 9–14–65, Cl. D35—3.
Hare, Homer M., Jr. Shoe sole dressing applicator. 199,961, 1–5–65, Cl. D9—2.
Harkins, William H., to Honeywell Inc. Data processing console or similar article. 201,682, 7–20–65, Cl. D26—5.
Harkins, William H., and J. F. Graham, to Honeywell Inc. Computer or similar article. 201,680, 7–20–65, Cl. D26—5.
Harkins, William H., and J. F. Graham, to Honeywell Inc. High-speed printer or similar article. 201,681, 7–20–65, Cl. D26—5.
Harlamert, Lois A. Mitten. 202,409, 9–28–65, Cl. D3—11.
Harley, James J., to Optics International Corp. Eyeglass frame. 201,921, 8–10–65, Cl. D57—1.
Harley, James J., to Optics International Corp. Spectacle frame front. 202,742, 11–2–65, Cl. D57—1.
Harling, Donald W., to McGraw-Edison Co. Luminaire. 201,909, 8–10–65, Cl. D48—31.
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Kore, Alexander V., and Holt. 202,718.
Harold, Robert E. Flush tank flapper valve frame. 203,322, 12–21–65, Cl. D91—1.
Harold, Robert E., to Kirkhill Inc. Flush tank flapper valve unit. 203,378, 12–28–65, Cl. D91—1.
Harp, James W. Aerial toy. 201,141, 5–18–65, Cl. D34—15.
Harp, James W. Toy hoop roller. 201,973, 8–17–65, D34—5.
Harris, Delmer F., Jr. Exercising and climbing framework for playgrounds. 200,651, 3–23–65, Cl. D34—5.
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Schreckengost, Viktor. 202,389.
Harris, James W. Golf tee. 202,359, 9–21–65, Cl. D34—5.
Harris, Jeanne. Game puzzle board. 201,140, 5–18–65, Cl. D34—5.
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Harris, William C., to S. C. Johnson & Son, Inc. Bottle. 202,527, 10–12–65, Cl. D58—5.
Harris, William C., and K. G. Klema, to S. C. Johnson & Son, Inc. Carrying case for a hand stamp. 201,922, 8–10–65, Cl. D58—12.6.
Harrison, Dwight A. Retail building. 200,529, 3–9–65, Cl. D13—1.
Harrison, Henry R., to A & W Root Beer Co. Drive-in restaurant. 202,415, 9–28–65, Cl. D13—1.
Harrison, Leon Q. Battery cap. 201,440, 6–22–65, Cl. D26—6.
Harrison, Robert R., to The General Industries Co. Denture cleaner. 203,218, 12–14–65, Cl. D49—1.
Harry, Henry A. Slide necktie. 203,154, 12–14–65, Cl. D3—16.
Harshman, Arthur L., to Indiana Glass Co. Flower vase or similar article. 201,136, 5–18–65, Cl. D29—28.
Hart, Arthur L., to American Can Co. Sealing cap. 200,884, 4–13–65, Cl. D58—26.
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Hart, Richard S., to Allen Electric and Equipment Co. Locking gas cap. 202,417, 9–28–65, Cl. D14—18.
Hartman, John H., to Texagon Mills, Inc. Lace. 201,459, 6–22–65, Cl. D47—6.
Hartmann, Max, to Armbrust Chain Co. Link chain. 200,170, 1–26–65, Cl. D45—4.
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Hartwell, Donald S. Combination hair brush and vibrator, or similar article. 201,429, 6–22–65, Cl. D9—2.
Harty, Millard F., Jr., to Perforating Co., Inc. Grille material. 203,071, 11–30–65, Cl. D54—2.
Harty, Millard F., Jr., to Perforating Co., Inc. Grille material. 203,224, 12–14–65, Cl. D54—2.
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Harvey, Homer M., and D. H. Hart, to Harvey Aluminum (Inc.). Single lever valve fixture. 203,246, 12–14–65, Cl. D91—3.
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Beckman, Ronald, and Hatanaka. 203,170.
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Shalvoy, John C., and Hauenstein. 200,709.
Haupt, Horace J., and B. Levin, to Trans-World Office Corp. Projection apparatus or the like. 201,719, 7–20–65, Cl. D61—1.
Häuptli, Walter, to Rotel AG. Kitchen machine base or the like. 200,686, 3–23–65, Cl. D89—1.
Häuptli, Walter, to Rotel AG. Vegetable comminutor receptacle or the like. 201,116, 5–11–65, Cl. D89—1.
Hausam, Leonard P. Coffee maker. 200,843, 4–13–65, Cl. D2—3.
Hauser, Jon W., to National Brush Co. Bath brush. 201,006, 5–4–65, Cl. D9—2.
Hauser, Jon W., to National Brush Co. Bowl brush. 201,007, 5–4–65, Cl. D9—2.
Hauser, Jon W. Combined instrument case and flight desk. 202,250, 9–7–65, Cl. D87—5.
Hauser, Jules L., to Hammer Food Products Corp. Bottle. 201,840, 8–3–65, Cl. D58—8.
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Bamberger, Francois. 201,660.
Hawkes, Hiawatha R. Combined end table and lamp. 202,713, 11–2–65, Cl. D33—14.
Hawkins, Jack S., to Jennings Radio Mfg. Corp. Hermetically sealed electromagnetic relay. 201,080, 5–11–65, Cl. D26—13.
Hawkinson, Paul E., Co.: *See*—
Hawkinson, Raymond P. 200,687.
Olson, Rudolph E. 200,401.
Hawkinson, Raymond P., to Paul E. Hawkinson Co. Tire. 200,687, 3–23–65, Cl. D90—20.
Hayes, Clifton E., to Richard D. Brew and Co., Inc. Vacuum oven housing or similar article. 202,466, 10–5–65, Cl. D16—2.
Hazeley, James E., to Armstrong Cork Co. Ceiling panel. 201,182, 5–25–65, Cl. D18—2.
Hazlewood, Lewis F., and R. J. Shea. Contoured arm board for medical therapy. 201,780, 7–27–65, Cl. D83—1.
Headberg, James. Cabob grille. 202,157, 8–31–65, Cl. D81—10.
Hechtle, Emil, to Radiant Pen Corp. Multicartridge pen. 201,326, 6–8–65, Cl. D74—17.
Hechtle, Emil. Multi-color pen. 203,014, 11–23–65, Cl. D74—17.
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Sundberg, Carl W., and Heck. 200,740.
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Conti, John A. 200,715.
Hedu, Jon: *See*—
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Hedu, Jon, to Watertown Mfg. Co. Clasp fastener or similar article. 200,155, 1–26–65, Cl. D17—3.
Heenan, Sidney A., to Elastic Stop Nut Corp. Lamp head for a barricade flasher signal unit. 201,825, 8–3–65, Cl. D48—24.
Hegemann, Manfred K., to Liberty Steel Chest Corp. Tool chest or similar article. 200,945, 4–20–65, Cl. D87—5.
Heifetz, Yasha. Hanger for supporting and fixing the position of a cord. 202,294, 9–14–65, Cl. D54—1.
Heifetz, Yasha. Spreader for wires in a chandelier type lighting fixture. 202,997, 11–23–65, Cl. D48—4.
Heinemann Electric Co.: *See*—
Camp, William W. 203,271.
Heintz, Albert J. Spoon or similar article. 200,006, 1–5–65, Cl. D54—12.
Heintze, Walter T., to Richardson-Merrell Inc. Decanter. 200,262, 2–9–65, Cl. D58—6.
Heintze, Walter T., to Schenley Industries, Inc. Decanter and closure therefor. 202,222, 9–7–65, Cl. D58—6.
Heinz, Knute, to The Curtis Publishing Co. Barometer. 200,926, 4–20–65, Cl. D52—7.
Heisler, Jerome S., A. J. Starr, W. Liebertz, and E. Glenn, to Container Corp. of America. Barrel. 200,808, 4–6–65, Cl. D58—3.
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Heitler, Emmett H., R. K. Fujioka, T. M. Uyeda, and A. W. Ellsworth, to Samsonite Corp. Luggage case. 203,096, 11–30–65, Cl. D87—5.
Hekler, Norman N., to Worth Furniture, a division of Gravely Furniture Co., Inc. Headboard for a bed. 202,978, 11–23–65, Cl. D5—4.
Hekler, Norman N., to Worth Furniture, a division of Gravely Furniture Co., Inc. Dresser. 202,987, 11–23–65, Cl. D33—6.
Heldt, Carl R.: *See*—
Schwartz, Theodore F., and Heldt. 200,646.
Helferich, Howard E., to Surgical Appliance Industries, Inc. Cervical collar. 203,018, 11–23–65, Cl. D83—1.
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Sabadash, George. 201,916.
Helland, Russel E.: *See*—
Faux, Alfred W., and Helland. 203,275.
Faux, Alfred W., and Helland. 203,276.
Faux, Alfred W., and Helland. 203,277.

Heller, Peter, and B. Tenzer, to Peep Show Greetings, Inc. Combined greeting card and picture viewer. 203,011, 11–23–65, Cl. D59—2.
Helms, Walter C., Jr. Coat hanger. 202,484, 10–5–65, Cl. D80—8.
Hemathermatrol Corp.: *See*—
Noel, Robert A. 200,836.
Hemmert, Andrew M., and C. L. Becker; said Becker assor. to said Hemmert. Playing card. 202,115, 8–31–65, Cl. D34—13.
Henderlong, Robert C., and L. W. Smith, to Midwestern Instruments, Inc. Tape recorder deck. 201,135, 5–18–65, Cl. D26—14.
Hendrickson Tandem Corp.: *See*—
Kachnik, Joseph E. 200,918.
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Henes, Richard W., to Henes Mfg. Co., Inc. Lamp for a welding mask. 202,439, 9–28–65, Cl. D48—26.
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Crouse, Charles H., and Hennessey. 201,362.
Hennig, Mildred M. Combination flower base and candle holder. 200,720, 3–30–65, Cl. D35—3.
Henning, Harold O., to Club Aluminum Products Co. Spatula. 203,056, 11–30–65, Cl. D44—29.
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Barecki, Chester J., and Henrikson. 203,109.
Henry, John R. Gear shift knob. 202,772, 11–9–65, Cl. D14—6.
Hentzi, Joffre E. R. Shelf bracket. 202,354, 9–21–65, Cl. D33—3.
Herbert, Phil L. Flint holder. 201,763, 7–27–65, Cl. D48—27.
Herman, Harold L. Ceiling heater. 202,156, 8–31–65, Cl. 81—10.
Herman, Raymond, to Richmond Research Corp. Motion picture projector case. 200,983, 4–27–65, Cl. D61—1.
Herman, Raymond, to Richmond Research Corp. Motion picture projector. 202,142, 8–31–65, Cl. D61—1.
Hermann, Robert R. Dispenser for wrapping material. 200,923, 4–20–65, Cl. D52—2.
Hermann, Thomas L., to Bausch & Lomb Inc. Combined letter opener and magnifier. 200,681, 3–23–65, Cl. D74—1.
Hermann, Thomas L., to Bausch & Lomb Inc. Interpupillary distance gage. 203,005, 11–23–65, Cl. D57—7.
Herold, Willy, to Optische Werke G. Rodenstock. Retinoscope or similar article. 202,659, 10–26–65, Cl. D57—1.
Herrling, Robert F. Safety cap for preventing unintentional firing in gasoline powered lawn mowers and the like. 201,375, 6–15–65, Cl. D40—1.
Herrmann, Fritz. Shoe-cleaning machine. 200,568, 3–16–65, Cl. D9—2.
Herrmann, Fritz. Shoe-cleaning machine. 201,005, 5–4–65, Cl. D9—2.
Hershberger, Olin C., and C. B. Derr, to Astro Inc. Floor waxing machine. 201,790, 8–3–65, Cl. D9—2.
Hershberger, Olin C., and C. B. Derr. Liquid dispenser for a floor treating machine. 201,791, 8–3–65, Cl. D9—2.
Hertz Corp., The: *See*—
Aspatore, Louis C. 203,104.
Hervey, Eugene. Beverage rack. 201,984, 8–17–65, D44—29.
Hess, Paul. Combination razor and blade holder. 200,392, 2–23–65, Cl. D4—3.
Hesston Mfg. Co., Inc.: *See*—
Roberson, Perry M., Elder, and Ten Eyck. 200,966.
Heston, Russell G., Jr., to Union Carbide Corp. Swim board. 203,365, 12–28–65, Cl. D71—1.
Hetherwick, Alfred R., to John Fern Products. Game board. 202,634, 10–26–65, Cl. D34—5.
Heubi, Gilbert, to Voumard Machines Co. SA. Grinding machine. 201,289, 6–8–65, Cl. D37—1.
Heuckeroth, Curt, to Rowenta Metallwarenfabrik G.m.b.H. Lighter. 203,292, 12–21–65, Cl. D48—27.
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Chandler, Wesley M., and Heuser. 202,039.
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Heyer, Don, to Hyer Hardware Mfg. Co. Pull for doors, drawers and the like. 200,096, 1–19–65, Cl. D10—8.
Heyer, Don, to Hyer Hardware Mfg. Co. Pull for doors, drawers and the like. 200,098, 1–19–65, Cl. D10—8.
Heyer, Don, to Hyer Hardware Mfg. Co. Knob for doors, drawers and the like. 200,907, 1–19–65, Cl. D10—880.
Heyer, Don, to Hyer Hardware Mfg. Co. Knob for doors, drawers and the like. 201,121, 5–18–65, Cl. D10—8.
Heyer, Don, to Hyer Hardware Mfg. Co. Knob for doors, drawers, and the like. 201,869, 8–10–65, Cl. D10—8.
Heyer, Don. Variable ratio transmission or similar article. 201,917, 8–10–65, Cl. D55—1.
Heywood, John R., to Ainsworth Consolidated Industries Pty., Ltd. Stand for an amusement machine or the like. 200,215, 2–2–65, Cl. D52—3.
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Carr, William J. 199,977.
Carr, William J. 199,982.
Carr, William J. 199,983.
Carr, William J. 200,393.
Carr, William J. 200,412.
Carr, William J. 200,783.
Hiatt, Walter R., and M. M. King, to Bates Industries, Inc. Helmet. 200,757, 4–6–65, Cl. D3—13.
Hiatt, William F. Articulated fishing lure. 203,192, 12–14–65, Cl. D31—4.
Hibbard, Thomas L., to Kelsey-Hayes Co. Wheel. 202,033, 8–24–65, Cl. D14—30.
Hibben, Thomas M. Fountain. 202,758, 11–2–65, Cl. D91—4.
Hickman, Donald, to Hifar Industries, Inc. Game board. 202,050, 8–24–65, Cl. D34—5.
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Freyer, Michael C., Gondeck, Hickox, Kennedy, and Perez. 202,956.
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Schofield, Everett L., Hatcher, and Hicks. 202,010.
Hiers, James E., and L. F. Wildgen, to Union Tank Car Co. Water conditioner. 200,995, 4–27–65, Cl. D91—1.
Hifar Industries, Inc.: *See*—
Hickman, Donald. 202,050.
Higgins, Howard B. Measuring tape or the like. 202,730, 11–2–65, Cl. D52—1.
Highberger, Samuel M.: *See*—
Saporito, Dominic A., and Highberger. 200,900.
Saporito, Dominic A., and Highberger. 200,901.
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Hill, Lawrence C. Rotatable index disk. 201,910, 8–10–65, Cl. D52—1.
Hill, Peter R., to Competitive Grocers Ltd. Container for foodstuffs or drinks. 200,076, 1–12–65, Cl. D58—9.
Hill, Raymond H., and F. P. Kimball, to Teleflex Inc. Position indicator for steering wheels. 202,291, 9–14–65, Cl. D52—6.
Hill, Ronald E., to Hill Engineering & Mfg., Inc. Laboratory fume hood. 201,678, 7–20–65, Cl. D16—2.
Hiller, Arnon. Partition. 201,072, 5–11–65, Cl. D13—1.
Hiller, Arnon, to United States Plywood Corp. Partition. 201,871, 8–10–65, Cl. D13—1.
Hillman, Ernest C. Mattress carrier. 203,208, 12–14–65, Cl. D41—1.
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Cann, Richard T., Hinckley, and Gardner. D201—994.
Hines, Kenneth P.: *See*—
Gelman, Peter A., S. R., and J. A., and Hines. 201,688.
Hines, Posie L. Storage chest or similar article. 202,503, 10–12–65, Cl. D33—19.
Hirashiki, James, to Jaylis Industries, Inc. Foldable traversing screen. 200,005, 1–5–65, Cl. D54—2.
Hirohama, Juji. Closure cap. 201,320, 6–8–65, Cl. D58—26.
Hirsch, Richard F. Three-dimensional game board. 200,109, 1–19–65, Cl. D34—5.
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Hitchcock, Richard E.: *See*—
Ferar, Montgomery, Hitchcock, and Russell. 200,679.
Sundberg, Carl W., and Hitchcock. 201,493.
Hitchcock, Richard E., to Sears, Roebuck & Co. Spray valve. 202,757, 11–2–65, Cl. D91—3.
Hixenbaugh, William B., to The Durox Co. Reel for seat belt. 200,168, 1–26–65, Cl. D41—1.
Hladchuk, John, and L. R. Sauerwein. Diving board. 199,971, 1–5–65, Cl. D13—1.
Hlavka, Joseph, to American Paper & Plastic Products, Inc. Packing tray. 200,501, 3–2–65, Cl. D58—13.
Hobson, Harold S., Jr., to Seymour Mfg. Co. Stand for fireplace tools. 201,686, 7–20–65, Cl. D33—17.
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Hocq, Robert. Cigarette-lighter or similar article. 201,461, 6–22–65, Cl. D48—27.
Hocutt, R. Hovan, and T. E. Mullinax, to Pneumafil Corp. Combination air filtering and collecting unit for textile waste products. 203,155, 12–14–65, Cl. D9—2.
Hoehne, George C., to The B. F. Goodrich Co. Tent. 203,033, 11–30–65, Cl. D13—1.
Hoehne, George C., to The B. F. Goodrich Co. Tent. 203,034, 11–30–65, Cl. D13—1.
Hoehne, George C., to The B. F. Goodrich Co. Tent. 203,035, 11–30–65, Cl. D13—1.
Hoehne, George C., to The B. F. Goodrich Co. Tent. 203,036, 11–30–65, Cl. D13—1.
Hoehne, George C., to The B. F. Goodrich Co. Tent. 203,157, 12–14–65, Cl. D13—1.
Hoff, Stephen J., to Hoffco, Inc. Portable hoist. 199,989, 1–5–65, Cl. D41—1.
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Hoffman Electronics Corp.: *See*—
Gephart, Thomas O., and Abrahams. 201,018.
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Hoffmaster, George R., to The Electric Storage Battery Co. Clip-on side shield for an eye glass frame. 202,444, 9–28–65, Cl. D57—1.
Höfler, Leonhard. Toy blowpipe. 200,790, 4–6–65, Cl. D34—15.
Holcomb, Stephen A. Sled. 202,639, 10–26–65, Cl. D34—15.
Holder, Chester L., ½ to W. T. Mathias. Carrier for a portable radio or the like. 203,101, 12–7–65, Cl. D3—10.
Holderle Brothers, Inc.: *See*—
Berlin, Vernon R. 202,083.

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Holland, Hubert R., and A. W. Lennard, to Halroy Products Ltd. Vehicle parking light. 203,354, 12–28–65, Cl. D48—32.
Holland, Julian. Combined key ring and matchbook holder. 201,016, 5–4–65, Cl. D17—14.
Hollerith, Richard, Jr., to Kimball Systems, Inc. Casing for a machine for pinning tags to merchandise. 201,391, 6–15–65, Cl. D55—1.
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Philippart, Clifford T., and Marsee. 202,845.
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Holls, David R., to General Motors Corp. Wheel cover. 201,676, 7–20–65, Cl. D14—30.
Holmberg, Göte E. Y. Safety belt buckle. 202,186, 9–7–65, Cl. D17—1.
Holmes, Eric, to Simon-Carves Ltd. Bacterial colony counter. 200,536, 3–9–65, Cl. D16—2.
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Odle, Herbert A. 200,591.
Stockwell, Bernard R. 201,700.
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Kore, Alexander V., and Holt. 202,718.
Holtby, Kenneth F., F. A. Maxam, and M. L. Pennell, to The Boeing Co. Airplane. 202,749, 11–2–65, Cl. D71—1.
Holtgrewe, Jerry L. Tow boat. 200,885, 4–13–65, Cl. D71—1.
Holthaus, John R. Combined tape cutter and blade therefor. 202,891, 11–16–65, Cl. D22—3.
Holtz, Edwin H., to Turn-A-Cap Inc. Wrench for nail polish bottle caps. 200,257, 2–9–65, Cl. D54—16.
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Holzwarth, Henry A., J. D. Wark, and P. Schladermundt, to Johnson & Johnson. Dispenser for adhesive bandages. 200,004, 1–5–65, Cl. D52—2.
Holzwarth, Henry A., C. L. Metzler, and J. D. Wark, to American Can Co. Dessert dish. 200,115, 1–19–65, Cl. D44—10.
Holzwarth, Henry A., C. L. Metzler, and J. D. Wark, to American Can Co. Dessert dish. 200,333, 2–16–65, Cl. D44—10.
Honeywell Inc.: *See*—
Cox, John A., Jr. 202,043.
Harkins, William H. 201,682.
Harkins, William H., and Graham. 201,680.
Harkins, William H., and Graham. 201,681.
Hoogesteger, Paul A., and K. D. Maier, to Bausch & Lomb Inc. Rotatable turret magnifier. 203,303, 12–21–65, Cl. D57—1.
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Martin, Merritt W., Jr. 200,668.
Platte, Richard L. 200,809.
Platte, Richard L. 201,215.
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Bowers, Donald R. 202,374.
Gantz, Carroll M. 202,611.
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Hoover, Monte M. Ash tray. 203,237, 12–14–65, Cl. D85—2.
Hopkins, Arthur W. Chair. 200,533, 3–9–65, Cl. D15—1.
Hopkins, Arthur W., and M. L. Steely, to The Flintkote Co. Floor tile. 201,131, 5–18–65, Cl. D18—2.
Hord, Lawrence T., Jr., to Raiford's, Inc. Building adapted for use as a children's shoe store or the like. 203,335, 12–28–65, Cl. D13—1.
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Blum, Louis, and Horgan. 203,160–3.
Blum, Louis, and Horgan. 203,338.
Hori, Makoto, and M. Morioka, to Kabushiki Kaisha Honda Gijutsu Kenkyusho. Internal combustion engine. 201,327, 6–8–65, Cl. D77—1.
Horn, Anton J., to Biological Research, Inc. Extruded metal unit adapted for use as a heat sink. 200,775, 4–6–65, Cl. D26—1.
Horn, William E. Dental wedge for tooth restorations. 203,046, 11–30–65, Cl. D24—1.
Horne, Willard R., to The Procter & Gamble Co. Bar of soap or the like. 201,110, 5–11–65, Cl. D73—1.
Horne, Willard R., to The Procter & Gamble Co. Bar of soap or the like. 201,228, 5–25–65, Cl. D73—1.
Horne, Willard R., to The Procter & Gamble Co. Bar of soap. 202,392, 9–21–65, Cl. D73—1.
Horning, William A. Washer gain for pole crossarm. 202,573, 10–19–65, Cl. D54—1.
Horowitz, Jesse D., to De Luxe Reading Corp. Doll stroller toy. 202,054, 8–24–65, Cl. D34—15.
Horowitz, Jesse D., to De Luxe Reading Corp. Doll carriage. 202,204, 9–7–65, Cl. D34—15.
Horowitz, Jesse D., to De Luxe Reading Corp. Doll crib. 202,205, 9–7–65, Cl. D34—15.
Horowitz, Jesse D., to De Luxe Reading Corp. Feeding chair toy. 202,206, 9–7–65, Cl. D34—15.
Horowitz, Jesse D., to DeLuxe Reading Corp. Doll swing set toy. 202,280, 9–14–65, Cl. D34—15.
Horowitz, Norman, and P. Spigner. Dental equipment stand. 201,357, 6–15–65, Cl. D24—1.
Hosch, Greene C. Filing case. 200,179, 1–26–65, Cl. D58—11.
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Houser, Jennie E. Dish. 201,901, 8–10–65, Cl. D44—15.
Housman, Harold B., to American Can Co. Ink marking instrument. 201,852, 8–3–65, Cl. D74—17.
Hovdal, Norma I. Three dimensional appliqued wall-hanging or similar article. 201,501, 6–29–65, Cl. D29—23.
Howard, Forbes. Tissue package holder. 201,702, 7–20–65, Cl. D52—2.
Howard, Forbes. Tissue package holder. 201,703, 7–20–65, Cl. D52—2.
Howard, Forbes. Tissue package holder. 201,704, 7–20–65, Cl. D52—2.
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Howard, James N. Clothespin. 201,356, 6–15–65, Cl. D17—6.
Howell, Alma L. Holder for ironing board cover or the like. 200,574, 3–16–65, Cl. D17—3.
Howry, Herchel. Pontoon boat. 200,745, 3–30–65, Cl. D71—1.
Hoyt, Earl E., Jr. Cup. 202,643, 10–26–65, Cl. D44—9.
Hrolenok, Walter. Transparent paper weight. 202,594, 10–19–65, Cl. D74—12.
Hubbach, Robert N., B. N. Smith, and C. H. Stewart, to General Motors Corp. Vehicle. 202,416, 9–28–65, Cl. D14—3.
Hudson, H. D., Mfg. Co.: *See*—
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Seifart, Curt, and May. 202,120.
Hudson, James W., to Square D Co. Underfloor wiring duct unit. 200,049, 1–12–65, Cl. D26—5.
Huey, Guy L., and E. J. Kies, to The Massillon-Cleveland-Akron Sign Co. Combined sign and display stand for tires. 201,533, 6–29–65, Cl. D80—9.
Huffman, John W., to Pace, Inc. Housing for a control unit for electric cooking appliances. 202,897, 11–16–65, Cl. D26—13.
Huffman Mfg. Co., The: *See*—
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Hughes, John J., Jr., to E. R. Wagner Mfg. Co. Latch handle. 201,616, 7–13–65, Cl. D10—8.
Hughes, John J., Jr., to Air Reduction Co., Inc. Flow measuring instrument. 202,732, 11–2–65, Cl. D52—6.
Hughes, John J., Jr., to Invincible Metal Furniture Co. Desk. 203,195, 12–14–65, Cl. D33—7.
Hughes, Osbert C. H., to Allied Chemical Corp. Seat belt material. 203,247, 12–14–65, Cl. D92—26.
Hughes, Richard A., to Hughes Corp. Stamp dispenser. 202,921, 11–16–65, Cl. D52—3.
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Hulsh, Sheldon D., to Jerclaydon Inc. Combination foam dispenser and brush for cleaning upholstery or the like. 199,959, 1–5–65, Cl. D9—2.
Hulterstrum, Harold D., to Flambeau Plastics Corp. Bottle. 203,006. 11–23–65, Cl. D58—6.
Humphries, Walter, to Dunlop Tire and Rubber Corp. Tire. 201,424, 6–15–65, Cl. D90—20.
Humphries, Walter, to Dunlop Tire and Rubber Corp. Tire. 202,605, 10–19–65, Cl. D90—20.
Hundere, Alf. Thermocouple probe. 203,117, 12–7–65, Cl. D26—1.
Hunt, Benjamin A. Combined toothpick dispenser and holder for condiment dispenser. 201,517, 6–29–65, Cl. D52—2.
Hunt, Benjamin A. Combined toothpick dispenser and holder for condiment dispensers. 201,518, 6–29–65, Cl. D52—2.
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Huntsman, Joseph A. Instrument for measuring dissolved oxygen or the like. 200,119, 1–19–65, Cl. D52—6.
Huntsman, Joseph A., to Pro-Tech, Inc. Liquid depth recording instrument. 201,767, 7–27–65, Cl. D52—6.
Huntsman, Joseph A., to Pro-Tech, Inc. Fluid monitoring instrument or the like. 202,572, 10–19–65, Cl. D52—6.
Huntsman, Joseph A., and E. R. Roth, to Pro-Tech, Inc. Instrument for sampling liquids. 202,922, 11–16–65, Cl. D52—6.
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Grady, George M. 201,748.
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Huret, Norman B., to Locke Mfg. Co. Decorative railing cap. 200,702, 3–30–65, Cl. D13—7.
Hurley, Frederick A. Game panel. 202,629, 10–26–65, Cl. D34—5.
Hurley, Frederick A. Game display panel. 202,630, 10–26–65, Cl. D34—5.
Hurley, Frederick A. Display panel for a coin operated amusement device. 202,794, 11–9–65, Cl. D34—5.
Hurley, Frederick A. Electroluminescent panel for a coin operated amusement device. 202,795, 11–9–65, Cl. D34—5.
Hurst, George H., Jr. Trigger for a gear shift stick. 203,165, 12–14–65, Cl. D14—6.
Husted, John L. Holder for a power operated toothbrush kit. 202,871, 11–16–65, Cl. D4—3.
Husted, John L. Power operated toothbrush handle. 202,873, 11–16–65, Cl. D9—2.
Huston, Henry H., to Lily-Tulip Cup Corp. Packaging container for food or the like. 202,225, 9–7–65, Cl. D58—17.
Huston, Paul O., to The Singer Co. Power unit for actuating valves or the like. 201,154, 5–18–65, Cl. D55—1.
Hutchens, Howard T. (deceased, by G. Weesner, executor). Rotatable sign. 202,021, 8–24–65, Cl. D1—12.
Huthsing, Charles K., Jr. Portable fire extinguisher. 199,980, 1–5–65, Cl. D16—2.
Hvale, James L., to Club Aluminum Products Co. Utensil handle and tang. 201,565, 7–6–65, Cl. D44—29.
Hvale, James L., and J. A. Eckmann, to Flambeau Plastics Corp. Fishing reel case. 200,161, 1–26–65, Cl. D31—4.
Hvale, James L., and B. N. Yamada, to Club Aluminum Products Co. Detachable handle for a cooking vessel or the like. 203,128, 12–7–65, Cl. D44—29.
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Jones, Robert W., to Bigelow-Liptak Corp. Refractory tile. 202,012, 8–17–65, D81—25.
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Kaiser, Jack N., to American Radiator & Standard Sanitary. Handle for valves, faucets and similar articles. 203,148, 12–7–65, Cl. D91—3.
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Karisch, Paul E. Fish lure. 201,447, 6–22–65, Cl. D31—4.
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Keizur, Robert G. Luggage case. 200,621, 3–16–65, Cl. D87—5.
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Keller, Rogenald J. Boat hull. 201,654, 7–13–65, Cl. D71—1.
Kelley, Robert, to Natser Corp., d.b.a. Acco Products. Suspension folder. 201,935, 8–10–65, Cl. D74—2.
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Kelley, Robert C., to Brunswick Corp. Carrying case for bowling accessories or the like. 202,322, 9–14–65, Cl. D87—5.
Kellinger, Harry L., and J. Milburn, to Douglas Aircraft Co., Inc. Drafting template. 200,664, 3–23–65, Cl. D52—6.
Kellis, Louis T. Combination container and dispensing brush. 201,428, 6–22–65, Cl. D9—2.
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Kendrick, Marron, to Schlage Lock Co. Door knob. 200,003, 1–5–65, Cl. D50—3.
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Kersh, Ronald C. Root feeder or the like. 203,207, 12–14–65, Cl. D35—1.
Kesilman, Sol, H. B. Penn, and M. Kravitz. Commercial dish washer rack. 201,383, 6–15–65, Cl. D49—1.
Kesling, Keith K., to General Motors Corp. Cooking stove or the like. 201,065, 5–4–65, Cl. D81—25.
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Kira, Ken, and Y. Fujimoto, to Victor Co. of Japan, Ltd. Video tape recorder. 202,560, 10–19–65, Cl. D26—14.
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Kjer Jakobsen, Robert E., to Schlumberger Ltd. Chair. 200,535, 3–9–65, Cl. D15—1.
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Knecht, Cyrus I., to Daniels Plating Barrel & Supply Co. Portable plating barrel unit. 201,712, 7–20–65, Cl. D55—1.
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Knodt, Ruediger W., to Corning Glass Works. Condiment dispenser or the like. 199,994, 1–5–65, Cl. D44—22.
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Knoy, Maurice G., to Rostone Corp. Stand-off insulator. 201,185, 5–25–65, Cl. D26—10.
Knoy, Maurice G., to Rostone Corp. Stand off insulator. 202,346, 9–21–65. Cl. D26—10.
Knoy, Maurice G., to Rostone Corp. Stand-off insulator. 202,347, 9–21–65, Cl. D26—10.
Knudsen, Raymond G., R. E. Badger, and P. Langmack, to Snap-On Tools Corp. Handle for manual tools such as screw drivers or the like. 201,171, 5–18–65, Cl. D93—4.
Kobrin, Hy H. Soap dish. 201,000, 5–4–65, Cl. D4—3.
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Koch, Samuel J., to SOSS Mfg. Co. Multi-scale electrical indicating instrument. 202,813, 11–9–65, Cl. D52—6.
Koch, Samuel J., to Soss Mfg. Co. Split core probe for an A.C. voltmeter-ammeter. 203,181, 12–14–65, Cl. D26—1.
Koch, Samuel J., to Soss Mfg. Co. Table lamp or similar article. 203,215, 12–14–65, Cl. D48—20.
Koch, Walter L., to Automatic Canteen Co. of America. Vending machine. 200,662, 3–23–65, Cl. D52—3.
Koch, Walter L., to Automatic Canteen Co. of America. Display panel for cigarette vending machines or the like. 201,463, 6–22–65, Cl. D52—3.
Kochkin, Sergei, to Lambert Engraving Co., Inc. Cigarette lighter. 201,040, 5–4–65, Cl. D48—27.
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Kovacs, Edith A. Cigarette holder or the like. 203,238, 12–14–65, Cl. D85—8.
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Kramer, Gideon A., to American Desk Mfg. Co. Chair. 202,549, 10–19–65, Cl. D15—1.
Kramer, Gideon A., to American Desk Mfg. Co. Chair. 202,550, 10–19–65, Cl. D15—1.
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Krause, John L. Combined greeting card and card holder. 202,941, 11–16–65, Cl. D59—2.
Krausz, Allan E., to Lear Siegler, Inc. Heater. 201,417, 6–15–65, Cl. D81—19.
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Krieger, Larry L. Panty girdle. 201,881, 8–10–65, Cl. D20—2.
Krippendorf, Joseph M., to Aluminum Co. of America. Architectural decorative panel or the like. 200,701, 3–30–65, Cl. D13—1.
Kroepel, Carl J., and J. Lichtgarn, to Otis Elevator Co. Passenger conveyor balustrade. 200,153, 1–26–65, Cl. D13—7.
Kroll, Ervin E. Golf putter head. 201,811, 8–3–65, Cl. D34—5.
Kromer, Orlando W., to Erickson Power Lift Trucks, Inc. Lift truck. 201,126, 5–18–65, Cl. D14—3.
Krone, Martin. Portable picnic table. 200,584, 3–16–65, Cl. D33—14.
Krueger, Charles H., Jr. Can Carrying cart. 201,547, 7–6–65, Cl. D14—3.
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Krynski, John E., to Ametek, Inc. Grid for drum filter. 201,390, 6–15–65, Cl. D55—1.
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Kucera, Joseph B. Farm wagon box. 201,976, 8–17–65, D35—2.
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Kunz, Gerald, to The B. F. Goodrich Co. Tire. 200,691, 3–23–65, Cl. D90—20.
Kunz, Gerald, to The B. F. Goodrich Co. Tire. 200,692, 3–23–65, Cl. D90—20.
Kunz, Gerald, to The B. F. Goodrich Co. Tire. 200,693, 3–23–65, Cl. D90—20.
Kurella, Charles J. Grotesque fish-like ornament. 203,050, 11–30–65, Cl. D29—23.
Kurella, Charles J. Grotesque fish-like ornament. 203,051, 11–30–65, Cl. D29—23.
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Lang, Vincent F., to Eastman Kodak Co. Camera carrying case. 200,990, 4–27–65, Cl. D87—5.
Lang, Vincent F., to Eastman Kodak Co. Camera carrying case. 200,991, 4–27–65,, Cl. D87—5.
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Lansky, David, to Bentley Products, Inc. Wall tile panel. 203,112, 12–7–65, Cl. D18—2.
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Le Bourhis, Charles A., to Commissariat a l'Energie Atomique and Laboratoire Central et des Ecoles de l'Armement. Surface-finish gauge. 200,350, 2–16–65, Cl. D52—6.
Lecomte, Raymound H. Game board or similar article. 200,787, 4–6–65, Cl. D34—5.
Lederer, Henry B. Pendant charm. 200,068, 1–12–65, Cl. D45—17.
Lee, James H., to Dymo Industries, Inc. Tape embossing tool. 203,084, 11–30–65, Cl. D64—10.
Lee, May L. Cooking pot. 200,332, 2–16–65, Cl. D44—1.
Lee, Richard A.: *See*—
Mowatt-Larssen, Rolf, Charles, and Lee. 201,477.
Mowatt-Larssen, Rolf, Charles, and Lee. 201,478.
Lee, Richard E., and K. F. Mizen, to General Electric Co. Combined phonograph and film strip viewer. 202,476, 10–5–65, Cl. D56—4.
Lee, Richard E., and K. F. Mizen, to General Electric Co. Cabinet for combined phonograph and film strip viewer. 202,477, 10–5–65, Cl. D56—4.
Leeah, Joseph H. Golf putter head. 200,416, 2–23–65, Cl. D34—5.
Leek, Wayne E.: *See*—
Chambers, Howard L., Leek, and Slaboc. 201,366.
Lefgren, Clark L., to The Cornelius Co. Coffee dispensing machine, or similar article. 202,462, 10–5–65, Cl. D2—3.
Lehn & Fink Products Corp.: *See*—
Bernard, Evelyn. 201,420.
Leibow, Martin. Edge roller. 202,928, 11–16–65, Cl. D54—13.
Leichner, Floyd D.: *See*—
Leichner, Howard J. and F. D. 203,249.
Leichner, Howard J. and F. D. Sign for drive-in camping sites. 203,249, 12–21–65, Cl. D1—12.
Leifer, John L.: *See*—
Senek, Michael C., and Leifer. 203,133.
Leman, Donald E., to Sunbeam Corp. Carrying case. 201,423, 6–15–65, Cl. D87—5.
Lennard, Anthony W.: *See*—
Holland, Hubert R., and Lennard. 203,353.
Holland, Hubert R., and Lennard. 203,354.
Leonard, Lawrence. Combined spoon holder, ash tray and cigarette holder, or similar article. 201,457, 6–22–65, Cl. D44—29.
Leonard, Lloyd H. Power operated golf shoe cleaner. 202,463, 10–5–65, Cl. D9—2.
Leopoldi, Norbert. Fingernail file. 201,944, 8–10–65, Cl. D86—10.
Leopoldi, Norbert. Memo clip attachment for a telephone or similar article. 203,185, 12–14–65, Cl. D26—14.
Leotta, Samuel S., to P. R. Mallory & Co., Inc. Rotary beacon lantern. 201,094, 5–11–65, Cl. D48—24.
Lepp, Jacob H., and E. Kuta. Flail for material spreaders. 201,627, 7–13–65, Cl. D35—2.
Lermer, Herman B. Cap or similar article. 200,447, 2–23–65, D58—26.
Le Rose, John T. Handled steering wheel. 200,402, 2–23–65, Cl. D14—30.
Lesser, Bertrand R.: *See*—
Thomas, Morton I., and Lesser. 202,116.
Lesser, Jack, and L. H. Halber. Combined belt buckle and cosmetic kit. 200,311, 2–16–65, Cl. D17—1.
Lesser, Jerome L.: *See*—
Mezey, John, and Lesser. 201,872.
Le Sueur, Robert C.: *See*—
Chapman, Dave, and Le Sueur. 200,905.
Chapman, Dave, and Le Sueur. 201,818.
Chapman, Dave, and Le Sueur. 201,983.
Leubner, Courtney A., to Supreme Products Corp. Hair clipper. 201,800, 8–3–65, Cl. D22—3.
Leubner, Courtney A., to Unarco Industries, Inc. Conveyor. 202,128, 8–31–65, Cl. D55—1.
Leudtke, Warren J., to S. C. Johnson & Son, Inc. Dispenser brush. 202,874, 11–16–65, Cl. D9—2.
Lever Bros. Co.: *See*—
Bonardi, Emil V. 202,750.
Burke, Frederick. 201,229.
Perrett, Harold. 200,193.
Lever, Paul H. Fireplace. 201,482, 6–22–65, Cl. D81—7.
Lever, Paul H. Fireplace. 201,483, 6–22–65, Cl. D81—7.
Levin, Benjamin: *See*—
Haupt, Horace J., and Levin. 201,719.
Levin, Monte L., to General Time Corp. Clock. 200,246, 2–9–65, Cl. D42—7.
Levin, Monte L., to General Time Corp. Clock. 200,330, 2–16–65, Cl. D42—7.
Levin, Monte L., to General Time Corp. Clock. 200,331, 2–16–65, Cl. D42—7.
Levin, Monte L., to Vacuum-Electronics Corp. Cabinet for electronic instruments. 201,433, 6–22–65, Cl. D26—5.
Levin, Monte L., to Vacuum-Electronics Corp. Cabinet for high vacuum station. 202,188, 9–7–65, Cl. D26—5.
Levin, Monte L., to De Jur-Amsco Corp. Motion picture projector. 202,943, 11–16–65, Cl. D61—1.
Levin, Myron M.: *See*—
Sachnoff, Ben B., and Levin. 200,464.
Levine, Beth. Shoe. 201,665, 7–20–65, Cl. D7—7.
Levoy, Barton M., to Tura, Inc. Combined table and seating unit. 199,976, 1–5–65, Cl. D15—1.
Levratto, James G. Antenna base. 202,519, 10–12–65, Cl. D54—1.
Levy, Benjamin. Clock. 201,817, 8–3–65, Cl. D42—7.
Levy, David M. Doll. 203,278, 12–21–65, Cl. D34—4.
Levy, Edward D., to Owens-Illinois Glass Co. Detachable handle for saucepans or the like. 201,904, 8–10–65, Cl. D44—29.
Levy, Harold. Combined decanter and pump. 201,761, 7–27–65, Cl. D44—21.
Levy, Morris: *See*—
Kahn, Julius M., and Levy. 201,063.
Lewis, Frank C.: *See*—
Stark, Marvin L., and Lewis. 202,752.
Lewis, Jerome. Tumbler or the like. 201,195, 5–25–65, Cl. D36—8.
Lewis, Joseph. Game piece. 202,633, 10–26–65, Cl. D34—5.
Lewis, Paul E.: *See*—
Fry, Thomas R., and Lewis. 202,520.
Lewis, Paul M. Rotating display device. 201,657, 7–20–65, Cl. D1—2.
Lex, Frank J., to Keokuk Steel Casting Co. Cap for a liquid fertilizer applicator. 200,653, 3–23–65, Cl. D35—2.
Lhospice, Bernard, to Societe des Lunetiers, Cottet, Poichet, Tagnon & Cie. Pair of spectacles. 200,805, 4–6–65, Cl. D57—1.
Liberty Steel Chest Corp.: *See*—
Hegemann, Manfred K. 200,945.
Lichtgarn, James: *See*—
Kroepel, Carl J., and Lichtgarn. 200,151.
Liebertz, Wolfgang: *See*—
Heisler, Jerome S., and Liebertz. 202,382.
Heisler, Jerome S., Starr, Liebertz, and Glenn. 200,808.
Lieptz, Nathan S., to Noll Curtis Corp. Combined display rack and cabinet for keys. 201,329, 6–8–65, Cl. D80—9.
Light, Henri. Hair curler. 200,684, 3–23–65, Cl. D86—10.
Liljemark, Frank J., to Electro-Specialty Mfg. Co. Blow gun. 202,216, 9–7–65, Cl. D54—13.
Lillie, Anthony E., to Steels & Busks Ltd. Button tab for a suspender end. 201,277, 6–8–65, Cl. D17—8.
Lily-Tulip Cup Corp.: *See*—
Huston, Henry H. 202,225.
Lincoln Metal Products Corp.: *See*—
Silverstein, Sidney, and Schwartz. 202,464.
Simpkins, Terry J. 201,912.
Lindblad, Frank E. Self-service restaurant building, or similar structure. 200,628, 3–23–65, Cl. D13—1.
Lindner, Remo E. Game putting target. 201,689, 7–20–65, Cl. D34—5.
Lindsey, L E. Cable bundling clamp. 200,575, 3–16–65, Cl. D26—1.
Lindsey, L. E. Cable clamp. 201,637, 7–13–65, Cl. D54—1.
Lindstrom, Karl H., to Electrolux, Aktiebolaget. Tray. 201,454, 6–22–65 Cl. D44—10.
Lindstrom, Karl H., to Electrolux, Aktiebolaget. Covered dish. 201,455, 6–22–65, Cl. D44—15.
Lindstorm, Violet C. Cosmetic kit. 202,600, 10–19–65, Cl. D86—10.
Linn, James L., Jr., to Owens-Illinois Glass Co. Bottle. 201,588, 7–6–65, Cl. D58—8.
Lion, George E. Golf club brush. 202,613, 10–26–65, Cl. D9—2.
Lion Mfg. Corp.: *See*—
Zale, Thad and Seiden. 200,786.
Lion Uniform, Inc.: *See*—
Lapedes, Clarence. 201,611.
Lionel Corp., The: *See*—
Montagna, Charles T. 202,053.
Lisante, Angela D. Shaker dispenser or similar article. 203,212, 12–14–65, Cl. D44—22.
Liszczawka, Dorothy H. Medicine feeding spoon. 203,143, 12–7–65, Cl. D83—8.
Litchfield, Max, and M. Lange. Casket display bier. 203,044, 11–30–65, Cl. D19—9.
Litman, Alan L. Constant temperature bath. 200,770, 4–6–65, Cl. D16—2.
Little, Arthur J., F. A. Ryder, and C. A. Woodcock, to Stewart-Warner Corp. Meter. 201,100, 5–11–65, Cl. D52—6.

Little, John M., B. G. Bowden, and W. O. Bonner, to The National Super Service Co. Combination floor maintenance machine or the like. 202,170, 9–7–65, Cl. D9—2.
Little, Robert E.: *See*—
Sohn, John P., and Little. 200,894.
Little, Robert E. Clothes drier. 201,633, 7–13–65, Cl. D49—1.
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Faison, Charles B. 201,529.
Litton Precision Products, Inc.: *See*—
Meissner, George W., and Stumpf. 202,185.
Litton, Winferd W. Rack for supporting cooked frankfurters. 199,981, 1–5–65, Cl. D33—3.
Liu, Charles C. Y.: *See*—
Greenberg, Harry, and Liu. 202,624.
Livingston, Russell G. Combined radiation shield and wire support for a spark plug. 200,774, 4–6–65, Cl. D26—1.
Livingston, Russell G., to Hallett Mfg. Co. Combined ignition coil attachment and coil wire supporting connector. 202,844, 11–9–65, Cl. D77—1.
Lock, Everett H.: *See*—
Eckel, John E., and Lock. 202,998.
Locke Mfg. Co.: *See*—
Huret, Norman B. 200,702.
Lockhart, William K., to Westinghouse Air Brake Co. Signal cover glass. 201,297, 6–8–65, Cl. D48—32.
Lockheed Aircraft Corp.: *See*—
Culver, Irven H., Pitkin, and Statler. 200,276.
Fiedler, Willy A. 200,941.
Greene, Reginald E. 200,855.
Johnson, Clarence L., and Statler. 201,062.
Minden, Donald L. 200,557.
Loeb, Lawrence A. Boat fender. 200,274, 2–9–65, Cl. D71—1.
Loeb, Lawrence A. Boat fender. 200,275, 2–9–65, Cl. D71—1.
Loeb, Morris. Drawer pull. 199,965, 1–5–65, Cl. D10—8.
Logerquist, Donald W., to General Motors Corp. Wheel cover. 201,549, 7–6–65, D14—30.
Logghe, Ronald M.: *See*—
Deaver, Dann T., and Logghe. 200,637.
Logghe, Ronald M., to Motor Wheel Corp. Wheel. 200,197, 2–2–65, Cl. D14—30.
Lohn, Edwin E. Automobile headrest. 201,961, 8–17–65, Cl. D15—8.
Loma Industries: *See*—
Benjamin, E. Burton. 200,882.
Lombardo, Anthony P., to Federal Tin and Paper Products, Inc. Combined closure, pouring spout and sifter. 200,024, 1–5–65, Cl. D58—26.
Lommel, William J., to Institutum Divi Thomae Foundation. Sun lamp. 200,213, 2–2–65, Cl. D48—20.
Loney, James R., to Plastic Packaging Products Ltd. Compartmented packaging tray. 202,132, 8–31–65, Cl. D58—13.
Loney, James R., to Plastic Packaging Products Ltd. Compartmented packaging tray. 203,009, 11–23–65, Cl. D58—13.
Loney, James R., to Plastic Packaging Products Ltd. Compartmented packaging tray. 203,138, 12–7–65, Cl. D58—13.
Long, Douglas A.: *See*—
Parriott, Joseph M., and Long. 202,108.
Long, Douglas, to Valve Corp. of America. Dispensing cap. 201,472, 6–22–65, Cl. D58—26.
Long, Douglas, to Valve Corp. of America. Dispensing cap. 201,473, 6–22–65, Cl. D58—26.
Long, Douglas, to Valve Corp. of America. Dispensing cap. 201,648, 7–13–65, Cl. D58—26.
Long, Douglas, to Valve Corp. of America. Dispensing cap. 201,649, 7–13–65, Cl. D58—26.
Long, Douglas, to Valve Corp. of America. Dispensing cap. 201,650, 7–13–65, Cl. D58—26.
Long, Douglas, to Valve Corp. of America. Dispensing cap. 201,651, 7–13–65, Cl. D58—26.
Long, Douglas, to Valve Corp. of America. Dispensing cap. 202,302, 9–14–65, Cl. D58—26.
Long, James M., to A. G. Spalding & Bros., Inc. Golf club head. 201,448, 6–22–65, Cl. D34—5.
Lopal, Inc.: *See*—
Krusche, Kurt. 202,979.
Lorenz, Leo J., and T. E. Stephenson, to Massey-Ferguson Inc. Tractor. 200,302, 2–16–65, Cl. D14—3.
Lorenzen, Arnold I., deceased (G. M. Lorenzen, executrix), to Owens-Illinois Glass Co. Jug. 200,013, 1–5–65, Cl. D58—5.
Lorenzen, Arnold I., deceased, by G. M. Lorenzen, executrix, to Owens-Illinois Glass Co. Jar. 200,123, 1–19–65, Cl. D58—25.
Lorenzen, Arnold I., to Owens-Illinois Glass Co. Jar. 200,268, 2–9–65, Cl. D58—25.
Lorenzen, Arnold I., deceased, by G. M. Lorenzen, executrix, to Owens-Illinois Glass Co. Jar. 200,358, 2–16–65, Cl. D58—8.
Lorenzen, Arnold I., to Owens-Illinois Glass Co. Bottle. 200,442, 2–23–65, Cl. D58—6.
Lorenzen, Arnold I., deceased (by G. M. Lorenzen, executrix), to Owens-Illinois Glass Co. Bottle. 200,499, 3–2–65, Cl. D58—8.
Lorenzen, Arnold I., deceased, by G. M. Lorenzen, executrix, to Owens-Illinois Glass Co. Bottle. 201,216, 5–25–65, Cl. D58—6.
Lorenzen, Arnold I., deceased, by G. M. Lorenzen, executrix, to Owens-Illinois Glass Co. Bottle. 201,217, 5–25–65, Cl. D58—6.
Lorenzen, Arnold I., deceased, by G. M. Lorenzen, executrix, to Owens-Illinois Glass Co. Bottle. 201,220, 5–25–65, Cl. D58—8.
Lorenzen, Arnold I., deceased (by G. M. Lorenzen, executrix), to Owens-Illinois Glass Co. Jug. 201,469, 6–22–65, Cl. D58—5.
Lorenzen, Arnold I., deceased (by G. M. Lorenzen, executrix), to Owens-Illinois Glass Co. Jar. 202,386, 9–21–65, Cl. D58—25.
Lorenzen, Gertrude M.: *See*—
Lorenzen, Arnold I. 200,013.
Lorenzen, Arnold I. 200,123.
Lorenzen, Arnold I. 200,358.
Lorenzen, Arnold I. 200,499.
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Lorig, Marvin B.: *See*—
Deschamps, Robert L., and Lorig. 201,802.
Deschamps, Robert L., and Lorig. 201,803.
Los Angeles Harbor Marine Co.: *See*—
Carpentier, Theodore. 200,886.
Loska, Stephen J., Jr., and H. J. Hollibaugh. Glassware rack. 200,656, 3–23–65, Cl. D44—29.
Loughley, William C., H. F. Boorn, and C. W. Mabey, to Amerace Corp. Tire. 202,161, 8–31–65, Cl. D90—20.
Louw, Franklin S.: *See*—
Cameron, Alexander M., and Louw. 202,880.
Lovejoy, Charles K., and F. H. Stephens, Jr. Merchandising display stand for writing instruments and the like. 201,265, 6–1–65, Cl. D80—9.
Lovendusky, Charles M., to AMP Inc. Machine for inserting contacts into panel boards. 202,818, 11–9–65, Cl. D55—1.
Lowe, Donald E.: *See*—
Rowley, Donald F., and Lowe. 200,756.
Lowe, Eugene C., Jr., to Aztec Boat Corp. Boat. 202,591, 10–19–65, Cl. D71—1.
Lowe, John, III. Soil engineer's survey tool. 203,134, 12–7–65, Cl. D54—13.
Lowe, Maurice S.: *See*—
Miller, Earle F., Jr., and Lowe. 200,078.
Miller, Earle F., Jr., and Lowe. 200,079.
Lowell, Benjamin W.: *See*—
Hammes, Josef J. 200,824.
Lowell, Paul G. Game board. 201,371, 6–15–65, Cl. D34—5.
Lowrie, Jeannette, to Aimcee Wholesale Corp. Cup. 202,644, 10–26–65, Cl. D44—9.
Luedtke, Warren J., to S. C. Johnson & Son, Inc. Dispensing bottle. 201,997, 8–17–65, Cl. D58—6.
Luft, Ludwig. Buret or similar article. 203,174, 12–14–65, Cl. D16—1.
Lull, Raymond S., to The B. F. Goodrich Co. Tire. 201,488, 6–22–65, Cl. D90—20.
Lumidor Products Corp.: *See*—
Potruch, Robert A. 201,441.
Lumley, Maurice C., to The F. H. Lawson Co. Trash receptacle. 200,121, 1–19–65, Cl. D58—17.
Lunetiers, Cottet, Poichet, Tagnon & Cie, Societe des: *See*—
Lhospice, Bernard. 200,805.
Lurkis, Alexander: *See*—
Deskey, Donald, and Lurkis. 201,826.
Deskey, Donald, and Lurkis. 202,372.
Lurski, Robert B.: *See*—
Ostborg, Jan N., and Lurski. 202,720.
Lyman, George F., and G. Mathus, to The Morningstar Corp. Reel flange. 202,831, 11–9–65, Cl. D61—1.
Lyman, George F., and G. Mathus, to The Morningstar Corp. Reel flange. 202,944, 11–16–65, Cl. D61—1.
Lynch, Calvin W. Smoking pipe. 202,400, 9–21–65, Cl. D85—8.
Lyon, David, to Rowland Products Inc. Plastic sheet material. 200,944, 4–20–65, Cl. D87—3.
Lyon, David, to Rowland Products, Inc. Plastic sheet material. 201,421, 6–15–65, Cl. D87—3.
Lyon, David, to Rowland Products, Inc. Plastic sheet material. 201,422, 6–15–65, Cl. D87—3.
M-R-S Mfg. Co.: *See*—
Simmons, Lovell R., Ray, and Rasberry. 200,766.
M. T. & D. Co., The: *See*—
Musichuk, Alexander B. 203,241.
Maas, Alfred E., to Maidenform, Inc. Brassiere. 202,267, 9–14–65, Cl. D20—4.
Maatschappij tot Exploiteren van Octrooien en Licenties "Matepa," N.V.: *See*—
Swane, Albertus-Antonius. 200,669.
Mabey, Charles W.: *See*—
Loughley, William C., Boorn, and Mabey. 202,161.
MacDonald, Howard R. Ash tray. 202,965, 11–16–65, Cl. D85—2.
Macdonald, John G. Orthopaedic arch support. 201,664, 7–20–65, Cl. D7—5.
MacFarlane, Carolyn H. Voice reflector. 203,115, 12–7–65, Cl. D25—1.
Machines Bull (Societe Anonyme) Compagnie des: *See*—
Meunier, Tiarko G. 202,554.
Meunier, Tiarko G. 202,555.

Mack, Carl E., J. J. Cleary, and R. D. Kokoruda, to Titan Tool Co. Holder for television program or the like. 200,828, 4–6–65, Cl. D74—1.
Mackay, Frederick G., to Northrop Architectural Systems. Combined handles and lockset for sliding doors. 203,132, 12–7–65, Cl. D50—5.
Mackay, Frederick G., and G. W. Schmidt, to Price-Pfister Brass Mfg. Co. Lavatory fitting or similar article. 200,042, 1–5–65, Cl. D91—3.
MacKay, George L.: *See*—
MacKay, Kenneth H. 200,547.
MacKay, Julia F.: *See*—
MacKay, Kenneth H. 200,547.
MacKay, Kenneth H., deceased, by G. L., J. F., and K. H. MacKay, Jr., executors. Service tray. 200,547, 3–9–65, Cl. D44—10.
MacKay, Kenneth H., Jr.: *See*—
MacKay, Kenneth H. 200,547.
Mackin, Robert J. Cribbage board or similar article. 200,477, 3–2–65, Cl. D34—5.
MacKrell, William B., to Standard Packaging Corp. Trivet tray. 201,630, 7–13–65, Cl. D44—10.
MacKrell, William B., to Standard Packaging Corp. Desk pen set. 202,239, 9–7–65, Cl. D74—5.
MacLea, William B. Game board. 202,047, 8–24–65, Cl. D34—5.
Macone, Frederick W.: *See*—
Kitrosser, Samuel, and Macone. 201,225.
MacWherter, George W., to The B. F. Goodrich Co. Tire. 200,948, 4–20–65, Cl. D90—20.
MacWherter, George W., to The B. F. Goodrich Co. Tire. 201,269, 6–1–65, Cl. D90—20.
Madden, Jerome F.: *See*—
Webb, James E. 202,539.
Mader, Robert J. Golf putter. 202,114, 8–31–65, Cl. D34—5.
Madl, Alfred W., to John Oster Mfg. Co. Can opener. 200,103, 1–19–65, Cl. D22—2.
Madl, Alfred W., to John Oster Mfg. Co. Can opener. 200,235, 2–9–65, Cl. D22—2.
Madl, Alfred W., to John Oster Mfg. Co. Combined can opener and knife sharpener. 200,242, 2–9–65, Cl. D37—1.
Madl, Alfred W., to John Oster Mfg. Co. Combined can opener and knife sharpener. 200,243, 2–9–65, Cl. D37—1.
Madl, Alfred W., to John Oster Mfg. Co. Power unit for a blender or the like. 200,285, 2–9–65, Cl. D89—1.
Madl, Alfred W., to John Oster Mfg. Co. Percolator. 201,456, 6–22–65, Cl. D44—26.
Madl, Alfred W., to John Oster Mfg. Co. Mixer. 201,629, 7–13–65, Cl. D44—1.
Madl, Alfred W., to John Oster Mfg. Co. Hair dryer blower. 202,015, 8–17–65, Cl. D86—10.
Maffei, Leo J., to Emhart Corp. Door handle. 203,220, 12–14–65, Cl. D50—3.
Maffei, Leo J., and C. A. Vahlstrom, to Emhart Corp. Luggage lock. 200,873, 4–13–65, Cl. D50—7.
Magic Chef, Inc.: *See*—
Waltman, Charles T. 202,317.
Magnus, Finn H. Fishing rod shank. 200,781, 4–6–65, Cl. D31—4.
Maguire, Frederick A., to Interstate Boochever Corp. Display stand. 203,017, 11–23–65, Cl. D80—9.
Maguire, Paul R., to D. P. Bushnell. Spotting telescope. 202,526, 10–12–65, Cl. D57—1.
Maguire, Paul R., to D. P. Bushnell. Prismatic telescope for telephotography or similar uses. 202,820, 11–9–65, Cl. D57—1.
Maher, Raymond J. Amusement game target unit. 201,027, 5–4–65, Cl. D34—5.
Mahler, Charles J.: *See*—
Bolmer, James G., Jr., and Mahler. 200,126.
Mahler, David, to Blue Cross Laboratories, Inc. Dispenser for use in a toilet flush tank. 202,888, 11–16–65, Cl. D16—2.
Mahoney, Thomas P.: *See*—
Wenzlaff, Karl H. and L. E. 202,721.
Maiarana, Jane E. Liturgical vestment. 201,539, 7–6–65, Cl. D3—26.
Maiarana, Jane E. Liturgical vestment. 202,166, 9–7–65, Cl. D3—26.
Maidenform Inc.: *See*—
Guberman, Sam. 202,499.
Maas, Alfred E. 202,267.
Maier, Elmar, to Carena S.A. Sound motion picture projector. 200,025, 1–5–65, Cl. D61—1.
Maier, Kenneth D.: *See*—
Hoogesteger, Paul A., and Maier. 203,303.
Maitland, Leon R., and R. L. Grannis, to Talon, Inc. Pull for a slide fastener. 202,890, 11–16–65, Cl. D17—8.
Maize, James W., to Hyer Hardware Mfg. Co. Hinge. 202,544, 10–19–65, Cl. D10—9.
Maize, James W., to Hyer Hardware Mfg. Co. Pull for doors, drawers and the like. 202,695, 11–2–65, Cl. D10—8.
Majestic Seat Co.: *See*—
Roe, Norman E. 201,427.
Majestic Wax Co.: *See*—
Van Schwartz, Zolly C. 202,169.
Makris, Aristides, to The B. F. Goodrich Co. Tire. 202,253, 9–7–65, Cl. D90—20.
Malcolm, Harold C. Holder for fishing tackle and the like. 202,712, 11–2–65, Cl. D31—4.
Mallory, P. R., & Co., Inc.: *See*—
Leotta, Samuel S. 201,094.
Mallory, Robert V., and E. J. Sabella, to International Business Machines Corp. Printer console. 202,703, 11–2–65, Cl. D26—5.
Manaster, Ben B., to Crest Specialty, Inc. Necktie hanger. 200,224, 2–2–65, Cl. D80—8.
Manderfield, Ellen B., to Oneida Ltd. Spoon or similar article. 200,800, 4–6–65, Cl. D54—12.
Manderfield, Ellen B., to Oneida Ltd. Spoon or similar article. 200,874, 4–13–65, Cl. D54—12.
Manderfield, Ellen B., to Oneida Ltd. Spoon or similar article. 201,834, 8–3–65, Cl. D54—12.
Manderfield, Ellen B., to Oneida Ltd. Spoon or similar article. 202,214, 9–7–65, Cl. D54—12.
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Marchant, Paul A., to Rexall Drug and Chemical Co. Packaging container for medicines or the like. 202,133, 8–31–65, Cl. D58—17.
Marchant, Paul A., to Rexall Drug and Chemical Co. Jug. 202,661, 10–26–65, Cl. D58—5.
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Marchello, John L., to Joseph Buegeleisen Co. Safety helmet. 203,152, 12–14–65, Cl. D3—13.
Marchello, John L., to Joseph Buegeleisen Co. Safety helmet. 203,153, 12–14–65, Cl. D3—13.
Marchi, Vitalino, to Foster Grant Co., Inc. Pair of spectacles. 202,129, 8–31–65, Cl. D57—1.
Marcocchio, Alphonso E. Spool holder. 201,119, 5–18–65, Cl. D3—19.
Marcoline, Joseph O. Protractor. 201,829, 8–3–65, Cl. D52—6.
Marder, Michael. Combined telephone support and memo pad holder or the like. 202,078, 8–24–65, Cl. D74—1.
Marghab, Vera W. Napkin or the like. 201,069, 5–4–65, Cl. D92—26.
Marghab, Vera W. Place mat or the like. 202,020, 8–17–65, Cl. D92—26.
Margolin, Jerome. Combined holder for toothbrushes, tooth paste tube, soap cake and water glass. 200,189, 2–2–65, Cl. D4—3.
Mariani, John, Jr. Wine bottle. 202,480, 10–5–65, Cl. D58—8.
Mariani, Mary. Game board. 202,989, 11–23–65, Cl. D34—5.
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Marks, William J. Protective abdominal plate. 202,868, 11–16–65, Cl. D3—10.
Markson, Morley, to National Rubber Co. Ltd. Fender flap. 202,101, 8–31–65, Cl. D14—6.
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Martin, David A. Hand tool for garment conditioning. 200,151, 1–26–65, Cl. D9—2.
Martin, Floyd. Portable folding wind breaker. 200,777, 4–6–65, Cl. D28—1.
Martin, Gene. Insulated beverage server. 201,902, 8–10–65, Cl. D44—21.

Martin, Merritt W., Jr., to Hoover Ball and Bearing Co. Jug. 200,668, 3–23–65, Cl. D58—5.
Martin, Richard T., to Dahlberg Electronics, Inc. Hearing aid. 200,858, 4–13–65, Cl. D26—14.
Martinez, Eugene. Motion picture film editor or similar article. 200,611, 3–16–65, Cl. D61—1.
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Martinez, Richard. Golf club. 201,250, 6–1–65, Cl. D34—5.
Martino, Louis J., W. E. Moll, and R. E. Weimer, to McDonald's System, Inc. Waste receptacle. 201,526, 6–29–65, Cl. D58—17.
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Maslow, Louis. Silverware basket. 202,569, 10–19–65, Cl. D44—29.
Mason, Harvey B. Flexible container for hand pistols. 200,807, 4–6–65, Cl. D58—2.
Mason, Stanley A. Fish lure. 201,282, 6–8–65, Cl. D31—4.
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Masuda, Shigeru. Plate or similar article. 200,056, 1–12–65, Cl. D44—15.
Masuda, Shigeru. Plate or similar article. 200,057, 1–12–65, Cl. D44—15.
Masuda, Shigeru. Plate or similar article. 200,058, 1–12–65, Cl. D44—15.
Masuda, Shigeru. Plate or similar article. 200,059, 1–12–65, Cl. D44—15.
Masuda, Shigeru. Plate or similar article. 200,060, 1–12–65, Cl. D44—15.
Masuda, Shigeru. Plate or similar article. 200,066, 1–12–65, Cl. D44—15.
Masuda, Shigeru. Plate or similar article. 201,504, 6–29–65, Cl. D44—15.
Masuda, Shigeru. Plate or similar article. 201,505, 6–29–65, Cl. D44—15.
Masuda, Shigeru. Plate or similar article. 201,506, 6–29–65, Cl. D44—15.
Masuda, Shigeru. Plate or similar article. 201,507, 6–29–65, Cl. D44—15.
Masuda, Shigeru. Plate or similar article. 201,508, 6–29–65, Cl. D44—15.
Masuda, Shigeru. Plate or similar article. 201,509, 6–29–65, Cl. D44—15.
Masuda, Shigeru. Plate or similar article. 201,510, 6–29–65, Cl. D44—15.
Masuda, Shigeru. Plate or similar article. 201,511, 6–29–65, Cl. D44—15.
Masuda, Shigeru. Plate or similar article. 201,512, 6–29–65, Cl. D44—15.
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Mattiello, Roberto J. C. Tile or similar article. 202,496, 10–12–65, Cl. D18—2.
Mattiello, Roberto J. C. Tile or similar article. 202,497, 10–12–65, Cl. D18—2.
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McConologue, Leo V. Commercial building. 202,260, 9–14–65, Cl. D13—1.
McCord, Georgie P., to United States Rubber Co. Valve cap for fire valve inserts, inner tubes and the like. 201,606, 7–6–65, Cl. D90—20.
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McLean, James, J. A. Vogelsang, and K. A. Greer, to American Store Equipment & Construction Corp. Showcase. 200,987, 4–27–65, Cl. D80—11.
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McNair, Samuel L., to The Songrand Corp. Chin massager. 202,534, 10–12–65, Cl. D83—1.
McNair, Samuel L., to The Songrand Corp. Hydrotherapy bath unit. 203,311, 12–21–65, Cl. D83—1.
McNair, Samuel L. Tub for massage apparatus. 203,373, 12–28–65, Cl. D83—1.
McNaughton, Ann G. Game board or the like. 202,360, 9–21–65, Cl. D34—5.
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Meissner, George W., and W. E. Stumpf, to Litton Precision Products, Inc. Microwave oven. 202,185, 9–7–65, Cl. D16—2.
Melchior, Merle C., ½ to S. Galper. Bar stool. 201,434, 6–22–65, Cl. D15—8.
Melchior, Merle C., ½ to S. Galper. Chair. 202,104, 8–31–65, Cl. D15—1.
Melchior, Merle C., ½ to S. Galper. Chaise lounge. 202,184, 9–7–65, Cl. D15—11.
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Melchior, Merle C., ½ to S. Galper. Chaise. 202,887, 11–16–65, Cl. D15—11.
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Menezes, William, and G. F. Fossella, to National Radio Co., Inc. Handle. 200,953, 4–27–65, Cl. D10—8.
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Meunier, Tiarko G., to Compagnie des Machines Bull (Societe Anonyme). Keyboard unit. 202,555, 10–19–65, Cl. D26—5.
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Meyer, Carl X., to Emerson Electric Co. Prismatic paneling for lighting fixtures. 201,822, 8–3–65, Cl. D48—16.
Meyer, Carl X., and W. R. Garnett, to Emerson Electric Co. Lighting fixture. 202,648, 10–26–65, Cl. D48—23.
Meyer, Edward P., and W. L. Wright, to Physionic Engineering, Inc. Combined adjustable support and ultrasonic transducer head for diagnostic scanners. 201,335, 6–8–65, Cl. D83—1.
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Meyers, Harold A. Spectacle frame. 200,601, 3–16–65, Cl. D57—1.
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Middlemark, Marvin P. Television antenna for indoor use. 201,623, 7–13–65, Cl. D26—14.
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Middlemark, Marvin P. Television antenna for indoor use. 201,805, 8–3–65, Cl. D26—14.
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Miele, Harry J. Carrier for golf equipment. 200,417, 2–23–65, Cl. D34—5.
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Miller, Charles H., and W. J. Wilson, to Kaiser Aluminum & Chemical Corp. Refractory block. 203,372, 12–28–65, Cl. D81—25.
Miller, Earle F., Jr., and M. S. Lowe. Font of type or similar article. 200,078, 1–12–65, Cl. D64—12.
Miller, Earle F., Jr., and M. S. Lowe. Font of type or similar article. 200,079, 1–12–65, Cl. D64—12.
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Miller, Robert L., to Lear Siegler, Inc. Heater casing. 200,516, 3–2–65, Cl. D81—10.
Miller, William P., to Thomas & Betts Co., Inc. Bundle strap. 201,798, 8–3–65, Cl. D17—5.
Millerbernd, Paul A. High voltage cross-arm attachment for a transmission line pole. 203,183, 12–14–65, Cl. D26—12.
Millington, William, and W. M. Day, to D. H. Baldwin Co. Organ console. 200,437, 2–23–65, Cl. D56—2.
Millington, William, and W. M. Day, to D. H. Baldwin Co. Organ console. 200,438, 2–23–65, Cl. D56—2.
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Moore, Donald A., to International Business Machines Corp. Electronic computer console or similar article. 202,189, 9–7–65, Cl. D26—5.
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Obert, Luciano, and G. d'Urso, to AMP Inc. Insulator housing for electrical contacts. 200,578, 3–16–65, Cl. D26—10.
O'Brien, Philip J., to Standard Pyroxoloid Corp. Standup mirror. 200,139, 1–19–65, Cl. D86—10.
Odle, Herbert A., to Holophane Co., Inc. Refractor for illuminating fixtures. 200,591, 3–16–65, Cl. D48—16.
O'Donnell, Thomas P. Combination drainer and holder having dual attaching elements or similar article. 201,745, 7–27–65, Cl. D9—2.
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O'Keeffe, William F. Skylight curb member. 200,632, 3–23–65, Cl. D13—6.
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Olson, Richard J., to Eastman Kodak Co. Motion picture camera. 203,233, 12–14–65, Cl. D61—1.
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Patton, George, Jr., to Rexall Drug and Chemical Co. Serving tray. 201,900, 8–10–65, Cl. D44—10.
Paulich, Rudolph. Door knocker. 202,172, 9–7–65, Cl. D10—7.
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Pava, Thurman. Flower package. 200,806, 4–6–65, Cl. D58—2.
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Pearsall, Adrian M., to Craft Associates, Inc. Sofa. 202,777, 11–9–65, Cl. D15—11.
Pearsall, Adrian M., to Craft Associates, Inc. Sofa. 202,778, 11–9–65, Cl. D15—11.
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Perry, Frank R., to Oneida Ltd. Spoon or similar article. 202,575, 10–19–65, Cl. D54—12.
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Peters, Louis H., to Union Carbide Corp. Case for beverage containers. 201,312, 6–8–65, Cl. D58—5.
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Petrone, Louis R., F. W. Stevens, and J. R. Tino, to W. R. Grace & Co. Carrier for bottles or the like. 202,665, 10–26–65, Cl. D58—26.
Petrone, Louis R., F. W. Stevens, and J. R. Tino, to W. R. Grace & Co. Carrier for bottles or the like. 202,666, 10–26–65, Cl. D58—26.
Petry, Frank A. Automobile. 201,275, 6–8–65, Cl. D14—3.
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Pettengill, Myron F., to General Electric Co. Luminaire. 201,515, 6–29–65, Cl. D48—31.
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Pettit, Frank P., to Big Rock Mountain Corp. Aerial tramway gondola. 202,310, 9–14–65, Cl. D66—1.
Peyer, Siegfried. Yarn clearer. 199,997, 1–5–65, Cl. D47—5.
Pezely, Joseph M., Jr., R. S. Quandt, and J. H. Riseman, to Corning Glass Works. Electrometer or similar article. 201,885, 8–10–65, Cl. D26—1.
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Hamilton, Donald A. 202,013.
Phelps, Clarence M. Toy windmill or similar article. 200,964, 4–27–65, Cl. D34—15.
Phenix Mfg. Co., Inc.: *See*—
Sawyer, Eugene H. 200,100.
Philbin, Sharon K. Game board. 200,241, 2–9–65, Cl. D34—5.
Philco Corp.: *See*—
Gilbert, Alfred R. 201,305.
Philippart, Clifford T., and F. J. Marsee, to Holley Carburetor Co. Updraft carburetor. 202,845, 11–9–65, Cl. D77—1.
Phillips, Bernard C., to The Tillatson Mfg. Co. Carburetor. 200,561, 3–9–65, Cl. D77—1.
Phillips, George A. Golf club head. 200,419, 2–23–65, Cl. D34—5.
Phillips, Gerard D., Jr., to American Radiator & Standard Sanitary Corp. Water closet. 201,347, 6–15–65, Cl. D4—5.
Phillips, James G., to Eberline Instrument Corp. Building air monitor. 203,264, 12–21–65, Cl. D16—2.
Phillips Petroleum Co.: *See*—
Vidal, Eugene L. 201,257.
Phillips, Sam J., to Inter-Ocean Electronic Corp. Portable radio, or the like. 203,302, 12–21–65, Cl. D56—4.
Philpitt, Fred C. Novelty item or the like for golfers. 202,711, 11–2–65, Cl. D29—28.
Photronix, Inc.: *See*—
Wells, Willis L. 200,823.
Physionic Engineering, Inc.: *See*—
Meyer, Edward P., and Wright. 201,335.
Piccard, Jacques. Submarine. 200,506, 3–2–65, Cl. D71—1.
Picco, Oswald M. Match box. 202,123, 8–31–65, Cl. D48—28.
Picco, Oswald M. Combined holder and match boxes therefor. 202,287, 9–14–65, Cl. D48—28.
Pick, Paul F., to The Allen Mfg. Co. Nut. 201,388, 6–15–65, Cl. D54—9.
Pickands, Alexander B., to The Motloid Co. Blister package for liquids or the like. 202,298, 9–14–65, Cl. D58—2.
Picot, Bernard T. E., to Christian Dior Perfumes Corp. Bottle closure. 201,401, 6–15–65, Cl. D58—26.
Pierce, Joseph E.: *See*—
Christine, William C., and Pierce. 203,222.

Pieschel, Walter L. Beverage cooler. 201,742, 7–27–65, Cl. D2—3.
Pieschel, Walter L., to The Coca-Cola Bottling Works Co. Beverage cooler. 202,022, 8–24–65, Cl. D2—3.
Pietrowiak, Mary. Holder for sewing articles. 203,025, 11–30–65, Cl. D3—19.
Pihan, Norman W. Milk bottle holder. 202,913, 11–16–65, Cl. D44—21.
Piker, Herbert M., to The Hamilton-Skotch Corp. Insulated jug. 200,979, 4–27–65, Cl. D58—17.
Piker, Herbert M., to The Hamilton-Skotch Corp. Insulated portable container. 201,319, 6–8–65, Cl. D58—17.
Piland, Vollie M., to Ainslie Perrault. Building. 203,334, 12–28–65, Cl. D13—1.
Pines Engineering Co., Inc.: *See*—
Schmidt, Hans. 201,576.
Pinke, August H., and W. E. Petersen, to H. D. Hudson Mfg. Co. Sprayer pump handle or similar article. 201,624, 7–13–65, Cl. D31—3.
Pinnell, George D. Fishing lure. 200,160, 1–26–65, Cl. D31—4.
Pintarelli, Ralph. Earring. 199,996, 1–5–65, Cl. D45—9.
Pisano, Louis. Wall sconce or similar article. 200,796, 4–6–65, Cl. D48—2.
Pitkin, John B.: *See*—
Culver, Irven H., Pitkin, and Statler. 200,276.
Pitts, Edith J., to Lambert Engraving Co., Inc. Cigarette lighter. 201,039, 5–4–65, Cl. D48—27.
Pitzer, Valda L. Christmas decoration or similar article. 200,204, 2–2–65, Cl. D29—1.
Pizza Hut, Inc.: *See*—
Burke, Richard D., and Kingdon. 202,878.
Plante, Bernard: *See*—
Pannullo, Hugo E., H. C. Neville, and H. Neville, Jr. 200,299.
Plantholt, Robert F.: *See*—
Balmer, James G., Jr., and Plantholt. 200,272.
Plantholt, Robert G. Xerographic transfer and fusing apparatus. 200,129, 1–19–65, Cl. D61—1.
Plantholt, Robert G. Xerographic camera. 200,130, 1–19–65, Cl. D61—1.
Plantholt, Robert G., to Xerox Corp. Xerographic printer. 201,405, 6–15–65, Cl. D61—1.
Plantholt, Robert G., to Xerox Corp. Microfiche printer. 202,746, 11–2–65, Cl. D61—1.
Plastic Coating Corp., The: *See*—
Beck, William R., Jr., and Bokeny. 202,582.
Plastic Packaging Products Ltd.: *See*—
Loney, James R. 202,132.
Loney, James R. 203,009.
Loney, James R. 203,138.
Plastics, Inc.: *See*—
Gribbens, William J. 202,493.
Platner, Warren. Chair. 201,433, 6–22–65, Cl. D15—1.
Platte, Richard L., to The Dow Chemical Co. Jug. 200,356, 2–16–65, Cl. D58—5.
Platte, Richard L., to Hoover Ball and Bearing Co. Jug. 200,809, 4–6–65, Cl. D58—5.
Platte, Richard L., to Hoover Ball and Bearing Co. Bottle. 201,215, 5–25–65, Cl. D58—6.
Platte, Richard L., to Hoover Ball and Bearing Co. Jug. 202,932, 11–16–65, Cl. D58—5.
Platte, Richard L., to Hoover Ball and Bearing Co. Bottle. 202,933, 11–16–65, Cl. D58—6.
Plattner, Andrew J. Bottle. 201,470, 6–22–65, Cl. D58—6.
Plavcan, Edward J., to Dresser Industries, Inc. Thermometer. 200,596, 3–16–65, Cl. D52—7.
Playskool Mfg. Co.: *See*—
McLeod, William, and Rockwell. 200,479.
Playthings, Inc.: *See*—
Burns, Atwill B., and Lachapelle. 201,398.
Pleasant Toy Corp., Inc.: *See*—
Kloack, Robert C. 201,374.
Pleasants, Jack, to Nova Products, Inc. Golf practice viewing mirror. 203,280, 12–21–65, Cl. D34—5.
Pneumafil Corp.: *See*—
Hocutt, R. Hovan, and Mullinax. 203,155.
Pocket Books, Inc.: *See*—
Engel, Lyle K. 202,453.
Podall, Robert, to Aerosol Research Co. Dispenser cap. 201,652, 7–13–65, Cl. D58—26.
Podall, Robert, to Sawyer's, Inc. Slide projector. 202,669, 10–26–65, Cl. D61—1.
Podmore, Alan W. R., to AMP Inc. Lamp for automobile dashboards, panels, and the like. 200,491, 3–2–65, Cl. D48—20.
Pohlmann, Charles F., to General Electric Co. Support stand for an educational kit or the like. 201,017, 5–4–65, Cl. D25—1.
Polaroid Corp.: *See*—
Conner, James M., and Dreyfuss. 202,321.
Polatchek, Alvin, to Shields, Inc. Battery powered vacuum cleaner. 200,092, 1–19–65, Cl. D9—2.
Polatchek, Alvin, to Shields, Inc. Battery powered motor driven shoe brush. 200,293, 2–16–65, Cl. D9—2.
Polesky, Daniel A.: *See*—
Barrett, Richard A., and Polesky. 202,514.
Polivka, John N.: *See*—
Graham, Elwood M., and Polivka. 201,602.
Polk, Emil S. Paper clip, or similar article. 202,079, 8–24–65, Cl. D74—2.
Polkosnik, Bernard L., to General Hardware Mfg., Co., Inc. Marking gage. 201,570, 7–6–65, Cl. D52—6.
Pollard, Pauline: *See*—
Freitas, Alfred J. 202,064.
Polukoff, Leonard H. Motorized spray unit. 201,060, 5–4–65, Cl. D62—2.
Polytop Corp.: *See*—
Wilson, Woodrow S. 201,222.
Wilson, Woodrow S. 202,136.
Ponkey, Jack L.: *See*—
Armstrong, William H., and Ponkey. 202,883.
Pool, Frederick J., to Prodare Co. Tumbler or similar article. 202,568, 10–19–65, Cl. D44—9.
Porter, Alvin J., to Product Design & Engineering, Inc. Combined dispensing and closure cap for the neck of a container. 200,023, 1–5–65, Cl. D58—26.
Porter, Floyd H.: *See*—
Fleming, Joseph B., Jr., and Porter. 201,847.
Fleming, Joseph B., Jr., and Porter. 201,848.
Porter, H. K., Co. (Delaware): *See*—
Franklin, Burton P., and Parcher. 202,378.
Potruch, Robert A., to Lumidor Products Corp. Cable brace. 201,441, 6–22–65, Cl. D26—10.
Potter, Arthur C. Clothespin. 200,902, 4–20–65, Cl. D17—6.
Potter Instrument Co., Inc.: *See*—
De Phillips, Gaeton J. 202,127.
Fugit, Guy S. 201,439.
Potter, Stafford F., to United States of America, Navy. Joint service commendation medal. 201,683, 7–20–65, Cl. D29—19.
Power, Frank E. Portable gas sterilizer. 201,166, 5–18–65, D83—1.
Power, Robert H., to Nut Tree. Building. 202,981, 11–23–65, Cl. D13—1.
Practical Electric Products Corp.: *See*—
Storch, Adolph D. 202,084.
Prager, Joseph H., 40% to Nichimen Co., Ltd. Housing for a telephone amplifier accessory or similar article. 201,021, 5–4–65, Cl. D26—14.
Pratt, Albert R., and R. Oppedisano, to Apro Engineering, Inc. Hydraulic press. 201,476, 6–22–65, Cl. D63—1.
Preble, Harry, to Speedfast Corp. Fluid operated carton closer or similar article. 200,435, 2–23–65, Cl. D54—13.
Preble, Harry, and J. Rubinstein, to General Slicing Machine Co., Inc. Pencil sharpener stand. 202,457, 9–28–65, Cl. D74—21.
Pregont Jack E. Bird feeder. 200,778, 4–6–65, Cl. D31—2.
Prescott, Robert E.: *See*—
Dreyfuss, Henry, Ericsson, and Prescott. 202,615.
Dreyfuss, Henry, Mosing, and Prescott. 202,787.
Dreyfuss, Henry, Mosing, and Prescott. 202,788.
Presto Lock Co., Inc.: *See*—
Gehrie, Charles S. 200,492.
Gehrie, Charles S. 201,988.
Gehrie, Charles S. 202,065.
Preston, Gertrude, to Preston Industrial Research Ltd. Fluorescent light fixture. 202,807, 11–9–65, Cl. D48—23.
Preston Industrial Research Ltd.: *See*—
Preston, Gertrude. 202,807.
Price, Leonard W.: *See*—
Stuelpnagel, Thomas R., Brix, Hyslop, Hunt, and Price. 200,238.
Price-Pfister Brass Mfg. Co.: *See*—
Mackay, Frederick G., and Schmidt. 200,042.
Price, Verne N., ½ to D. Davis. Belt-supported golf ball carrier. 200,420, 2–23–65, Cl. D34—5.
Price, William J. Portable rest mat. 202,977, 11–23–65, Cl. D5—2.
Prizlow, Alfred J.: *See*—
Cabekkm, Douglas N., and Prizlow. 202,685.
Probasco, Harold T. Vending machine stand. 202,155, 8–31–65, Cl. D80—9.
Procter, Elzie H. Basketball goal. 202,716, 11–2–65, Cl. D34—5.
Procter & Gamble Co., The: *See*—
Campbell, John B. 200,261.
Horne, Willard R. 201,110.
Horne, Willard R. 201,228.
Horne, Willard R. 202,392.
Vanderhyde, Harold J. 201,314.
Vuillemenot, Robert P. 202,228.
Vuillemenot, Robert P. 202,822.
Vuillemenot, Robert P. 202,823.
Proctor, Gilbert P. Pacifier for babies. 200,618, 3–16–65, Cl. D83—8.
Prodare Co.: *See*—
Pool, Frederick J. 202,568.
Product Design & Engineering, Inc.: *See*—
Porter, Alvin J. 200,023.
Product and Idea Developers Inc.: *See*—
Sonneveldt, Julian H., and Demetreon. 201,023.
Products International, Inc.: *See*—
Boller, George R., Armstrong, and Russell. 201,963.
Products Research Co.: *See*—
Dahms, Joseph E. 200,772.
Progress Heat Sealing Co., Inc.: *See*—
Waldinger, Richard A. 202,821.
Pro-Phy-Lac-Tic Brush Co.: *See*—
Newman, Joel E. 201,867.
Propst, Robert L., to Herman Miller, Inc. Wall-mounted shelf unit. 202,195, 9–7–65, Cl. D33—2.

Propst, Robert L., and R. H. Beckman, to Herman Miller, Inc. Storage shelf unit. 202,194, 9–7–65, Cl. D33—2.
Pro-Tech, Inc.: *See*—
Huntsman, Joseph A. 201,767.
Huntsman, Joseph A. 202,572.
Huntsman, Joseph A., and Roth. 202,922.
Prudden, John. Plastic bottle. 202,300, 9–14–65, Cl. D58—8.
Prutting, William C. Phonograph cabinet. 201,713, 7–20–65, Cl. D56—4.
Pugliese, Joseph N. Faucet fixture. 202,491, 10–5–65, Cl. D91—3.
Pull Packaging, Inc.: *See*—
Tamarin, Bernard J. 201,317.
Tamarin, Bernard J. 201,318.
Pullman, Edward J.: *See*
Williams, Lewis W., and Pullman. 201,490.
Pullman Inc.: *See*—
Schmidt, William M. 201,226.
Pulos, Arthur J., and P. B. Sweeney, Jr., to Gaylord Bros., Inc. Library card tray. 201,596, 7–6–65, Cl. D74—9.
Pulos, Arthur J., and P. B. Sweeney, Jr., to Gaylord Bros., Inc. Library card printing machine. 203,308, 12–21–65, Cl. D64—11.
Punch Products Corp.: *See*—
Stefano, Rocco L., Weisbeck, and Shingler. 200,803.
Purex Corp., Ltd.: *See*—
Brown, Charles G. 200,266.
France, Robert J., and Davis. 200,267.
Hachten, Boyd J., Sterges, and Brown. 200,441.
Warden, Louis K., and Sterges. 200,673.
Pyshe, George J., to General Motors Corp. Wheel cover. 202,773, 11–9–65, Cl. D14—30.
Quadara, Richard E. Garment supporting attachment for a clothes hanger. 201,328, 6–8–65, Cl. D80—8.
Quaker Lace Co.: *See*—
Binns, Thomas W. 201,945.
Binns, Thomas W. 202,972.
Castorani, Francesco P. 202,019.
Fees, Richard A. 200,841.
Quandt, Robert S.: *See*—
Dole, Charles M., Jr., and Quandt. 201,360.
Quandt, Robert S.: *See*—
Pezely, Joseph M., Jr., Quandt, and Riseman. 201,885.
Quarltere, Ester M. Tray or the like. 201,631, 7–13–65, Cl. D44—10.
Quartararo, Philip. Combined hole cutter and sharpening tool or the like for repairing sewn-in bicycle tires. 202,125, 8–31–65, Cl. D54—13.
Quartararo, Philip J. Combined boot and filler inserting tool for sewn-in bicycle tube tires or the like. 202,126, 8–31–65, Cl. D54—13.
Quartararo, Philip J. Hole shear or the like for repairing sewn-in bicycle tube tires. 202,999, 11–23–65, Cl. D54—13.
Quartararo, Philip. Reverse hole cutter and sharpener for sewn-in bicycle tube tires or the like. 203,296, 12–21–65, Cl. D54—13.
Quartararo, Philip. Scuffing tool for repairing sewn-in bicycle tube tires or the like. 203,297, 12–21–65, Cl. D54—13.
Quarzlampen Gesellschaft m.b.H.: *See*—
Weissbrod, Helmut, and Thomas. 201,036.
Queen Mfg. Co., Inc.: *See*—
Benjamin, E Burton. 201,370.
Sylvan, Richard. 201,164.
Quick-Chek Electronics and Photo Corp.: *See*—
Bentzman, Louis. 203,081.
Quinlan, Albert F.: *See*—
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Quiroz Ignacio R., and A. and N. Berkman, to Petersen Furniture Co. Musical instrument. 202,579, 10–19–65, Cl. D56—1.
RCR Plastic Arts, Inc.: *See*—
Chard, John H. 200,815.
Rabb, Lionel. Periscope viewer. 202,380, 9–21–65, Cl. D57—1.
Radcliffe, James R., to National Gypsum Co. Acoustical correction tile. 201,799, 8–3–65, Cl. D18—2.
Radcliffe, James R., to National Gypsum Co. Acoustical correction tile. 201,880, 8–10–65, Cl. D18—2.
Radcliffe, James R. Acoustical correction tile. 201,967, 8–17–65, Cl. D18—2.
Radcliffe, James R., to National Gypsum Co. Acoustical correction tile. 202,037, 8–24–65, Cl. D18—2.
Radcliffe, James R., to National Gypsum Co. Acoustical correction tile. 202,038, 8–24–65, Cl. D18—2.
Rader, Richard L. Wheel. 202,419, 9–28–65, Cl. D14—30.
Radiant Pen Corp.: *See*—
Hechtle, Emil. 201,326.
Radio Frequency Laboratories, Inc.: *See*—
Seabury, Richard W., Jr. 202,556.
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Sussin, Victor. 200,106.
Radossevich, Walter R., to Superior Wire & Iron Products, Inc. Locker cabinet. 202,902, 11–16–65, Cl. D33—19.
Rafaeli, Alexander. Tumbler. 202,207, 9–7–65, Cl. D36—8.
Rahn, Loren G., to The B. F. Goodrich Co. Tire. 202,252, 9–7–65, Cl. D90—20.
Rahn, Loren G., to The B. F. Goodrich Co. Tire. 202,970, 11–16–65, Cl. D90—20.
Rahr, Frederic H.: *See*—
Brody, Philip M., and Rahr. 200,199.
Brody, Philip M., and Rahr. 200,200.
Brody, Philip M., and Rahr. 200,201.
Brody, Philip M., and Rahr. 200,202.
Brody, Philip M., and Rahr. 200,404.
Raiford's, Inc.: *See*—
Hord, Lawrence T., Jr. 203,335.
Rains, John K. Swimming pool. 201,793, 8–3–65, Cl. D13—1.
Rakowsky, Darwin L.: *See*—
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Rand, Morris. 201,854.
Rand, Morris, to Rand Associates, Inc. Display table or the like. 201,854, 8–3–65, Cl. D80—2.
Randlett, Edward A., to Owens-Illinois Glass Co. Jug. 200,879, 4–13–65, Cl. D58—5.
Randolph-Rand Corp.: *See*—
Reitzel, Georg. 202 856.
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Van Lew, Robert C., and Rankin. 200,723.
Rappoport, Seymour, to Ronson Corp. Lighter or similar article. 202,121, 8–31–65, Cl. D48—27.
Rasberry, Lester: *See*—
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Raschke, Herbert A., to E. D. Bullard Co. Safety hat. 203,252, 12–21–65, Cl. D3—13.
Rashkow, Milton, to Michael Davis Inc. Bag for golf clubs. 202,635, 10–26–65, Cl. D34—5.
Raso, Vito, to Emerson Electric Co. Casing for a variable ratio transmission or similar article. 200,877, 4–13–65, Cl. D55—1.
Rasor, John C., and N. A. Johnson, to The General Fireproofing Co. Furniture glide. 200,107, 1–19–65, Cl. D33—1.
Rau, Cedric C., to The Future Bottle Corp. Bottle. 201,999, 8–17–65, Cl. D58—8.
Ravreby, Fred A. Loose leaf binder plate. 201,662, 7–20–65, Cl. D6—2.
Rawald, Kenneth E., to Century Metalcraft Corp. Handle for a cooking pot or the like. 202,995, 11–23–65, Cl. D44—29.
Rawson, Paul O.: *See*—
Schick, George L. 202,590.
Rawson, Paul O., to Dynamics Corp of America. Electric blender base. 201,169, 5–18–65, Cl. D89—1.
Rawson, Paul O., Jr., to J. C. Penney Co., Inc. Luggage case. 201,739, 7–20–65, Cl. D87—2.
Rawson, Paul O., Jr., to J. C. Penney Co., Inc. Luggage case. 201,740, 7–20–65, Cl. D87—2.
Ray, Horace H.: *See*—
Simmons, Lovell R., Ray, and Rasberry. 200,766.
Raye, Royce L. Luggage carrier or the like. 200,634, 3–23–65, Cl. D14—3.
Raymond, Eugene B. Combination timing light and tachometer. 201,913, 8–10–65, Cl. D52—6.
Raymond, James S. Restaurant building. 200,700, 3–30–65, Cl. D13—1.
Reagan, Eileen: *See*—
Reagan, Eugene P. 201,612.
Reagan, Eugene P., deceased, by E. Reagan, special administratrix of said E. Reagan. Spray cabinet for disinfecting beverage cases. 201,612, 7–13–65, Cl. D9—2.
Reay, Charles P. Building. 201,617, 7–13–65, Cl. D13—1.
Redford, Edward L., to Belgo International. Cigar holder. 201,537, 6–29–65, Cl. D85—8.
Reed, Edward R., ½ to W. J. Langley. Thrower for targets or the like. 203,281, 12–21–65, Cl. D34—5.
Reed, Gordon H., to Television Research Ltd. Cartridge magnetic tape player or similar article. 203,343, 12–28–65, Cl. D26—14.
Reed, John E., to Sunbeam Corp. Combination can opener and knife sharpener. 201,754, 7–27–65, Cl. D37—1.
Reed, John E., to Sunbeam Corp. Can opener. 202,268, 9–14–65, Cl. D22—2.
Reed, John E., and B. Kelly, to Sunbeam Corp. Steam iron. 200,254, 2–9–65, Cl. D49—1.
Reed, Morris E., to Universal Match Corp. Blasting machine. 202,217, 9–7–65, Cl. D55—1.
Reed-O-Matic, Inc.: *See*—
Fenburr, Herbert L., and Baier. 201,638.
Reese, Michael, Research Foundation: *See*—
Gower, Francis B. 201,167.
Reeves, Jack W. Street sign bracket. 201,387, 6–15–65, Cl. D54—1.
Reeves, Jack W. Street sign bracket. 202,734, 11–2–65, Cl. D54—1.
Reeves, Melbourne C. Fluorescent light fixture. 200,548, 3–9–65, Cl. D48—23.
Regal, John R., to Sperry Rand Corp. Viewer unit for reading documents. 201,771, 7–27–65, Cl. D61—1.
Regan, Edward V. B. Seat. 203,041, 11–30–65, Cl. D15—1.
Rehklau, George D.: *See*—
Martin, Albert W., Rehklau, Vogt, and Whitlock. 202,344.
Reibold, E. L., Agency, Inc.: *See*—
Reibold, Elmer L. 201,992.
Reibold, Elmer L., to E. L. Reibold Agency, Inc. Bath scale or similar article. 201,992, 8–17–65, Cl. D52—10.
Reich, Harold A. Rolling support for garment hangers. 201,735, 7–20–65, Cl. D80—8.

Reichle, Richard G.: *See*—
Haase, Wilbert W., Jr., Reichle, and Wennerberg. 202,815.
Reichow, James R.: *See*—
Allard, Peter B., and Reichow. 200,349.
Cornelius, Richard T., and Reichow. 199,955.
Cornelius, Richard T., and Reichow. 202,688.
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Reichow, James R., to The Cornelius Co. Beverage dispensing head, or similar article. 200,997, 5–4–65, Cl. D2—3.
Reichlow, James R., to The Cornelius Co. Bottle vending machine, or similar article. 201,043, 5–4–65, Cl. D52—3.
Reichow, James R., to The Cornelius Co. Beverage dispenser, or similar article. 201,784, 8–3–65, Cl. D2—3.
Reichow, James R., to The Cornelius Co. Beverage dispenser, or similar article. 201,785, 8–3–65, Cl. D2—3.
Reichow, James R., to The Cornelius Co. Beverage dispenser, or similar article. 201,860, 8–10–65, Cl. D2—3.
Reichow, James R., to The Cornelius Co. Draft arm unit or similar article. 202,327, 9–21–65, Cl. D2—3.
Reichow, James R., to The Cornelius Co. Draft arm, or similar article. 202,328, 9–21–65, Cl. D2—3.
Reichow, James R., to The Cornelius Co. Beverage dispensing valve unit or similar article. 202,689, 11–2–65, Cl. D2—3.
Reichow, James R., to The Cornelius Co. Beverage dispensing valve unit, or similar article. 202,690, 11–2–65, Cl. D2—3.
Reichow, James R., to The Cornelius Co. Refrigerated dispenser cabinet for beverages or the like. 202,747, 11–2–65, Cl. D67—3.
Reid, Donald J., to Kelsey-Hayes Co. Wheel. 200,306, 2–16–65, Cl. D14—30.
Reid, Donald J., to Kelsey-Hayes Co. Wheel. 200,307, 2–16–65, Cl. D14—30.
Reid, Donald J., to Kelsey-Hayes Co. Wheel. 202,032, 8–24–65, Cl. D14—30.
Reifers, Richard F., to Diamond International Corp. Display tray. 203,078, 11–30–65, Cl. D58—13.
Reimold, Viola J., and W. J. Blunt, to National Sales Co. Bathlift for invalids and convalescents. 202,082, 8–24–65, Cl. D83—1.
Reiner, George. Pencil box. 200,933, 4–20–65, Cl. D58—12.
Reiner, Kenneth. Hair roller tray. 200,502, 3–2–65, Cl. D58—13.
Reiner, Kenneth. Combined hair roller tray and stand. 200,520, 3–2–65, Cl. D86—10.
Reiss, Marshall D. Carrier for laundry materials. 200,020, 1–5–65, Cl. D58—26.
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Rempel, Robert C., J. C. Everitt, and A. M. Billings, to Spectra-Physics, Inc. Gas laser. 202,901, 11–16–65, Cl. D26—14.
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Revzin, Milton. Desk tray. 202,951, 11–16–65, Cl. D74—9.
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Reyes, Joseph F. Table. 201,558, 7–6–65, Cl. D33—14.
Reynolds, Donald S. Combined ice making and ice dispensing machine. 200,612, 3–16–65, Cl. D67—3.
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Rhoades, Nolan K., to The Brearley Co. Bathroom scale. 201,636, 7–13–65, Cl. D52—10.
Rhoades, Nolan K., to National Lock Co. Furniture pull or the like. 201,953, 8–17–65, Cl. D10—8.
Rhoades, Nolan K., to The Electric Storage Battery Co. Portable lantern. 203,216, 12–14–65, Cl. D48—24.
Rhoades, Nolan K., and R. T. Jacobsen, to The Electric Storage Battery Co. Electric lantern. 203,063, 11–30–65, Cl. D48—24.
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Rhodes, Harold B., ½ to Fender-Rhodes Inc. Electric piano. 200,440, 2–23–65, Cl. D56—9.
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Riegelman, Harry M. Extrusion for sash members or the like. 201,353, 6–15–65, Cl. D13—6.
Riegelman, Harry M., to Ador Corp. Handle for windows, doors and the like. 202,173, 9–7–65, Cl. D10—8.
Riegelman, Harry M., to Ador Corp. Handle for windows, doors and the like. 202,492, 10–12–65, Cl. D10—8.
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Roberts, Bruce L., to Owens-Illinois Glass Co. Bottle. 201,260, 6–1–65, Cl. D58—8.
Roberts, Bruce L., to Owens-Illinois Glass Co. Bottle. 201,261, 6–1–65, Cl. D58—8.
Roberts, Bruce L., to Owens-Illinois Glass Co. Bottle. 201,585, 7–6–65, Cl. D58—6.
Roberts, Bruce L., to Owens-Illinois Glass Co. Bottle. 201,587, 7–6–65, Cl. D58—8.
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Rodriguez, Emil, to Jacoby-Bender, Inc. Link chain for a bracelet or the like. 202,917, 11–16–65, Cl. D45—4.
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Romain, Neville H., J. C. Skeehan, and E. A. Olson. Air powered saw or the like. 202,255, 9–7–65, Cl. D93—3.
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Ross, Grant D., Jr., to Bell & Howell Co. Motion picture camera. 201,475, 6–22–65, Cl. 61—1.
Ross, Grant D., Jr., to Bell & Howell Co. Hand grip for a motion picture camera or similar article. 202,583, 10–19–65, Cl. D61—1.
Ross, Grant D., Jr., to Bell & Howell Co. Motion picture camera. 202,833, 11–9–65, Cl. D61—1.
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Russell, Fred J. Combined rose and collar for a door knob. 201,097, 5–11–65, Cl. D50—6.
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Sandin, Ray C., and J. F. Morgan, to General Electric Co. Air conditioner. 200,132, 1–19–65, Cl. D62—4.
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Saporito, Dominic A., and S. M. Highberger, to Clark Equipment Co. Vehicle canopy. 200,901, 4–20–65, Cl. D14—3.
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Sasnett, Bolling H., Jr. Gasoline pump housing. 201,568, 7–6–65, Cl. D52—2.
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Schlott, Arthur A., Jr., to Julius Blum & Co., Inc. Grillework for treillages, room dividers or the like. 200,353, 2–16–65, Cl. D54—2.

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Corella, Arthur P., and Schneider. 200,554.

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Schofield, Everett L., G. E. Hatcher, and C. H. Hicks, to Sam Mulkey Co. Portable space heater. 202,010, 8–17–65, Cl. D81—20.

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Schrader, Roger F., W. H. Airgood, and G. C. Nonken, to General Electric Co. Pole type electrical transformer. 202,350, 9–21–65, Cl. D26—15.

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Schramm, Robert M.: *See*—
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Schreckengost, Viktor, to Harris-Intertype Corp. Typesetting machine. 202,389, 9–21–65, Cl. D64—11.

Schreckengost, Viktor, to The Murray Ohio Mfg. Co. Chain drive juvenile vehicle. 202,434, 9–28–65, Cl. D34—15.

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Schroeder, Earle E., and L. H. Smeltzer, Jr., to Allis Chalmers Mfg. Co. Centrifugal pump. 202,145, 8–31–65, Cl. D65—1.

Schroeder, Edward W., to Marriott-Hot Shoppes, Inc. Box for dispensing hot food products or the like. 200,500, 3–2–65, Cl. D58—12.6.

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Schroth, Norman D. Camera accessories bracket. 202,231, 9–7–65, Cl. D61—1.

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Schulte, John C., and W. N. Brownfield, to Sperry Rand Corp. Tape handler or the like. 202,345. 9–21–65, Cl. D26—5.

Schultz, Moses R., to Knoll Associates Inc. Table or similar article. 203,198, 12–14–65, Cl. D33—14.

Schulze, Herbert C. Pipe fitting. 202,323, 9–14–65, Cl. D91—3.

Schumacher, William L., to AMP Inc. Multiple connector block. 200,645, 3–23–65, Cl. D26—1.

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Schwartz, Morris. Picture frame. 202,351, 9–21–65, Cl. D29—20.

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Schwartz, Ronald S., to Northrop Corp. Optical accessory mounting plate. 201,468, 6–22–65, Cl. D57—1.

Schwartz, Sol, and E. J. Guilbert, to Designatronics, Inc. In-line slip clutch. 201,522, 6–29–65, Cl. D55—1.

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Schwarz, Michel S. Combination confectionery display stand and change tray. 200,373, 2–16–65, Cl. D80—9.

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Se Bastian, Ford, to Coffee Chef Corp. Combined coffee urn and dispensing cabinet. 200,149, 1–26–65, Cl. D2—3.
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Seman, David C., C. J., F. P., and J. G. Window and panel combination for a prefabricated house. 201,957, 8–17–65, Cl. D13—1.
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Shaner, Edward O. Auxiliary dental tray. 203,114, 12–7–65, Cl. D24—1.
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Simmons, Lovell R., H. H. Ray, and L. Rasberry, to M-R-S Mfg. Co. Tractor. 200,766, 4–6–65, Cl. D14—3.
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Simon, Joseph D., to Automatic Wire Goods Mfg. Co., Inc. Handle for kitchen utensils or the like. 202,571, 10–19–65, Cl. D44—29.
Simon, Peter. Light fixture. 199,999, 1–5–65, Cl. D48—31.
Simon, Peter. Light fixture. 200,001, 1–5–65, Cl. D48—31.
Simon, Peter. Light fixture. 200,214, 2–2–65, Cl. D48—31.
Simpkins, Terry J., to Lincoln Metal Products Corp. Dispenser for metal foil, wax paper and paper toweling. 201,912, 8–10–65, Cl. D52—2.
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Brennan, Frederick S. 201,287.
Simpson, Adele, Inc.: *See*—
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Deffenbaugh, John L., and Simpson. 202,263.
Simpson, George J. Jewelry charm or similar article. 200,870, 4–13–65, Cl. D45—17.
Simpson, Jack N., to The Electric Storage Battery Co. Pair of sunglasses. 201,394, 6–15–65, Cl. D57—1.
Simpson, Jack N., to The Electric Storage Battery Co. Pair of sunglasses. 201,919, 8–10–65, Cl. D57—1.
Simpson, Jack N., to The Electric Storage Battery Co. Pair of sunglasses. 202,071, 8–24–65, Cl. D57—1.
Simpson, Justian: *See*—
Bozek, John S., and Simpson. 201,647.
Simpson, Lewis E., and W. E. Karow. Reproduction machine. 202,581, 10–19–65, Cl. D61—1.
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Singer Co., The: *See*—
Creter, Frederick G. 200,030.
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Schick, George L., and Rawson. 202,590.
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Sisco, Richard. Top for a carton or the like. 202,135, 8–31–65, Cl. D58—26.
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Romain, Neville H., Skeehan, and Olson. 202,255.
Skiera, Richard J., to Karma Corp. Drink dispenser or the like. 201,948, 8–17–65, Cl. D2—3.
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Slipian, Gladys R. Bar of soap. 202,006, 8–17–65, Cl. D73—1.
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Smades, Colin C. Direction indicator for a bicycle. 200,432, 2–23–65, Cl. D48—32.
Smeaton, John S., to Pengor Ltd. Amphibious vehicle. 200,101, 1–19–65, Cl. D14—3.
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Smith, Bernard N.: *See*—
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Smith, Cecil R. Trailer. 201,675, 7–20–65, Cl. D14—3.
Smith, Clyde W. Reel for an electrical extension cord. 200,791, 4–6–65, Cl. D41—1.
Smith, Dwight B., to National Can Corp. Can end. 201,849, 8–3–65, Cl. D58—26.
Smith, French E., and L. F. Plaskan, to The Wooster Brush Co. Pail. 200,265, 2–9–65, Cl. D58—17.
Smith, Glenn A., to Ampex Corp. Magnetic tape transport. 200,315, 2–16–65, Cl. D26—14.
Smith, Glenn A., to Ampex Corp. Magnetic tape transport. 200,576, 3–16–65, Cl. D26—5.
Smith, Harvey J., to Modern Metal Products Co. Display cabinet for road maps or the like. 201,481, 6–22–65, Cl. D80—11.
Smith, Harvey J., to Modern Metal Products Co. Map display cabinet. 202,531, 10–12–65, Cl. D80—11.
Smith, Harvey J., to Modern Metal Products Co. Map display cabinet. 202,532, 10–12–65, Cl. D80—11.
Smith, Harvey J., to Modern Metal Products Co., Inc. Oil can display cabinet. 202,849, 11–9–65, Cl. D80—11.
Smith, Joseph E., Jr., to Ex-Cell-O Corp. Cabinet for electrical equipment or the like. 201,079, 5–11–65, Cl. D26—5.
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Smith, Marilea S. Mobile. 202,275, 9–14–65, Cl. D29—1.
Smith, Marilea S. Mobile. 202,276, 9–14–65, Cl. D29—1.
Smith, Marley A. Shuffle board game table. 202,793, 11–9–65, Cl. D34—5.
Smith, Maurice C., III, to Marbill Co. Shoe sole or similar article. 201,864, 8–10–65, Cl. D7—5.
Smith, Myrtle J., ½ to L. R. Nesary. Baby's teething ring. 200,382, 2–16–65, Cl. D83—8.
Smith, Rawlon T. Crane for three-point mounting. 202,910, 11–16–65, Cl. D41—1.
Smith, Robert S., and J. Hedu, to Seymour Smith & Son, Inc. Grass shears. 202,893, 11–16–65, Cl. D22—4.
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Snyder, Walter A. Child's ski sleigh. 202,992, 11–23–65, Cl. D34—15.
Sobran, Michael J., to Olin Mathieson Chemical Corp. Firearm. 200,239, 2–9–65, Cl. D30—1.
Sobran, Michael J., to Olin Mathieson Chemical Corp. Firearm. 201,367, 6–15–65, Cl. D30—1.
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Bobrick, Mitchell. 203,351.
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Solberg, Kenneth M. Combined toothbrush and tumbler holder. 201,001, 5–4–65, Cl. D4—3.
Solberg, Kenneth M. Combined toothbrush holder and tumbler. 202,167, 9–7–65, Cl. D4—3.
Solheim, Karsten. Golf putter. 202,715, 11–2–65, Cl. D34—5.
Solomon, Irwin. Chair. 201,129, 5–18–65, Cl. D15—3.
Solomon, Louis. Ring. 201,821, 8–3–65, Cl. D45—10.
Solomon, Louis. Ring. 202,285, 9–14–65, Cl. D45—10.
Solomon, Louis. Ring. 202,726, 11–2–65, Cl. D45—10.
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Souza, Hope E. Cushion for a bedpan. 200,232, 2–9–65, Cl. D4—5.
Sovatsky, Edmund K. Desk lamp. 202,806, 11–9–65, Cl. D48—20.
Spackman, Robert R., Jr., and M. E. Johnson, to Southern Illinois University Foundation. Isometric exercise framework. 200,322, 2–16–65, Cl. D34—5.
Spackman, Robert R., Jr., and M. E. Johnson, to Southern Illinois University Foundation. Exercise apparatus. 203,123, 12–7–65, Cl. D34—5.
Spackman, Robert R., Jr., and M. E. Johnson, to Southern Illinois University Foundation. Isometric exerciser. 203,279, 12–21–65, Cl. D34—5.
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Spangle, William S. Hinge-mounted umbrella holder. 201,246, 6–1–65, Cl. D33—17.
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Spencer, Richard H. H., to Clairtone Sound Corp., Ltd. Combined stereo speaker unit and high fidelity cabinet support. 203,003, 11–23–65, Cl. D56—4.
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Stark, Fred. Dust pan. 200,486, 3–2–65, Cl. D44—18.
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Stengel, John E., to Reynolds Metals Co. Place mat or the like. 203,326, 12–21–65, Cl. D92—26.
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Petrone, Louis R., Stevens, and Tino. 202,666.
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Stevens, Myron T., to Outboard Marine Corp. Boat. 201,324, 6–8–65, Cl. D71—1.

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Stokes, John F. Holder for a detachable strip of abrasive material or the like. 202,993, 11–23–65, Cl. D37—1.
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Storm, William D. Fishing lure. 202,112, 8–31–65, Cl. D31—4.
Stortz, Robert K., and G. C. Fischer, to Allis-Chalmers Mfg. Co. Tractor. 203,164, 12–14–65, Cl. D14—3.
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Strona, Tancredi. Container for deodorizing pills and the like. 200,853, 4–13–65, Cl. D16—2.
Stropkay, George P. Combined display and dispensing stand. 202,847, 11–9–65, Cl. D80—9.
Stroud, Ray D. Compartmented bottle carton. 201,262, 6–1–65, Cl. D58—26.
Struben, Francis L., to Silver Top Mfg. Co., Inc. Entrance staircase for mobile homes and the like. 199,972, 1–5–65, Cl. D13—7.
Struben, Francis L., to Silver Top Mfg. Co., Inc. Entrance staircase for mobile homes and the like. 199,973, 1–5–65, Cl. D13—7.
Struben, Francis L., to Silver Top Mfg. Co., Inc. Entrance staircase for mobile homes and the like. 200,300, 2–16–65, Cl. D13—7.
Struble, Glenn E., to Diamond International Corp. Carrier top for bottles or similar article. 202,303, 9–14–65, Cl. D58—26.
Struble, Glenn E., to Diamond International Corp. Carrier top for bottles or similar article. 202,304, 9–14–65, Cl. D58—26.
Struble, Glenn E., to Diamond International Corp. Carrier top for bottles or similar article. 202,305, 9–14–65, Cl. D58—26.
Struck, Henry: *See*—
Ettinger, William L., Jr. 200,862.
Stuart, Margaret. Electric flat iron guard, for attachment to an ironing board. 201,701, 7–20–65, Cl. D49—6.
Stuart, Wallis E., to Air Reduction Co., Inc. Plastic sheet material or similar article. 201,114, 5–11–65, Cl. D87—3.
Stubbmann, Albert, to Kohner Bros., Inc. Combined automobile dashboard and steering wheel toy. 200,863, 4–13–65, Cl. D34—15.
Stubbmann, Albert, to Kohner Bros., Inc. Game board. 202,632, 10–25–65, Cl. D34—5.
Studebaker Industries, Inc.: *See*—
Stumpf, William E. 200,080.
Stuelpnagel, Thomas R., R. E. Brix, R. E. Hyslop, R. G. Hunt, and L. W. Price, to Hughes Tool Co. Automatic gun. 200,238, 2–9–65, Cl. D30—1.
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Bissonnette, Arthur L., and Stull. 202,240.
Stumpf, William E.: *See*—
Meissner, George W., and Stumpf. 202,185.
Stumpf, William E., to Studebaker Industries, Inc. Refrigerator. 200,080, 1–12–65, Cl. D67—3.
Styron, Harry L. Golf shoe and spike cleaner. 202,027, 8–24–65, Cl. D9—2.
Suden, William F. Lamp. 200,871, 4–13–65, Cl. D48—20.
Suesens, Kenneth G. Putting game target. 202,988, 11–23–65, Cl. D34—5.
Sugar, Gordon E.: *See*—
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Suhr, Hans R., Sugiyama, and Yamanaka. 200,451.
Suhr, Hans R., M. Sugiyama, and I. Yamanaka, to The National Cash Register Co. Adding machine or similar article. 200,451, 2–23–65, Cl. D64—11.
Sukert, Jordan V. and L. M. Dispenser for discharging powder-like materials. 203,345, 12–28–65, Cl. D31—3.
Sukert, Lawrence M.: *See*—
Sukert, Jordan V. and L. M. 203,345.
Sullivan, Daryl D., A. L. Jones, and E. J. Neal, Jr.; said Sullivan assor. to Corning Glass Works. Dental light or similar article. 201,038, 5–4–65, Cl. D48—20.
Sullivan, James H., to Union Special Machine Co. Sewing machine. 201,107, 5–11–65, Cl. D70—1.
Sumida, Kunio A., to Dashew Business Machines, Inc. Tape cartridge. 203,272, 12–21–65, Cl. D26—14.
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Burke, Frederick A. 202,641.
Cornwell, Ross E. 200,287.
Cornwell, Ross E. 202,460.
Di Sesa, Frank J., Jr. 202,967.
Ernest, Robert O., and Watson. 201,758.
Fessenmeyer, George W. 202,506.
Friedman, Theodore. 202,764.
Friedman, Theodore, and Peterson. 202,283.
Frost, George H. 201,896.
Frost, George H. 201,897.
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Leman, Donald E. 201,423.
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Reed, John E. 201,754.
Reed, John E. 202,268.
Reed, John E., and Kelly. 200,254.
Wilson, Lawrence H., and Watson. 201,757.
Sunberg, Carl W., W. Schwartz, and A. G. Bodoh, to The Seeburg Corp. Vending machine. 202,811, 11–9–65, Cl. D52—3.
Sundberg, Carl W., and R. A. Heck, to Whirlpool Corp. Front panel for an air conditioner. 200,740, 3–30–65, Cl. D62—4.
Sundberg, Carl W., and R. E. Hitchcock, to Universal Rundle Corp. Lavatory. 201,493, 6–29–65, Cl. D4—2.
Sundberg, Carl W., and R. E. Hitchcock, to Universal Rundle Corp. Lavatory. 202,410, 9–28–65, Cl. D4—2.
Sundberg, Carl W., and M. Ferar, to American Seating Co. Chair. 203,261, 12–21–65, Cl. D15—1.
Sundberg, Carl W., and M. Ferar, to Sperry Rand Corp. Typewriter. 203,307, 12–21–65, Cl. D64—11.
Sunholm, Edwin P. Charcoal grill. 202,751, 11–2–65, Cl. D81—10.
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Sussin, Victor, to Radon Corp. Tape magazine for a magnetic tape recorder or similar article. 200,106, 1–19–65, Cl. D26—14.
Sutherland, James R., to Viking Corp. Ledger plate. 201,979, 8–17–65, Cl. D40—1.
Sutherland, James R., to Viking Corp. Mower guard. 201,981, 8–17–65, Cl. D40—1.
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Swaim, Marvin W., and P. J. Richnak. Egg tray. 202,451, 9–28–65, Cl. D58—13.
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Swann, Ernest E., Jr. Tool for opening boxes. 203,268, 12–21–65, Cl. D22—3.
Swanner, Gene H., and B. L. Fontainer. Baby nursing bottle. 200,282, 2–9–65, Cl. D83—8.
Swanson, Albert S., to G. H. Tennant Co. Powered sweeping machine. 201,747, 7–27–65, Cl. D9—2.
Swanson, Frank R. Electric toaster for wall or counter tops. 200,082, 1–12–65, Cl. D81—10.
Swartz, Bernard F., O. C. Dore, F. S. Bagshaw, and R. C. Coffman. Combined tumbler and holder therefor. 200,054, 1–12–65, Cl. D44—10.
Swayze, Clark E., to The Dow Chemical Co. Container for pulverulent material or the like. 200,672, 3–23–65, Cl. D58—17.
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Sweeney, Paul B., Jr.: *See*—
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Swenson, Carl A. Guard for derailleur bicycle gears. 201,236, 5–25–65, Cl. D90—5.
Swett, James J., and H. J. Marien, to Rexall Drug and Chemical Co. Flour sifter or the like. 201,089, 5–11–65, Cl. D44—29.
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Kohen, Sheldon L., and Olney. 202,238.
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Swisher, George W., Jr., to Concrete Machinery, Inc. Road construction machine or the like. 203,259, 12–21–65, Cl. D14—3.
Swistel, George, to International Latex Corp. Glove. 202,329, 9–21–65, Cl. D3—11.
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Sylvan, Richard, to Queen Mfg. Co., Inc. Pole supported shelving unit. 201,164, 5–18–65, Cl. D80—10.
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Morgan, Robert G. 202,705.
Symington, Thomas R. Bracket or similar article. 203,070, 11–30–65, Cl. D54—1.
Symonds, Roy, and P. Beauchamp. Tap. 200,895, 4–20–65, Cl. D2—3.
Symonds, Roy, and P. Beauchamp, to Waddington & Duval (Holdings) Ltd. Tap. 201,610, 7–13–65, Cl. D2—3.
Szajna, John L., to Continental Can Co. Bottle. 203,229, 12–14–65, Cl. D58—6.
Szymanski, Michael J., to Onondaga Pottery Co. Dinner plate or similar article. 200,868, 4–13–65, Cl. D44—15.
Szymanski, Michael J., to Onondaga Pottery Co. Dinner plate or similar article. 202,470, 10–5–65, Cl. D44—15.
Talge, Henry J., to Rival Mfg. Co. Lawn sprinkler. 200,564, 3–9–65, Cl. D91—1.
Talge, Henry J., to Rival Mfg. Co. Combined power operated can opener and knife sharpener. 201,142, 5–18–65, Cl. D37—1.
Talge, Henry J., and J. E. Briar, to Songrand Corp. Combination ashtray, air circulator and filter. 201,931, 8–10–65, Cl. D62—2.
Talge, Henry J., and J. E. Briar, to Songrand Corp. Combination air circular and filter. 201,932, 8–10–65, Cl. D62—2.
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Tamarin, Bernard J. Cigarette package. 200,220, 2–2–65, Cl. D58—2.
Tamarin, Bernard J. Cigarette package. 200,551, 3–9–65, Cl. D58—2.
Tamarin, Bernard J. Cigarette package. 200,552, 3–9–65, Cl. D58—2.
Tamarin, Bernard J., to Pull Packaging, Inc. Package for cigars or the like. 201,317, 6–8–65, Cl. D58—12.6.
Tamarin, Bernard J., to Pull Packaging, Inc. Cigar package or the like. 201,318, 6–8–65, Cl. D58—12.6.
Tapert, John W. Feeding chair for a baby. 201,014, 5–4–65, Cl. D15—1.
Tapert, John W. Combined crib and storage unit. 201,348, 6–15–65, Cl. D5—5.
Tapert, John W. Play pen. 202,168, 9–7–65, Cl. D5—5.
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Tasker, Litha M. Foot massager. 202,085, 8–24–65, Cl. D83—1.
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Tateisi, Kazuma. 201,244.
Tateisi, Kazuma, to Tateishi Denki Kabushiki Kaisha. Combined switch and end cover therefor. 201,244, 6–1–65, Cl. D26—13.
Tatum, John C. Fork or similar article. 200,008, 1–5–65, Cl. D54—12.
Tauber, Gabriel G. Convention badge holder. 202,229, 9–7–65, Cl. D59—8.
Taylor, Carl R. Mailbox support. 200,748, 3–30–65, Cl. D74—9.
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Taylor, John W., to United States Rubber Co. Tire. 201,783, 7–27–65, Cl. D90—20.
Taylor, John W., W. L. Shesterkin, F. C. Basel, Jr., and R. F. Bogan, to United States Rubber Co. Tire. 201,609, 7–6–65, Cl. D90—20.
Taylor, Kenneth D., to Industrial Plastics Co. Carrying case for tennis equipment or the like. 202,017, 8–17–65, Cl. D87—5.
Taylor, Lindsey. Toothbrush and cup combination. 199,960, 1–5–65, Cl. D9—2.
Taylor, Lindsey. Combination toothbrush and cup. 201,350, 6–15–65, Cl. D9—2.
Taylor, Robert H. Fireplace grate. 202,241, 9–7–65, Cl. D81—18.
Taylor, Stephen E. Timing light. 202,375, 9–21–65, Cl. D52—1.
Taylor, Walter S. Champagne bucket. 202,994, 11–23–65, Cl. D44—15.
Taylor, William, and N. Holzberg; said Holzberg assor. to said Taylor. Face plate for a plumbing fixture or the like. 200,388, 2–16–65, Cl. D91—3.
Taylor, William, and N. Holzberg; said Holzberg assor. to said Taylor. Face plate for plumbing fixtures or the like. 200,389, 2–16–65, Cl. D91—3.
Taylor, William, and N. Holzberg; said Holzberg assor. to Taylor. Escutcheon plate for plumbing fixtures or the like. 201,270, 6–1–65, Cl. D91—3.
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Steinbeck, Frank W. 202,014.
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Tecton, Mike. Combination stove and sink. 201,938, 8–10–65, Cl. D81—25.
Tecton, Mike. Airplane. 202,152, 8–31–65, Cl. D71—1.
Tecton, Mike. Combination cabana and solarium therefor. 202,596, 10–19–65, Cl. D83—1.
Tecton, Mike. Winter solarium apartment. 202,597, 10–19–65, Cl. D83—1.
Tecton, Mike. Group solarium. 202,598, 10–19–65, Cl. D83—1.
Tecton, Mike. Solarium. 202,680, 10–26–65, Cl. D83—1.
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Tecton, Mike. Combination cabana and solarium therefor. 202,855, 11–9–65, Cl. D83—1.
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Temperato, Samuel J. Automatic food broiler. 200,683, 3–23–65, Cl. D81—10.
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Winger, Joseph A., Cothern, and Gammill. 201,535.
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Thomas, Robert R., to Parmelee Plastics Co. Pair of spectacles. 201,393, 6–15–65, Cl. D57—1.
Thomas, William C. Aircraft. 200,184, 1–26–65, Cl. D71—1.
Thomas, William C. Aircraft. 200,185, 1–26–65, Cl. D71—1.
Thomas, William D., to Continental Oil Co. Electrical control panel. 202,786, 11–9–65, Cl. D26—13.
Thompson, Benjamin A., and E. F. Weidner, Jr. Cigarette extinguisher. 203,376, 12–28–65, Cl. D85—2.
Thompson, Marshall F. Combined outlet box and escutcheon plate with recessed push-buttons for a table top or similar article. 200,408, 2–23–65, Cl. D26—13.
Thompson, Oliver H. Refrigerated display case. 203,236, 12–14–65, Cl. D80—11.
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Thurman, Richard L., to The Parker Pen Co. Staple remover tool. 201,729, 7–20–65, Cl. D74—1.
Thurman, Virginia P. Doll or similar article. 201,187, 5–25–65, Cl. D34—4.
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Tiller, James A., to American Radiator & Standard Sanitary Corp. Water closet. 201,272, 6–8–65, Cl. D4—5.
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Tracy, Gerald T. Plastic handle. 200,269, 2–9–65, Cl. D58—26.
Trame, Charles E., to Neon Products Inc. Display case. 200,081, 1–12–65, Cl. D80—11.
Traner, George L., and D. A. Schreckengost, to Royalon, Inc. Tumbler or similar article. 200,111, 1–19–65, Cl. D36—8.
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LIST OF DISCLAIMERS AND DEDICATIONS

Abraham, Edward Penley, and Guy Geoffrey Frederick Newton, Oxford, and Clifford William Hale, Clevedon, England. Disclaimer filed June 14, 1965, by the assignee, National Research Development Corporation. No. 3,049,541; v. 818; p. 411.

Ambrose, Frederick S., Tucson, Ariz. Disclaimer filed Nov. 13, 1964, by the assignee, Galis Manufacturing Company. No. 3,119,275; v. 812; p. 1.

Babcock, John C., Portage Township, Kalamazoo County, and J Allan Campbell and John A. Hogg, Kalamazoo Township, Kalamazoo County, Mich. Disclaimer filed May 20, 1965, by the inventors; the assignee, The Upjohn Company, assenting. No. 2,838,496; v. 817; p. 1241.

Baizer, Manuel M., St. Louis, Mo. Disclaimer filed June 28, 1965, by the assignee, Monsanto Company. No. 3,198,746; v. 818; p. 1204.

Bensky, Lowell S., Levittown, Pa., and David L. Nettleton, Haddonfield, N.J. Disclaimer filed May 26, 1965, by the assignee, Radio Corporation of America. No. 3,016,194; v. 817; p. 1615.

Blanchard, Andre, Houston, Tex. Disclaimer filed Jan. 5, 1965, by the assignee, Schlumberger Well Surveying Corporation. No. 2,938,586; v. 813; p. 361.

Bowers, Albert, Mexico City, Mexico. Disclaimer filed Sept. 7, 1965, by the assignee, Syntex Corporation. No. 3,065,228; v. 820; p. 2.

Boyles, Robert L., Wayland, Mass. Disclaimer filed Jan. 28, 1965, by the assignee, General Electric Company. No. 3,085,136; v. 815; p. 1.

Braatz, Douglas R., Shawano, and William C. Winder, Madison, Wis. Disclaimer filed May 14, 1965, by the inventors. No. 3,046,144; v. 817; p. 819.

Britten, Cecil A., and Adrian St. J. Bowie, San Jose, Calif. Disclaimer filed May 19, 1965, by the assignee, FMC Corporation. No. 2,784,521; v. 817; p. 423.

Caldwell, John R., Kingsport, Tenn. Disclaimer filed Feb. 1, 1965, by the assignee, Eastman Kodak Company. No. 2,744,089; v. 814; p. 356.

Caldwell, Richard L., Dallas, Tex., Gustave L. Hoehn, Jr., Palo Alto, Calif., and Tom W. Bonner, Houston, Tex. Disclaimer filed Oct. 16, 1964, by the assignee, Socony Mobil Oil Company, Inc. No. 2,934,652; v. 810; p. 587.

Campbell, J Allan, Kalamazoo Township, Kalamazoo County, Raymond L. Pederson, Kalamazoo, John C. Babcock, Portage Township, Kalamazoo County, and John A. Hogg, Kalamazoo Township, Kalamazoo County, Mich. Disclaimer filed May 20, 1965, by the inventors; the assignee, The Upjohn Company, assenting. No. 2,838,500; v. 817; p. 1241.

Campbell, J Allan, Kalamazoo Township, Kalamazoo County, John C. Babcock, Portage Township, Kalamazoo County, and John A. Hogg, Kalamazoo Township, Kalamazoo County, Mich. Disclaimer filed May 20, 1965, by the inventors; the assignee, The Upjohn Company, assenting. No. 2,838,528; v. 817; p. 1241.

Carruthers, Thomas F., South Charleston, W. Va. Disclaimer filed Feb. 15, 1965, by the assignee, Union Carbide Corporation. No. 2,929,827; v. 815; p. 1.

Chisholm, Hamilton C., Orinda, and Henry Y. Fujishige, Berkeley, Calif. Disclaimer filed May 25, 1965, by the assignee, Beckman Instruments, Inc. No. 3,054,001; v. 818; p. 4.

Christofferson, James, West Newbury, Mass. Disclaimer filed Mar. 8, 1965, by the assignee, High Voltage Engineering Corporation. No. 3,184,621; v. 816; p. 797.

Clynes, Manfred E., Orangeburg, N.Y. Disclaimer filed July 7, 1965, by the assignee, Technical Measurement Corporation. No. 3,087,487; v. 817; p. 819.

Coyne, Donald M., Ponca City, Okla. Disclaimer filed Mar. 18, 1965, by the assignee, Continental Oil Company. No. 2,953,603; v. 815; p. 821.

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NOTES CONCERNING USE OF THE CLASSIFICATION OF PATENTS LISTING AND RELATED REFERENCE PUBLICATIONS

In the index which follows, the subject of invention of each patent issued during 1965 is identified by the class and subclass numbers of the official U.S. Patent Office classification in which the patent was classified at the time of issue. The Index is arranged in numerical order by class numbers, which appear as bold-face entries centered in the columns, and thereunder, in similar order, by subclasses which appear in the numerals in the left hand half of the columns. There are 63,110 patent and reissue patent numbers listed in the Index. A similar listing appears for design patents and plant patents which are separately shown under their respective classifications.

In order to find patent numbers in the Index pertaining to a particular subject, the user must first know the class and subclass in which the Patent Office assigns inventions relating to that subject. In some instances a number of classes and subclasses may be pertinent. The process of finding this information requires the coordinated use of several other Patent Office publications usually found in collections which contain the *Index of Patents.* Each of them is considered below.

Manual of Classification: This publication is the source of the needed information as it contains the entire classification schedule showing the number and descriptive title of every class and subclass. It is, also, the key aid in the finding system as it provides a number of features aimed at assisting the user to identify his search problem and to use its content in locating the specific classification representing the subject matter of concern to him. These features include (1) listings of the class titles in alphabetical order; (2) description of the plan of the Manual; (3) discussion of the basis of classification, the scope of the classes, and the schematic arrangement of subclasses; (4) instructions on reading subclass titles and definitions; and, (5) suggestions on procedure for finding pertinent classification.

Index to Classification: This publication contains more than 300 pages of subject matter headings showing for each heading the class and subclass to which it pertains. They are arranged in alphabetical order in main heading and subheading categories, the latter being indented under the main headings and sometimes further subdivided. The headings include key words and significant phrases taken from the class and subclass titles, but they are neither limited to this source nor include all of them. Many technical as well as common terms of reference to objects, arts, processes, compositions of matter, etc., not found in the classification schedule are included in the index headings so as to offer a practical and convenient aid to finding patented subject matter.

Classification Bulletins: This is a series of numbered publications which supplements the *Manual of Classification* by giving detailed definitions and illustration of the kind of subject matter that can be found in each class and subclass, describing the lines of distinction among them, and containing references to other classes and subclasses having related subject matter. There is a separate Bulletin for each major classification, which is identified in the heading to each class in the Manual.

Use of Reference Publications

As a first step, the searcher should look in the *Index to Classification* for the term which to him best represents the subject matter of interest. If a match is not

found, he should look for terms of approximately the same meaning, for terms of either broader or narrower scope, or for terms which represent a different approach to the subject (e.g., the essential *function* or the *effect* of use or application of the art or object of concern). This requires that the user interact with the content of the Index, exercising judgment and imagination to consider alternatives or to find in the listed items some aspect of pertinency to his subject.

On finding the identifying numbers of possibly pertinent classes and subclasses in the Index, the user should refer to the *Manual of Classification* and ascertain from among the existing choices, the precise classification identity of his subject interest. Having thus determined the appropriate class and subclass, the searcher is ready to turn to the "Classification of Patents" listings to look for the corresponding numbers in its columns. The patent numbers found listed under the relevant classification provide the information needed to gain access to the patents themselves or to the extracts from them which are printed in the Official Gazette. In the latter connection, the user will find on the last page of this section a table entitled "List of Patent, Design, Plant Patent, and Reissue Numbers Appearing in the Official Gazette for 1965" which will guide him to the issue of the Official Gazette containing any specific patent number. He will find listed elsewhere in this section the 22 libraries which receive all U.S. patents and maintain them for public use in numerical order and the more than 300 depository libraries which receive the Official Gazette.

When the class and subclass which the searcher has determined to represent his interest does not appear in the "Classification of Patents" listing, he may assume that no patents were issued in that classification during the year. The possibility of this being the case is indicated by the fact that patents issued in less than one-third of the total number of subclasses in the classification.

If, after following the above-described procedure in using the *Index to Classification,* the searcher fails to find a pertinent classification, he should turn to the listings which appear at the front of the *Manual of Classification.* He should consider, particularly, the listing of groups of related subjects and the listing of classes arranged in alphabetical order which, in different ways, lay the entire framework of the classification in broad focus before him. He should scan the titles which appear on these sheets and note those which would appear to contain the subject matter sought.

Whichever of these approaches is taken, the searcher is guided to the classification schedules. He should inspect them carefully, proceeding from one major coordinate subclass to another until finding one which seems most nearly pertinent. The minor subclasses therein should then be scanned to find the title which indicates inclusion of the subject matter in question. Where doubt exists as to choice among several subclasses, the user should consult the Classification Bulletin containing the definitions of the class under study.

Further information on the use of the reference publications discussed above, as aids in using numerical files of patents or extracts of patents published in issues of the Official Gazette which may be found in the libraries listed elsewhere in this section, is offered in the illustrated publication *How To Obtain Information From United States Patents,* available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402, at 20 cents a copy.

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CLASSIFICATION OF PATENTS

Class 1

44.5 : 3,168,744
.5 : 3,171,131
.5 : 3,172,117
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47 : 3,163,865
3,166,757
49 : 3,172,121
3,172,122
56 : 3,167,778
3,170,160
60 : 3,172,123
106 : 3,172,124
149 : 3,169,249
3,172,125
150 : 3,168,745
152 : 3,170,161
210 : 3,167,779
260 : 3,170,162
317 : 3,171,132
318 : 3,166,758
322 : 3,164,839
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335 : 3,167,781
342 : 3,166,759

Class 2

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3,170,163
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8 : 3,212,101
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9 : 3,167,783
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159 : 3,175,226
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239 : 3,217,336
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36 : 3,189,921
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3,212,105
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215 : 3,188,658
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222 : 3,182,337
228 : 3,177,502
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235 : 3,210,777
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251 : 3,191,193
252 : 3,181,178
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254 : 3,209,376
259 : 3,172,132

Class 5

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93 : 3,165,759
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94 : 3,203,011
97 : 3,165,760
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335 : 3,199,123
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355 : 3,188,665
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3,222,698

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3,191,199
12 : 3,163,871

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5.4 : 3,172,133
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8 : 3,169,255
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14.1 : 3,168,750
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.1 : 3,199,125
.25: 3,175,233
.25: 3,224,018
.55: 3,222,699
15 : 3,218,653
16 : 3,186,009

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1 : 3,169,822
2 : 3,179,482
4 : 3,169,043
3,181,926
3,184,281
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3,203,750
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3,210,146
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14 : 3,220,793
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18 : 3,178,250
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3,197,269
3,198,595
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21 : 3,179,483
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.2 : 3,184,284
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.2 : 3,211,513
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3,215,485
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3,226,178
61 : 3,201,190
74 : 3,171,711
3,215,486
75 : 3,203,752
83 : 3,203,753
88 : 3,223,471
93 : 3,211,514
94.11: 3,189,401
.14: 3,189,402

Class 8—Con.

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.5 : 3,223,472
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.6 : 3,226,179
128 : 3,223,473
130.1 : 3,172,723
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139.1 : 3,210,148
142 : 3,203,754
149.3 : 3,206,777
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3,204,261
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337 : 3,170,175
3,172,135
3,193,856
338 : 3,167,794
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340 : 3,181,184
400 : 3,175,236

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.5 : 3,200,424
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72 : 3,170,176
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76 : 3,165,766
3,171,144
86 : 3,163,872
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3,191,205
3,197,792
3,221,352
141 : 3,220,032
147 : 3,214,774
152 : 3,171,146
3,209,383
155 : 3,187,356
3,212,114
3,225,370
3,225,371
166 : 3,217,343

Class 11

1 : 3,179,967
3,183,667
3 : 3,201,810
5 : 3,199,129

Class 12

1 : Re.25,922
3,166,770
3,197,793
3,203,018
3,205,516
3,220,033
4.1 : 3,199,130
7 : 3,220,034
8.7 : 3,176,332
.8 : 3,189,924
10.1 : 3,168,752
.1 : 3,174,169
.5 : 3,164,852
.5 : 3,165,771
12 : 3,178,741
3,178,742
3,220,035
3,222,703
.4 : 3,169,260
.4 : 3,196,470
14.4 : 3,178,743
.4 : 3,189,925
15.1 : 3,170,177
32 : 3,174,170
33 : 3,184,770
3,201,811
3,204,268
50.5 : 3,171,147
53.5 : 3,206,779
59.7 : 3,193,860
64 : 3,217,344
114.8 : 3,187,357
115.6 : 3,168,753
.8 : 3,193,861
116.2 : 3,206,780
.8 : 3,175,237
117.4 : 3,192,544
120.5 : 3,183,535
.5 : 3,199,131
.5 : 3,210,787
128 : 3,200,427
136 : 3,181,186
3,196,471
141 : 3,166,771
3,187,358
142 : 3,168,754
3,176,333
3,184,771
3,192,545
3,199,132
3,216,033
3,217,345
3,220,036
3,221,353
145 : 3,206,781
3,212,115
146 : 3,167,795
3,170,178
3,186,013
3,201,812
147 : 3,172,136

Class 13

1 : 3,165,571
3,188,373
3,192,301
3,210,454
6 : 3,179,731
3,179,732
3,182,112
3,182,113
3,187,076
3,192,302
3,205,292
9 : 3,164,657
3,164,658
3,173,981
3,180,915
3,180,916
3,183,293
3,185,754
3,186,510
3,187,159
3,197,539
3,209,059
3,222,445
10 : 3,171,878
11 : 3,179,733
12 : 3,179,734
3,193,605
13 : 3,187,077
3,187,078
3,209,060
14 : 3,189,673
3,198,869
15 : 3,187,079
16 : 3,198,870
3,213,176
20 : 3,179,735
21 : 3,198,871
23 : 3,184,530
25 : 3,179,736
3,202,750
26 : 3,200,185
27 : 3,165,572
3,177,282
3,180,917
3,183,294
3,190,948
3,210,455
3,226,465
29 : 3,173,982
3,222,446
31 : 3,170,018
3,170,019
3,171,879
3,188,376
3,190,949
3,202,751
3,213,177
33 : 3,213,178
34 : 3,192,303
35 : 3,184,531

Class 14

1 : 3,189,926
3,204,269
3,208,086
3,208,087
71 : 3,163,873
3,167,796
3,169,261
3,170,179
3,175,238
3,176,334
3,179,968
3,184,772
3,199,133
3,201,813
3,201,814
3,203,002
3,203,019
3,204,270
72 : 3,182,343
3,183,536
3,184,773
72 : 3,192,546
73 : 3,181,187

Class 15

1.5 : 3,204,271
.7 : 3,170,180
.7 : 3,188,668
.7 : 3,191,206
.7 : 3,220,037
3 : 3,167,797
.11: 3,217,346
.16: 3,189,927
.16: 3,199,134
.5 : 3,212,116
.51: 3,186,014
4 : 3,170,181
3,192,547
3,224,022
21 : 3,178,744
3,187,359
3,191,207
3,196,472
3,200,428
3,208,088
3,208,089
3,220,038
22 : 3,166,772
3,181,188
3,181,189
3,183,538
3,187,360
3,213,471
3,214,775
23 : Re.25,898
3,196,473
3,216,034
26 : 3,214,776
28 : 3,177,509
3,220,039
29 : 3,177,510
3,225,372
36 : 3,203,020
40 : 3,195,157
49 : 3,169,262
3,204,272
3,216,035
50 : 3,212,117
3,218,657
3,224,023
51 : 3,217,347
56 : 3,195,158
76 : 3,204,273
77 : 3,178,745
3,195,159
3,213,472
82 : 3,212,118
83 : 3,178,746
84 : 3,186,015
85 : 3,186,016
87 : 3,186,017
3,193,862
88 : 3,187,361
3,210,788
3,218,658
93 : 3,168,755
3,199,135
3,217,348
94 : 3,182,344
97 : 3,166,773
3,172,137
3,177,511
3,210,789
98 : 3,172,138
3,181,190
3,188,669
3,216,036
3,216,037
99 : 3,196,474
104 : 3,177,512
3,192,548
3,201,815
3,205,517
3,225,373
.01: 3,181,191
.01: 3,188,670
.01: 3,200,429
.06: 3,169,263
.06: 3,171,148
.06: 3,174,171
.06: 3,175,240
.06: 3,177,513
.06: 3,204,274
.06: 3,218,659
.06: 3,218,660
.09: 3,171,149
.1 : 3,175,239
.12: 3,171,150
.165 3,205,518
.3 : 3,176,335
.3 : 3,181,192
.3 : 3,206,782
.3 : 3,213,473
104.3 : 3,222,704
.3 : 3,224,024
105 : 3,206,783
112 : 3,183,539
114 : 3,181,193
115 : 3,167,798
118 : 3,169,264
3,171,151
3,205,519
3,206,784
3,210,790
3,221,354
119 : 3,166,774
3,171,152
3,205,520
3,224,025
142 : 3,170,182
3,197,794
144 : 3,205,521
145 : 3,183,540
3,218,661
3,218,662
146 : 3,205,522
147 : 3,174,172
3,188,671
159 : 3,173,163
3,186,018
3,216,038
160 : 3,172,139
3,197,795
3,221,355
166 : 3,172,140
167 : 3,163,874
3,188,672
3,188,673
169 : 3,193,863
172 : 3,193,864
3,204,275
176 : 3,167,799
3,182,345
3,222,705
179 : 3,167,800
3,186,019
3,188,674
182 : 3,168,756
3,193,865
3,193,866
183 : 3,200,430
3,225,374
184 : 3,205,523
187 : 3,214,777
192 : 3,172,141
3,192,549
201 : 3,205,524
209 : 3,163,875
3,182,346
3,195,160
210 : 3,187,362
3,205,525
3,221,356
3,225,375
215 : 3,206,785
217 : 3,168,757
220 : 3,201,816
3,208,090
222 : 3,213,474
228 : 3,166,775
3,196,475
229 : 3,187,363
3,213,475
3,216,039
230.1 : 3,206,786
.11: 3,165,772
.11: 3,204,276
.11: 3,205,526
.14: 3,164,855
.17: 3,191,208
.19: 3,164,854
.19: 3,169,265
.19: 3,186,020
231 : 3,199,136
3,201,817
3,216,040
235.4 : 3,213,476
.6 : 3,166,776
.8 : 3,206,788
236 : 3,167,801
3,178,747
3,203,021
3,216,041
244 : 3,164,853
3,178,748
3,178,749
3,188,675
3,188,676
3,204,277
3,204,278
3,205,527
3,214,778
3,214,779
3,220,040
246 : 3,172,142
3,183,541
246 : 3,183,542
3,187,366
.5 : 3,188,677
.5 : 3,216,042
248 : 3,175,241
3,210,791
3,213,477
250.01: 3,171,153
.02: 3,171,154
.02: 3,171,155
.02: 3,181,194
.02: 3,188,678
.02: 3,209,384
.04: 3,192,550
.06: 3,195,161
.06: 3,201,818
.11: 3,178,750
.11: 3,218,663
.12: 3,168,758
.12: 3,204,279
.16: 3,213,478
.17: 3,169,266
.17: 3,197,796
.19: 3,224,026
.19: 3,225,376
.32: 3,163,876
.32: 3,163,877
.32: 3,179,969
.35: 3,176,336
.35: 3,178,751
.35: 3,188,679
.36: 3,192,551
.36: 3,208,091
.41: 3,200,431
.41: 3,224,027
.42: 3,174,173
.42: 3,176,337
.42: 3,177,514
.42: 3,178,752
.42: 3,178,753
.42: 3,195,162
.42: 3,218,664
.42: 3,224,028
256.51: 3,163,878
.51: 3,221,357
.52: 3,196,476
257 : 3,208,092
.1 : 3,170,183
267 : 3,191,209
268 : 3,179,970
3,197,797
304 : 3,213,479
306 : 3,189,928
3,195,163
307 : 3,191,210
308 : 3,189,929
3,195,164
310 : 3,165,773
3,216,043
311 : 3,217,349
3,225,377
312 : 3,163,879
3,177,515
3,188,680
3,225,378
314 : 3,173,164
3,193,867
3,204,280
3,213,480
317 : 3,184,774
3,191,211
3,195,165
3,216,044
3,216,045
3,216,046
320 : Re.25,939
3,189,930
3,197,798
3,206,787
3,213,481
321 : 3,195,166
322 : 3,195,167
323 : 3,165,774
3,166,777
3,170,184
3,199,137
3,200,432
3,217,350
3,220,041
324 : 3,217,351
325 : 3,209,385
3,220,042
327 : 3,170,185
3,184,776
328 : 3,184,775
3,200,433
3,217,352
337 : 3,188,681
339 : 3,210,793
340 : 3,165,775
3,172,143
3,184,777
3,186,021

340 : 3,189,931
3,189,932
3,203,022
3,220,043
3,221,358
3,222,706
344 : 3,178,754
3,184,778
3,189,933
3,209,386
345 : 3,186,022
3,222,707
349 : 3,201,819
350 : 3,199,138
3,218,665
356 : 3,166,778
364 : 3,186,023
3,204,281
3,204,282
367 : 3,225,379
371 : 3,203,023
383 : 3,167,802
385 : 3,216,047
391 : 3,212,119
401 : 3,210,792
406 : 3,189,934
416 : 3,205,528
501 : 3,181,195
506 : 3,174,174
3,208,093
3,217,353
509 : 3,176,338
3,183,543
510 : 3,179,971
3,195,168
3,204,283
3,209,387
511 : 3,189,935
3,214,780
513 : 3,224,029
514 : 3,214,781
517 : 3,195,169
3,218,666
3,221,359
518 : 3,178,755
521 : 3,209,388
3,214,782
525 : 3,181,196
3,196,477
526 : 3,163,880
3,178,756
3,195,170
528 : 3,167,803
529 : 3,197,799
532 : 3,170,186
3,199,139
533 : 3,173,165
3,176,339
3,210,794
534 : 3,178,757
3,187,364
3,196,478
537 : 3,192,552
3,221,360
538 : 3,184,779
539 : 3,165,776
541 : 3,206,789
542 : 3,187,365
543 : 3,187,367
3,214,783
3,224,030
545 : 3,173,166
546 : 3,208,094
547 : 3,184,780
3,186,024
3,197,800
548 : 3,187,368
3,187,369
552 : 3,164,856
3,173,167
3,184,781
3,197,801
553 : 3,193,868
555 : 3,163,881
3,203,024
558 : 3,212,120
559 : 3,175,242
560 : 3,209,389
562 : 3,224,031
563 : 3,167,804
3,203,025
3,221,361
564 : 3,193,869
565 : 3,179,972
3,220,044
566 : 3,169,267
3,192,553
3,203,026
568 : 3,167,805
571 : 3,196,479
572 : 3,166,779
3,174,175
573 : 3,192,554

573 : 3,212,121
575 : 3,182,347
592 : 3,192,555
594 : 3,184,782
602 : 3,167,806

Class 16

1 : 3,199,140
2 : 3,163,882
3,204,284
8 : 3,214,784
16 : 3,208,095
3,208,096
18 : 3,176,340
3,177,516
3,183,544
3,184,783
3,186,025
3,199,141
3,214,785
21 : 3,166,780
3,213,482
3,213,483
26 : 3,224,032
32 : 3,225,380
35 : 3,174,176
3,206,790
39 : 3,166,781
40 : 3,204,285
41 : 3,214,786
3,222,708
42 : 3,166,782
3,173,168
3,177,518
3,183,545
3,191,212
3,191,213
43 : 3,197,802
3,210,795
3,220,045
44 : 3,178,758
3,216,048
3,216,049
49 : 3,169,268
3,182,348
3,188,682
3,212,122
52 : 3,182,349
3,216,050
53 : 3,174,177
55 : 3,210,796
3,222,709
59 : 3,188,683
3,210,797
3,220,046
61 : 3,177,517
62 : 3,220,047
65 : 3,214,787
79 : 3,178,759
80 : 3,216,051
82 : 3,189,936
3,224,033
85 : 3,165,777
3,167,807
86 : 3,172,144
.6 : 3,200,434
87 : 3,172,145
3,191,214
.2 : 3,173,169
.2 : 3,199,142
.2 : 3,214,788
.2 : 3,222,710
.4 : 3,175,243
.6 : 3,178,760
.6 : 3,187,370
90 : 3,195,171
3,205,529
94 : 3,183,546
96 : 3,206,791
97 : 3,193,870
105 : 3,182,350
3,187,371
3,193,871
3,203,027
3,203,028
111 : 3,197,803
112 : 3,204,286
114 : 3,186,026
3,188,684
3,189,937
3,203,029
3,212,123
3,220,048
116 : 3,179,973
3,216,052
121 : 3,174,178
125 : 3,167,808
3,183,549
126 : 3,189,938
3,191,215
128 : 3,197,804
3,197,805

128 : 3,206,792
3,216,053
3,217,354
.1 : 3,195,172
129 : 3,172,146
3,183,547
3,203,030
130 : 3,182,351
131 : 3,210,798
132 : 3,225,381
135 : 3,171,156
3,171,157
3,216,054
137 : 3,174,179
3,177,519
3,187,372
3,193,872
.1 : 3,200,435
3,206,793
138 : 3,195,173
140 : 3,188,685
141 : 3,191,216
3,196,480
3,213,484
142 : 3,171,158
3,224,034
144 : 3,187,373
3,213,485
145 : 3,191,217
3,203,031
147 : 3,212,124
149 : 3,172,147
150 : 3,192,556
3,205,530
151 : 3,206,794
3,222,711
159 : 3,197,806
3,201,820
161 : 3,181,197
163 : 3,163,883
3,166,783
3,183,548
3,191,218
3,196,481
3,201,821
3,203,032
3,204,287
3,224,035
164 : 3,208,097
3,209,390
3,210,799
169 : 3,188,686
170 : 3,186,027
171 : 3,184,784
3,191,219
3,212,125
172 : 3,178,761
3,197,807
3,204,288
3,205,531
176 : 3,203,033
3,210,800
180 : 3,205,532
184 : 3,209,391
189 : 3,212,126
190 : 3,183,550
3,187,374
3,196,482
3,209,392
3,224,036
191 : 3,178,762
197 : 3,206,795
202 : 3,195,174

Class 17

1 : 3,163,884
3,167,809
3,177,520
3,177,521
3,178,763
3,191,220
3,192,557
3,197,808
3,210,801
3,213,486
3,216,055
3,216,056
2 : 3,177,522
3,200,436
3,201,822
3,203,034
3,209,393
3,214,789
3,220,049
3,220,050
3,221,362
3 : 3,187,375
3,187,376
4 : 3,164,857
3,165,778
5 : 3,178,764
7 : 3,163,885

7 : 3,164,858
3,178,765
3,209,394
8 : 3,165,779
3,177,523
3,178,766
3,181,198
9 : 3,206,796
3,206,797
11 : 3,172,148
3,191,221
3,199,143
3,201,823
3,201,824
3,213,487
3,213,488
.1 : 3,195,175
.1 : 3,197,809
.1 : 3,203,035
12 : 3,165,780
3,203,036
21 : 3,184,785
3,187,377
3,192,558
3,203,040
3,209,395
3,213,489
3,220,051
24 : 3,206,798
3,218,667
26 : 3,222,712
3,222,713
32 : 3,177,524
3,203,037
33 : 3,166,784
3,191,222
34 : 3,208,098
3,208,099
3,209,396
3,209,397
3,220,052
3,220,053
35 : 3,176,341
3,177,525
3,189,939
3,192,559
39 : 3,189,940
42 : 3,209,398
3,209,399
44 : 3,199,144
.1 : 3,166,785
.1 : 3,216,057
45 : 3,164,859
3,165,781
3,166,786
3,174,180
3,175,244
3,177,526
3,178,767
3,184,786
3,187,378
3,195,176
3,201,825
3,203,038
3,203,039
3,210,802
3,218,668
3,221,363

Class 18

1 : 3,169,269
3,171,159
3,172,149
3,172,150
3,172,151
3,175,245
3,179,974
3,179,975
3,179,976
3,179,977
3,184,787
3,187,379
3,187,380
3,188,687
3,191,223
3,191,224
3,192,560
3,193,873
3,195,177
3,197,810
3,200,437
3,201,826
3,201,827
3,203,041
3,208,100
3,210,772
3,216,058
3,217,355
3,220,054
3,220,055
3,222,714
2 : 3,166,787

2 : 3,167,810
3,169,270
3,170,187
3,170,188
3,172,152
3,174,181
3,183,551
3,184,788
3,195,178
3,195,179
3,196,483
3,212,127
3,213,490
3,214,790
3,214,791
3,221,364
3,222,715
3,222,716
.4 : 3,184,789
.4 : 3,208,101
.5 : 3,174,182
.7 : 3,183,537
.7 : 3,189,944
.7 : 3,206,799
3.5 : 3,173,170
4 : 3,163,886
3,170,189
3,178,768
3,181,199
3,193,874
3,197,811
3,200,438
3,200,439
3,203,042
3,206,800
3,212,128
3,214,792
3,214,793
3,216,059
5 : 3,163,887
3,164,860
3,164,861
3,167,811
3,172,153
3,173,171
3,183,552
3,186,028
3,187,381
3,188,688
3,191,225
3,192,561
3,193,875
3,193,876
3,195,180
3,196,484
3,203,043
3,203,044
3,206,801
3,209,400
3,209,401
3,210,804
3,212,129
3,212,130
3,212,131
3,214,794
3,216,060
3,216,061
3,217,356
3,217,357
3,218,669
3,218,670
3,221,365
3,221,366
3,222,717
3,222,718
3,224,037
3,224,038
3,224,039
3,224,040
3,225,382
.1 : 3,165,782
.1 : 3,208,102
.3 : 3,181,200
.3 : 3,186,029
.3 : 3,196,485
.3 : 3,221,367
.7 : 3,191,226
6 : 3,175,246
3,195,181
3,208,103
8 : 3,166,788
3,169,271
3,173,172
3,174,183
3,174,184
3,176,342
3,176,343
3,176,344
3,176,345
3,176,346
3,181,201
3,182,352
3,188,689

8 : 3,192,562
3,192,563
3,195,182
3,197,812
3,197,813
3,200,440
3,204,289
3,204,290
3,209,402
3,224,041
3,225,383
9 : 3,186,031
3,200,441
3,203,045
3,209,403
3,221,368
10 : 3,214,795
12 : 3,164,862
3,164,863
3,167,812
3,167,813
3,170,190
3,171,160
3,172,154
3,174,185
3,177,527
3,178,769
3,178,770
3,183,553
3,184,790
3,186,030
3,187,382
3,187,390
3,191,227
3,191,228
3,191,229
3,192,564
3,193,877
3,195,183
3,196,486
3,196,487
3,197,814
3,197,815
3,199,145
3,199,146
3,199,147
3,203,046
3,204,291
3,205,533
3,212,132
3,212,133
3,214,796
3,217,358
3,218,671
3,221,369
3,222,719
3,222,720
3,225,384
13 : 3,175,247
3,189,941
3,191,230
3,203,047
3,206,802
3,222,721
3,222,722
3,225,385
14 : 3,167,814
3,169,272
3,176,347
3,179,978
3,184,791
3,184,792
3,184,793
3,186,032
3,186,033
3,187,383
3,188,690
3,193,878
3,193,879
3,195,184
3,203,048
3,205,534
3,205,535
3,209,404
3,210,803
3,212,134
3,212,135
3,212,136
3,217,359
3,217,360
3,217,361
3,218,672
3,221,370
3,221,371
3,221,372
3,225,386
15 : 3,199,148
3,212,137
16 : 3,166,789
3,169,273
3,172,155
3,176,348
3,182,353

16 : 3,189,942
3,191,231
3,204,292
3,209,405
3,222,723
3,224,042
.5 : 3,179,979
.5 : 3,200,442
.5 : 3,201,828
.5 : 3,213,491
.7 : 3,168,759
.7 : 3,172,156
.7 : 3,191,232
17 : 3,170,191
3,171,161
3,171,162
3,172,157
3,173,173
3,182,354
3,189,943
3,199,149
3,203,049
3,222,724
18 : 3,172,158
3,184,794
3,193,880
3,200,443
19 : 3,165,783
3,166,790
3,167,815
3,167,816
3,169,274
3,170,192
3,172,159
3,173,174
3,176,349
3,178,771
3,179,980
3,181,202
3,182,355
3,184,795
3,184,796
3,186,034
3,189,399
3,192,565
3,193,881
3,196,488
3,196,489
3,197,816
3,208,104
3,214,797
3,220,056
3,220,057
3,225,387
20 : 3,209,406
3,210,805
21 : 3,196,490
24 : 3,165,784
3,166,791
26 : 3,172,160
3,173,175
3,183,554
3,186,035
3,201,829
3,217,362
3,222,725
28 : 3,166,792
30 : 3,163,888
3,165,785
3,166,793
3,166,794
3,169,275
3,172,161
3,173,176
3,174,186
3,174,187
3,175,248
3,175,249
3,178,772
3,179,981
3,182,356
3,183,555
3,183,556
3,184,797
3,188,691
3,189,945
3,189,946
3,191,233
3,191,234
3,192,566
3,195,185
3,200,444
3,201,799
3,204,293
3,204,294
3,205,536
3,208,105
3,209,407
3,209,408
3,217,363
3,217,364
3,220,058
3,220,059

Class 18—Con.

30 : 3,221,373
3,222,726
3,222,727
3,224,043
33 : 3,176,350
3,224,044
34 : 3,167,817
3,169,276
3,171,163
3,173,177
3,178,773
3,218,673
3,225,388
35 : 3,210,806
3,222,728
36 : 3,174,188
3,177,528
3,189,947
3,192,567
3,209,409
3,222,729
3,224,045
38 : 3,170,193
3,189,948
3,193,882
3,196,491
39 : 3,165,786
3,175,250
3,192,568
3,193,883
41 : 3,170,194
42 : 3,164,864
3,165,787
3,165,788
3,166,795
3,172,162
3,174,189
3,188,692
3,192,569
3,193,884
3,199,150
3,213,492
43 : 3,167,818
3,191,235
3,195,186
45 : 3,164,865
3,165,789
3,170,195
3,172,163
3,187,384
3,192,570
3,216,062
46 : 3,164,866
3,203,050
47 : 3,166,796

Class 19

.25: 3,167,819
.25: 3,191,236
.25: 3,199,151
.25: 3,216,063
.51: 3,209,410
8 : 3,187,385
50 : 3,218,674
59 : 3,163,889
60 : 3,225,389
64.5 : 3,177,529
65 : 3,169,277
3,184,798
3,192,571
3,204,295
3,220,060
66 : 3,214,798
3,218,675
3,220,061
3,225,390
80 : 3,170,196
3,208,106
81 : 3,166,797
84 : 3,200,445
98 : 3,225,391
105 : 3,169,278
3,205,537
3,218,676
106 : 3,196,492
3,204,296
107 : 3,212,138
114 : 3,175,251
3,204,297
144.5 : 3,165,790
145.5 : 3,175,252
.5 : 3,204,298
.5 : 3,208,107
148 : 3,170,197
150 : 3,195,187
151 : 3,172,164
155 : 3,187,386
156.3 : 3,187,387
159 : 3,169,279
3,199,152
3,214,799
159 : 3,218,677
3,221,374
161 : 3,192,572
163 : 3,183,557
3,222,730
203 : Re.25,780
3,172,165
3,179,982
3,186,036
204 : 3,205,538
218 : 3,217,365
225 : 3,184,799
236 : 3,176,351
239 : 3,203,051
241 : 3,206,803
243 : 3,216,064
245 : 3,166,798
3,178,774
248 : 3,176,352
252 : 3,222,731
253 : 3,167,820
255 : 3,195,188
261 : 3,192,573
267 : 3,164,867
3,191,237
3,200,446
3,205,539
3,225,392
272 : 3,168,760
3,196,493
282 : 3,212,139
287 : 3,205,540
294 : 3,216,065

Class 20

.5 : 3,170,198
.5 : 3,179,983
.5 : 3,188,693
1 : 3,184,800
3,191,238
3,191,239
3,195,189
.11: 3,166,799
.12: 3,168,761
.126 3,170,199
.126 3,181,203
.126 3,183,558
.7 : 3,182,357
2 : 3,168,762
3,169,280
3,177,530
3,188,694
3,189,949
3,195,190
3.5 : 3,164,868
4 : 3,163,890
3,165,791
3,166,800
3,172,166
3,174,191
3,174,192
3,178,775
3,188,695
3,188,696
3,189,950
3,193,885
3,195,191
3,196,499
6 : 3,177,531
3,186,037
8 : 3,192,574
9 : 3,175,253
11 : 3,184,801
3,200,447
3,220,062
15 : 3,165,792
3,169,281
3,173,178
3,176,353
3,184,802
3,196,494
16 : 3,172,167
3,172,168
3,174,193
3,177,532
3,184,803
3,186,038
3,196,495
3,196,496
3,199,153
3,208,108
3,216,066
3,218,678
3,222,732
19 : 3,166,801
3,169,282
3,175,254
3,175,255
3,184,804
3,188,698
3,188,699
3,195,192
3,197,817
19 : 3,208,109
3,217,367
3,224,046
3,225,393
23 : 3,171,164
3,179,984
3,179,985
3,204,299
3,216,067
3,218,679
3,220,063
24 : 3,179,986
27 : 3,201,830
35 : 3,167,821
3,168,763
3,177,533
3,179,987
3,189,951
36 : 3,178,776
39 : 3,184,805
3,203,052
40.5 : 3,188,700
.5 : 3,191,240
.5 : 3,213,493
42 : 3,197,818
3,199,154
3,210,807
45 : 3,214,801
52 : 3,167,822
3,169,283
3,172,169
3,173,179
3,184,806
3,195,193
3,208,110
3,209,411
3,209,412
3,220,064
.2 : 3,173,180
.2 : 3,183,559
.2 : 3,195,194
.2 : 3,197,819
.2 : 3,206,804
.2 : 3,208,111
.2 : 3,222,733
.4 : 3,174,194
53 : 3,163,891
3,181,204
3,196,497
3,212,140
55 : 3,195,195
3,222,734
56.3 : 3,210,808
.4 : 3,201,831
.5 : 3,167,823
.5 : 3,183,560
.5 : 3,192,575
.5 : 3,201,832
.5 : 3,203,053
.5 : 3,210,809
.5 : 3,220,065
57.5 : 3,174,195
.5 : 3,178,777
62 : 3,163,892
3,163,893
3,183,561
3,191,241
3,196,498
3,205,541
63 : 3,191,242
3,197,820
68 : 3,199,155
69 : 3,164,869
3,164,870
3,165,793
3,167,824
3,167,825
3,167,826
3,167,827
3,171,165
3,171,166
3,175,256
3,175,257
3,177,534
3,178,778
3,178,779
3,181,205
3,184,807
3,184,808
3,187,388
3,197,821
3,200,448
3,201,833
3,213,494
3,216,068
3,218,680
3,221,375
3,221,376
3,224,047
3,226,367
70 : 3,199,156
71 : 3,167,828
3,170,200
3,224,048
74 : 3,192,576
91 : 3,171,167
3,172,170
92 : 3,166,802
3,172,171
3,178,780
3,187,389
3,191,243
3,192,577
3,193,886
3,195,196
3,197,822
3,197,823
3,201,834
3,204,300
3,206,805
3,206,806
3,214,802
3,225,394
.4 : 3,191,244
99 : 3,170,201
101 : 3,176,354

Class 21

2.5 : 3,174,818
.5 : 3,188,166
.5 : 3,226,180
7 : 3,197,272
58 : 3,183,057
3,206,275
60.5 : 3,199,944
62 : 3,199,945
77 : 3,192,008
78 : 3,174,819
116 : 3,175,876
121 : 3,189,405
122 : 3,178,255

Class 22

1 : 3,183,562
3 : 3,172,172
4 : 3,171,168
5.5 : 3,179,988
.5 : 3,181,206
.5 : 3,203,054
9 : 3,171,169
3,182,358
3,210,810
3,216,069
3,225,395
10 : 3,163,894
3,171,170
3,174,196
3,184,809
3,187,391
3,189,952
3,192,578
3,212,141
3,225,396
13 : 3,188,701
3,206,807
3,214,803
17 : 3,165,794
3,169,284
3,221,377
20 : 3,171,171
3,181,207
3,192,579
3,200,449
21 : 3,192,580
25 : 3,169,285
26 : 3,172,173
31 : 3,193,887
3,209,413
33 : 3,199,157
34 : 3,175,258
36 : 3,168,764
3,187,392
40 : 3,170,202
41 : 3,181,208
3,187,393
3,220,066
45 : 3,205,542
46 : 3,209,414
48 : 3,178,781
57 : 3,220,067
.2 : 3,163,895
.2 : 3,166,803
.2 : 3,167,829
.2 : 3,174,197
.2 : 3,176,355
.2 : 3,177,535
.2 : 3,179,989
.2 : 3,189,953
.2 : 3,196,500
.2 : 3,199,160
.2 : 3,203,055
.2 : 3,206,808
.2 : 3,210,811
.2 : 3,210,812
.2 : 3,212,142
.2 : 3,218,681
57.2 : 3,220,068
.3 : 3,176,356
.3 : 3,183,563
.3 : 3,206,809
.4 : 3,163,896
.4 : 3,167,830
.4 : 3,181,209
.4 : 3,193,888
.5 : 3,208,112
58 : 3,174,198
3,195,197
3,200,450
3,221,378
60 : 3,192,581
61 : 3,193,889
63 : 3,200,451
64 : 3,220,069
65 : 3,164,871
3,168,765
3,174,199
3,181,210
3,191,245
.1 : 3,199,158
67 : 3,189,954
68 : 3,171,172
3,178,782
3,181,211
3,191,246
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3,196,501
3,196,502
3,199,159
3,201,835
3,201,836
3,208,113
3,209,416
3,209,417
69 : 3,163,897
3,179,295
3,184,810
3,186,039
3,196,503
3,201,837
3,221,379
3,222,735
70 : 3,172,174
3,181,212
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3,203,056
3,209,418
3,209,419
73 : 3,170,203
3,182,359
3,188,702
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74 : 3,204,301
77 : 3,188,703
79 : 3,177,536
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3,188,704
3,191,247
3,191,248
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3,200,452
3,217,368
3,218,682
80 : 3,186,040
81 : 3,169,286
3,169,287
82 : 3,191,249
3,200,453
3,216,070
3,221,380
3,225,397
84 : 3,165,795
3,182,360
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3,225,398
85 : 3,168,766
3,183,564
3,192,582
3,193,892
3,195,198
3,196,504
3,214,804
87 : 3,191,250
89 : 3,172,175
3,204,302
3,205,543
3,221,381
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90 : 3,224,049
93 : 3,165,796
3,197,825
94 : 3,208,114
3,209,415
95 : 3,197,826
3,212,143
107 : 3,200,454
113.5 : 3,197,827
116 : 3,166,804
129 : 3,186,041
3,206,810
129 : 3,212,144
130 : 3,177,537
133 : 3,189,955
136 : 3,167,831
3,170,204
137 : 3,176,357
139 : 3,163,898
3,166,805
3,184,813
147 : 3,165,797
3,165,798
3,166,806
3,166,807
3,171,173
3,178,783
157 : 3,213,496
158 : 3,224,050
163 : 3,216,071
165 : 3,188,705
167 : 3,216,072
184 : 3,206,811
190 : 3,195,199
192 : 3,212,145
3,213,497
3,220,070
193 : Re.25,905
3,164,872
3,172,176
3,181,213
3,182,361
3,184,814
3,192,583
3,196,505
3,203,057
3,208,115
3,209,420
3,216,073
3,216,074
3,218,683
3,221,382
194 : 3,179,990
3,216,075
195 : 3,169,288
3,175,259
196 : 3,165,799
3,171,174
3,193,893
3,196,506
3,204,303
3,209,421
3,222,737
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198 : 3,220,071
200 * : 3,166,808
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.1 : 3,214,805
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209 : 3,189,960
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214 : 3,174,200
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215 : 3,182,363
3,208,118
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3,224,051
216 : 3,186,046
.5 : 3,184,815
.5 : 3,191,252
.5 : 3,197,828
217 : 3,172,177

Class 23

1 : 3,164,440
3,174,820
3,180,699
3,210,149
2 : 3,168,368
3,170,758
3,179,487
2 : 3,179,488
3,181,928
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3,194,629
3,214,236
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3 : 3,181,929
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3,192,009
3,199,946
14 : Re.25,777
3,164,441
3,166,376
3,166,377
3,166,378
3,167,386
3,169,044
3,169,045
3,171,712
3,175,877
3,179,489
3,179,490
3,180,700
3,180,701
3,184,286
3,185,541
3,185,542
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3,193,343
3,195,976
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3,211,517
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3,215,491
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3,222,120
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.5 : 3,215,492
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.5 : 3,219,408

14.5 : 3,222,124
.5 : 3,222,125
.5 : 3,223,475
16 : 3,212,847
18 : 3,206,276
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19 : 3,167,389
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3,169,825
22 : 3,173,754
3,190,719
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23 : 3,190,720
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25 : 3,195,978
32 : 3,189,407
33 : 3,207,571
38 : 3,199,948
48 : 3,178,260
49 : 3,175,880
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50 : 3,174,822
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51 : 3,175,881
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58 : 3,226,183
59 : 3,164,442
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63 : 3,184,287
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64 : 3,189,409
66 : 3,179,493
67 : 3,169,826
75 : 3,167,387
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77 : 3,180,705
78 : 3,173,755
79 : 3,189,410
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85 : 3,178,262
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86 : 3,199,949
87 : 3,170,760
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3,218,122
88 : 3,172,724
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3,207,575
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89 : 3,174,825
3,188,172
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91 : 3,181,930
93 : 3,222,127
97 : 3,202,478
98 : 3,194,631
100 : 3,167,390
102 : 3,173,756
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103 : 3,171,716
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105 : 3,194,632
3,201,194
106 : 3,168,373
3,210,154
107 : 3,179,496
107 : 3,201,195
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3,223,480
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109 : 3,208,821
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110 : 3,171,718
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112 : 3,173,759
3,185,544
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114 : 3,203,756
116 : 3,205,038
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117 : 3,168,374
118 : 3,226,186
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123 : 3,193,345
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125 : 3,207,577
129 : 3,165,378
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131 : 3,226,190
134 : 3,214,241
135 : 3,168,375
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136 : 3,220,796
139 : 3,179,497
140 : 3,190,723
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141 : 3,185,545
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143 : 3,169,827
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151 : 3,166,390
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153 : 3,166,379
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154 : 3,199,953
155 : 3,220,798
159 : 3,202,481
160 : 3,211,525
165 : 3,170,761
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165 : 3,181,931
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172 : 3,210,156
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175 : 3,186,794
177 : 3,195,981
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188 : 3,165,380
190 : 3,181,932
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191 : 3,169,828
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193 : 3,214,243
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201 : 3,170,762
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211 : 3,210,157
212 : 3,165,382
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216 : 3,169,830
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219 : 3,168,376
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220 : Re.25,933
223 : 3,207,583
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226 : 3,199,955
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232 : 3,169,832
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253 : Re.25,932
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259 : 3,173,762
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263 : 3,170,766
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266 : 3,210,160
267 : 3,164,443
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269 : 3,199,957
270 : 3,212,857
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.5 : 3,174,831
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.5 : 3,192,019
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273 : 3,172,734
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281 : 3,175,890
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282 : 3,174,833
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283 : 3,190,729
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284 : 3,174,834
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285 : 3,165,383
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3,222,137
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286 : 3,210,164
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287 : 3,170,770
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288 : 3,164,446
3,166,381
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3,167,399
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3,222,140
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3,223,491
3,226,205
3,226,206
289 : 3,197,288
3,212,862
290 : 3,223,492
.5 : 3,170,771
.5 : 3,222,141
292 : 3,186,808
3,190,731
3,219,421
293 : 3,177,051
3,194,640
294 : 3,199,961
295 : 3,202,487
299 : 3,224,843
300 : 3,197,289
3,198,608
3,201,208
3,211,538
3,212,863
301 : 3,173,765
3,175,891
3,179,502
3,189,419
3,190,732
3,195,990
3,201,209
3,210,165
3,223,493
3,224,844
302 : 3,167,401
3,208,834
3,222,142
305 : 3,193,361
309 : 3,167,402
310 : 3,165,384
3,199,962
3,206,288
312 : 3,168,379
3,179,503
3,180,713
3,186,809
3,194,641
3,214,248
3,215,509
3,219,422
3,224,845

Class 24

3 : 3,172,178
3,196,507
3,210,814
3,224,052
10 : 3,178,784
3,212,146
3,217,369
11 : 3,175,261
3,224,053
12 : 3,171,176
16 : 3,163,899
3,175,262
3,186,047
3,192,584
3,197,829
3,197,830
3,197,831
3,206,813
3,214,807
3,214,808
3,224,054
3,224,055
3,224,056
20 : Re.25,769
3,177,538
3,182,364
3,188,706
3,189,961
3,206,814
3,210,815
3,213,499
3,216,079
3,220,072
21 : 3,193,894
27 : 3,208,120
30.5 : 3,182,365
31 : 3,186,048
33 : 3,165,800
3,171,177
3,176,358
3,177,539
36 : 3,206,815
37 : 3,212,147
41 : 3,220,073
49 : 3,173,181
3,204,305
52 : 3,204,306
68 : 3,173,182
3,178,785
3,182,366
3,203,058
3,204,307
3,214,809
70 : 3,163,900
71 : 3,200,458
.1 : 3,183,565
.2 : 3,208,121
73 : 3,169,289
3,170,206
3,176,359
3,176,360
3,177,540
3,178,786
3,179,991
3,181,214
3,182,367
3,186,049
3,193,895
3,196,508

Class 24—Con.

73 : 3,200,459
3,203,059
3,204,308
3,205,544
3,208,122
3,208,123
3,210,816
3,212,148
3,213,500
74 : 3,177,541
3,206,816
75 : 3,181,215
3,188,707
3,222,739
3,225,401
77 : 3,179,992
3,181,216
3,191,253
3,196,509
3,203,060
3,217,370
3,218,685
78 : 3,197,832
81 : 3,164,873
3,167,832
3,169,290
3,171,179
3,175,263
3,200,460
3,203,061
3,204,309
83 : 3,222,740
84 : 3,179,993
3,212,149
3,224,057
86 : 3,173,183
3,182,368
87 : 3,214,810
90 : 3,176,361
.5 : 3,206,817
91 : 3,172,179
92 : 3,182,369
95 : 3,213,501
97 : 3,224,058
103 : 3,210,817
3,224,059
105 : 3,186,050
108 : 3,191,254
113 : Re.25,738
3,214,811
115 : 3,205,545
116 : 3,168,768
3,181,217
3,182,370
3,224,060
120 : 3,176,362
3,225,402
121 : 3,166,809
122.6 : 3,220,074
123 : 3,163,901
3,171,180
3,175,264
3,184,817
3,187,396
3,204,310
125 : 3,166,810
3,177,542
3,183,566
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3,201,838
3,210,818
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126 : 3,163,902
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3,163,904
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3,189,962
3,193,896
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3,204,311
3,214,812
129 : 3,164,874
3,221,383
3,225,403
132 : 3,199,161
134 : 3,165,801
3,177,544
3,179,994
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3,204,312
3,222,742
135 : 3,182,371
137 : 3,171,181
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140 : 3,168,769
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146 : 3,197,833
3,221,384
150 : 3,209,422
153 : 3,176,363
3,181,218
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158 : 3,167,833
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160 : 3,220,075
162 : 3,225,404
165 : 3,222,743
170 : 3,177,545
181 : 3,175,266
3,208,124
3,209,423
188 : 3,187,397
3,204,314
191 : 3,187,398
3,213,502
194 : 3,197,834
196 : 3,163,905
3,169,291
3,178,787
3,189,963
3,192,586
3,193,898
3,209,424
3,213,503
3,214,814
197 : 3,165,802
198 : 3,218,686
200 : 3,192,587
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3,214,815
201 : 3,173,184
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3,200,461
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3,213,504
3,213,505
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203 : 3,181,219
204 : 3,192,589
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205 : 3,164,875
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.11: 3,170,207
.11: 3,175,268
.11: 3,210,819
.11: 3,214,817
.11: 3,224,061
.12: 3,191,255
.13: 3,178,788
.13: 3,189,964
.13: 3,199,162
.14: 3,170,208
.14: 3,186,053
.14: 3,225,405
.15: 3,201,839
.16: 3,200,462
206 : 3,187,399
207 : 3,212,150
208 : 3,195,200
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3,210,820
211 : 3,184,816
213 : 3,169,292
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3,205,546
214 : 3,224,062
216 : 3,192,590
217 : 3,213,506
3,213,507
218 : 3,196,512
219 : 3,176,365
221 : 3,169,293
3,171,182
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3,209,425
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3,220,078
3,222,744
222 : 3,170,209
225 : 3,165,803
3,181,220
3,206,819
226 : 3,170,210
228 : 3,176,366
230 : 3,165,804
3,165,805
3,165,806
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3,167,835
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3,170,211
3,171,183
3,174,202
3,177,547
3,177,548
230 : 3,179,997
3,181,221
3,182,372
3,183,568
3,186,054
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3,200,463
3,200,464
3,201,840
3,203,064
3,203,065
3,206,820
3,212,151
3,212,152
3,225,406
235 : 3,187,395
238 : 3,212,153
239 : 3,217,373
241 : 3,186,055
3,193,899
3,213,508
243 : 3,201,841
3,205,547
3,225,407
245 : 3,177,549
3,177,550
3,192,591
3,224,063
248 : 3,163,907
3,171,184
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250 : 3,205,548
252 : 3,170,212
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3,213,509
253 : 3,171,178
255 : 3,170,213
257 : 3,187,400
3,203,066
260 : 3,176,367
261 : 3,172,181
3,195,203
263 : 3,170,214
3,182,373
3,188,708
3,188,709
3,192,592
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3,197,836
3,210,821
264 : 3,205,549
265 : 3,167,836
3,170,215
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3,175,270
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3,217,374
3,225,408
269 : 3,222,745
270 : 3,177,551
3,183,569
274 : 3,175,271
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3,195,204
3,203,068
277 : 3,192,593
3,209,426
278 : 3,191,256
279 : 3,166,812
3,175,267
3,189,969
3,195,205
3,195,206
3,209,427
280 : 3,166,813
3,176,368
284 : 3,189,970

Class 25

1 : 3,203,069
3,213,510
2 : 3,178,791
3,199,164
11 : 3,165,807
14 : 3,222,746
17 : 3,212,154
24 : 3,222,747
27 : 3,200,465
29 : 3,189,971
30 : 3,201,843
31 : 3,193,900
32 : 3,193,901
3,193,902
3,205,550
36 : 3,176,369
37 : 3,164,876
38 : 3,167,837
3,188,710
3,206,821
38 : 3,216,080
39 : 3,176,370
3,201,844
3,206,822
41 : 3,176,371
3,177,552
3,181,222
3,196,513
3,201,845
3,213,511
3,217,375
3,224,064
3,225,409
42 : 3,222,748
43 : 3,193,903
45 : 3,177,553
3,178,792
84 : 3,179,998
3,225,410
90 : 3,183,570
91 : 3,225,411
98 : 3,172,182
3,205,551
99 : Re.25,717
3,176,372
103 : 3,166,814
3,187,401
104 : 3,184,818
.5 : 3,186,056
105 : 3,173,185
3,183,571
3,204,315
108 : 3,225,412
118 : 3,163,908
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121 : 3,168,771
3,192,594
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126 : 3,183,572
127 : 3,177,554
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128 : 3,164,877
3,166,816
3,170,216
3,213,512
3,225,413
129 : 3,212,156
3,225,414
130 : Re.25,758
3,163,910
3,166,817
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3,205,552
131 : 3,163,911
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3,167,842
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3,222,750
3,224,065
.5 : 3,170,217
.5 : 3,174,204
.5 : 3,195,209
.6 : 3,206,824
142 : 3,183,573
153 : 3,169,295
3,181,223

Class 26

7 : 3,186,057
9 : 3,196,514
10.4 : 3,164,879
18.6 : 3,195,210
.6 : 3,195,211
.6 : 3,195,212
.6 : 3,195,213
33 : 3,174,205
3,175,224
51 : 3,214,818
.4 : 3,167,843
.5 : 3,192,595
55 : 3,175,272
3,204,317
57 : 3,216,081
61 : 3,180,001
62 : 3,180,002
3,199,165
63 : 3,195,214
3,213,513

Class 27

1 : 3,167,844
3,183,574
2 : 3,188,711
3,220,080
3 : 3,164,880
6 : 3,188,712
7 : 3,172,183
12 : 3,184,819
3,192,596
17 : 3,224,066
19 : 3,204,318
3,218,688
21 : 3,166,819
3,195,215
3,205,553
3,220,081
32 : 3,164,881

Class 28

1 : 3,164,882
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424 : 3,191,286
3,192,619
427 : 3,187,423
3,214,831
3,214,832
428 : 3,182,393
3,213,530
429 : 3,169,308
3,199,184
3,225,432
3,225,433
430 : 3,188,730
3,188,731
3,195,228
3,200,487
3,217,397
3,225,434
431 : 3,201,860
432 : 3,166,838
3,187,424
3,208,135
3,217,398
.1 : 3,218,700
.2 : 3,225,435
433 : 3,168,792
3,216,102
434 : 3,186,081
3,199,185
3,220,104
436 : 3,225,436
437 : 3,189,991
3,216,103
3,217,399
439 : 3,221,402
441 : 3,183,586
445 : 3,165,827
446 : 3,196,535
3,197,852
3,204,331
3,210,839
447 : 3,193,918
3,222,772
450 : 3,168,779
3,176,388
3,197,853
3,199,186
451 : 3,183,587
3,212,179
453 : 3,199,187
3,200,488
3,212,180
3,217,400
454 : 3,191,287
455 : 3,168,780
3,197,854
3,201,861
456 : 3,178,810
3,186,082
458 : 3,208,136
460 : 3,182,394
463 : 3,175,283
3,177,575
3,213,531
464 : 3,218,701
468 : 3,212,181
469 : 3,168,781
3,187,425
3,203,082
3,216,104
3,224,084

Class 29—Con.

470 : 3,166,840
3,184,841
3,184,842
3,206,846
3,209,447
3,220,105
.1 : 3,178,811
.1 : 3,197,855
.1 : 3,197,856
.1 : 3,201,862
.1 : 3,203,083
.1 : 3,209,448
.1 : 3,212,183
.1 : 3,218,702
.3 : 3,175,284
.3 : 3,212,182
.5 : 3,191,288
.9 : 3,186,083
.9 : 3,200,489
471.1 : 3,163,930
.1 : 3,168,782
.1 : 3,180,020
.1 : 3,188,732
.1 : 3,205,571
.1 : 3,205,572
.1 : 3,218,703
.1 : 3,218,704
.7 : 3,169,309
.7 : 3,204,332
.9 : 3,177,576
.9 : 3,187,426
472.3 : 3,201,863
.7 : 3,177,577
.7 : 3,196,536
.9 : 3,186,084
.9 : 3,217,401
473.1 : 3,173,201
.1 : 3,192,620
.1 : 3,200,490
.1 : 3,203,084
.1 : 3,208,137
.1 : 3,214,833
.3 : 3,191,289
.5 : 3,225,437
.9 : 3,220,106
474.1 : 3,167,857
.1 : 3,220,107
.3 : 3,177,578
.3 : 3,222,773
.4 : 3,200,491
.4 : 3,205,573
475 : 3,191,290
3,199,188
3,204,333
3,212,184
477 : 3,164,896
3,176,389
3,193,919
.3 : 3,208,138
.3 : 3,217,402
.7 : 3,189,992
480 : 3,197,857
3,206,847
482 : 3,195,229
3,213,532
483 : 3,180,021
484 : 3,181,235
3,209,449
487 : 3,165,828
3,167,858
3,173,202
3,180,022
3,196,537
3,196,538
3,201,864
488 : 3,170,234
3,199,189
3,210,840
3,217,403
3,222,774
3,225,438
492 : 3,193,920
3,208,139
3,209,450
493 : 3,201,865
3,224,085
494 : 3,164,897
3,197,858
3,205,574
495 : 3,174,220
3,199,190
496 : 3,175,285
3,175,286
3,195,230
497 : 3,165,829
3,222,775
498 : 3,182,395
3,203,085
3,217,404
501 : 3,197,859
503 : 3,222,776
505 : 3,208,140
509 : 3,163,931
3,187,427
3,193,921
3,197,860
3,204,334
510 : 3,192,621
511 : 3,210,841
3,221,403
512 : 3,209,451
517 : 3,192,622
520 : 3,171,196
522 : 3,210,842
523 : 3,188,733
525 : 3,224,086
526 : 3,222,777
527 : 3,169,310
3,169,311
3,180,023
3,187,428
3,189,993
3,191,291
3,210,843
3,216,105
3,224,087
528 : 3,174,221
3,175,287
3,177,579
3,180,024
3,188,734
3,191,292
3,197,861
3,197,862
3,203,086
3,206,848
3,209,452
3,213,533
3,216,106
3,217,405
3,218,705
3,222,778
529 : 3,166,841
3,183,588
3,188,735
3,191,293
3,199,191
3,213,534
3,224,088
534 : 3,170,235
3,170,236
539 : 3,167,859
553 : 3,164,898
556 : 3,167,860
558 : 3,189,994
561 : 3,181,236
564 : 3,187,429
3,212,185
566 : 3,222,779
567 : 3,216,107
568 : Re.25,737
3,173,203
3,173,204
3,174,222
3,186,085
3,188,736
3,191,294
3,200,492
3,217,406
3,218,706
3,221,404
3,225,439

Class 30

1 : 3,177,580
.5 : 3,203,087
2 : 3,175,288
3,178,812
3,184,843
3,191,295
3,193,922
3,195,231
3,204,335
3,224,089
4 : 3,178,813
3,216,108
6.1 : 3,204,336
.4 : 3,189,995
.4 : 3,222,780
8.5 : 3,206,849
9 : 3,165,830
10 : 3,203,088
3,203,089
16 : 3,199,192
24 : 3,176,390
3,192,623
28 : 3,169,312
3,180,025
3,189,996
30 : 3,165,831
3,180,026
3,183,589
34 : 3,209,454
.1 : 3,201,178
.1 : 3,203,090
34.1 : 3,213,535
.1 : 3,213,536
.2 : 3,181,237
.2 : 3,191,296
.2 : 3,220,108
41 : 3,176,391
3,176,392
.5 : 3,216,109
.6 : 3,220,109
43.1 : 3,166,842
.1 : 3,172,200
.1 : 3,186,087
.4 : 3,225,440
.6 : 3,191,297
.6 : 3,196,541
.6 : 3,197,864
.7 : 3,208,141
.7 : 3,218,707
.9 : 3,196,539
.9 : 3,206,850
.92: 3,169,313
.92: 3,172,201
.92: 3,191,298
.92: 3,191,299
.92: 3,191,300
.92: 3,201,866
.92: 3,218,708
60.5 : 3,169,314
.5 : 3,176,393
.5 : 3,176,394
62 : 3,171,197
3,178,814
3,203,091
3,203,092
63 : 3,177,581
3,203,093
3,204,337
3,204,338
3,224,090
65 : 3,171,198
67 : 3,193,923
90 : 3,172,202
3,177,582
3,178,815
3,183,590
91 : 3,169,315
3,197,865
3,216,110
3,218,709
92 : 3,164,899
94 : 3,171,199
3,181,238
101 : 3,163,932
123 : 3,183,591
124 : 3,188,737
130 : 3,171,200
131 : 3,212,186
133 : 3,217,407
134 : 3,173,205
140 : 3,165,832
3,208,142
142 : 3,174,223
3,224,091
143 : 3,220,110
154 : 3,176,395
162 : 3,192,624
164.95: 3,221,405
165 : 3,212,187
166 : 3,181,239
3,217,408
168 : 3,176,396
3,182,396
3,193,924
169 : 3,173,206
3,183,592
3,195,232
3,201,867
3,214,834
180 : Re.25,842
3,175,289
3,177,583
199 : 3,217,409
200 : 3,209,455
201 : 3,208,143
206 : 3,165,833
210 : 3,193,925
3,222,781
216 : 3,200,493
3,212,188
219 : 3,176,397
222 : 3,218,710
223 : 3,222,782
228 : 3,172,203
3,175,290
3,177,584
3,178,816
3,189,997
3,199,193
230 : 3,222,783
231 : 3,225,441
233.5 : 3,225,442
250 : 3,203,094
3,210,844
252 : 3,187,430
254 : 3,175,291
3,196,540
264 : 3,174,224
268 : 3,170,237
272 : 3,189,998
3,203,095
3,203,096
3,221,406
273 : 3,224,092
3,225,443
276 : Re.25,947
3,192,625
3,199,194
279 : 3,169,316
3,186,088
289 : 3,188,738
3,201,868
292 : 3,174,225
293 : 3,178,817
3,191,301
3,222,784
294 : 3,167,861
298 : 3,191,302
301 : 3,182,397
304 : 3,206,851
324 : 3,208,144
3,224,093
335 : 3,171,201
338 : 3,217,410
339 : 3,187,431
342 : 3,201,869
346 : 3,224,094
350 : 3,193,926
354 : 3,169,317
3,176,398
3,178,818
355 : 3,205,575
3,222,785
358 : 3,186,086
367 : 3,172,204
3,176,399
368 : 3,178,819

Class 31

5 : 3,184,844
3,209,456
21 : 3,187,432
26 : 3,200,494
34 : 3,196,542
44 : 3,199,195
46 : 3,166,843
3,193,927
3,210,845
3,217,411
48 : 3,193,928
3,193,929
49 : 3,167,862
3,192,626
3,221,407

Class 32

1 : 3,187,433
2 : 3,203,097
5 : 3,171,202
3,197,866
3,216,111
8 : 3,181,240
3,218,711
9 : 3,200,495
3,200,496
10 : 3,197,867
14 : 3,163,933
3,164,900
3,164,901
3,164,902
3,178,820
3,178,821
3,178,822
3,186,089
3,193,930
3,203,098
3,203,099
3,205,576
3,205,577
3,218,712
3,218,713
3,218,714
3,218,715
15 : 3,191,303
20 : 3,218,716
22 : 3,197,868
3,209,457
3,210,846
3,217,412
26 : 3,197,869
27 : 3,163,934
3,164,903
3,173,207
3,175,293
3,189,999
3,199,196
3,210,847
27 : 3,210,848
28 : 3,169,318
3,213,537
32 : 3,176,400
3,200,497
3,206,852
3,221,408
3,224,095
3,224,096
33 : 3,208,145
3,225,444
40 : 3,171,203
3,209,458
60 : 3,221,409
63 : 3,191,304
64 : 3,197,870
3,216,112
69 : 3,164,904

Class 33

1 : 3,163,935
3,164,905
3,165,834
3,166,844
3,166,845
3,166,846
3,171,204
3,171,205
3,171,206
3,175,294
3,177,585
3,184,845
3,184,846
3,184,847
3,184,848
3,186,090
3,186,091
3,187,434
3,190,000
3,195,233
3,200,498
3,212,189
3,216,113
3,217,413
3,224,097
3 : 3,173,208
3,176,401
3,192,627
3,205,578
8 : 3,173,209
9. : 3,210,849
18 : 3,163,936
3,173,210
3,175,295
3,197,871
19 : 3,220,111
20 : 3,170,238
3,182,398
23 : 3,171,207
3,177,586
3,182,399
3,184,849
3,192,628
3,192,629
3,213,538
3,218,717
25 : 3,184,850
26 : 3,216,114
27 : 3,183,593
3,214,835
30 : 3,167,863
3,224,098
41 : 3,164,906
3,166,847
3,190,001
42 : 3,168,783
3,192,630
46 : 3,163,937
3,163,938
3,165,835
3,171,208
3,181,241
3,182,400
3,182,401
3,190,002
3,192,631
3,212,190
.5 : 3,193,931
47 : 3,165,836
3,166,848
3,184,851
3,191,305
3,192,632
3,193,932
50 : 3,177,587
3,178,823
3,183,594
3,187,435
3,190,003
3,205,579
3,205,580
3,208,146
3,213,539
50.5 : 3,184,852
51 : 3,178,824
3,200,499
52 : 3,187,436
3,218,718
56 : 3,199,202
3,210,851
60 : 3,165,837
3,184,853
61 : 3,169,319
62 : 3,205,581
63 : 3,167,864
64 : 3,175,296
3,186,092
3,193,933
3,199,197
3,217,414
66 : 3,217,415
67 : 3,184,854
3,193,934
69 : 3,224,099
70 : 3,170,239
3,213,540
72 : 3,191,306
73 : 3,199,198
3,206,853
3,208,147
74 : 3,172,205
3,188,739
3,195,234
75 : 3,181,242
3,196,543
3,197,872
76 : 3,163,939
3,188,740
3,203,101
3,222,786
77 : 3,191,307
3,221,410
79 : 3,172,206
3,178,825
3,180,027
3,180,028
3,196,544
80 : 3,171,209
85 : 3,183,595
3,200,500
3,201,870
3,205,582
3,206,854
3,212,191
86 : 3,165,838
3,171,210
3,222,787
87 : 3,191,308
3,206,855
88 : 3,187,437
89 : 3,174,226
90 : 3,183,596
91 : 3,212,192
92 : 3,173,211
95 : 3,172,207
3,224,100
96 : 3,169,320
102 : 3,191,309
104 : 3,181,243
107 : 3,163,940
3,178,826
3,225,445
109 : 3,165,839
3,195,235
3,216,115
111 : 3,173,212
125 : 3,169,321
3,192,633
3,201,871
3,210,852
3,217,416
3,225,446
126.4 : 3,169,322
.4 : 3,199,199
.7 : 3,166,849
127 : 3,167,865
3,190,004
132 : 3,182,402
134 : 3,190,005
137 : 3,204,339
3,205,583
3,210,850
3,216,116
138 : 3,164,907
3,188,741
3,205,584
3,214,836
3,216,117
3,220,112
140 : 3,170,240
141 : 3,163,941
3,191,310
3,195,236
3,196,545
3,203,102
3,214,837
142 : 3,172,208
143 : 3,177,588
3,181,244
3,182,403
3,188,742
3,190,006
3,193,935
3,196,546
3,200,501
3,213,541
3,217,417
3,218,719
3,224,101
3,225,447
147 : 3,169,323
3,170,241
3,176,402
3,178,827
3,184,855
3,190,007
3,192,634
3,197,873
3,201,872
3,210,853
3,212,193
3,213,542
3,213,543
3,214,838
148 : 3,205,585
3,208,148
3,214,839
3,222,788
150 : 3,218,720
157 : 3,208,149
158 : 3,197,874
3,213,544
161 : 3,190,008
3,222,789
164 : 3,166,850
3,186,093
165 : 3,170,242
166 : 3,166,851
3,190,009
3,199,200
3,222,790
168 : 3,164,908
3,176,403
3,176,404
3,193,936
3,201,873
169 : 3,170,243
3,176,405
3,181,245
3,183,597
3,184,856
3,184,857
3,191,311
3,193,937
3,196,547
3,196,548
3,197,875
3,197,876
3,197,877
3,218,721
3,220,113
3,224,102
170 : 3,171,211
3,176,406
3,180,029
3,187,438
3,206,856
3,220,114
171 : 3,221,411
172 : 3,167,866
3,168,784
3,173,213
3,175,297
3,177,589
3,180,030
3,184,858
3,192,635
3,193,938
3,195,237
3,199,201
3,199,203
3,200,502
3,204,340
3,210,854
3,214,840
3,216,118
3,216,119
3,217,418
3,218,722
3,224,103
3,224,104
174 : 3,163,942
3,164,909
3,165,840
3,166,852
3,166,853
3,172,209
3,178,828
3,180,031
3,181,246
3,182,404

174 : 3,183,598
3,183,599
3,186,094
3,186,095
3,188,743
3,192,636
3,193,939
3,193,940
3,195,238
3,196,549
3,196,550
3,196,551
3,197,878
3,197,879
3,199,204
3,200,503
3,203,100
3,206,857
3,206,858
3,208,150
3,208,151
3,209,459
3,209,460
3,209,461
3,210,856
3,214,841
3,216,120
3,217,393
3,220,115
3,221,412
3,221,413
3,222,791
3,222,792
3,225,448
177 : 3,225,449
178 : 3,183,600
3,186,096
3,188,744
3,216,121
3,216,122
179 : 3,183,601
3,193,941
.5 : 3,167,867
.5 : 3,171,212
.5 : 3,172,210
.5 : 3,180,032
.5 : 3,181,247
.5 : 3,188,745
.5 : 3,188,746
.5 : 3,192,637
.5 : 3,195,239
.5 : 3,200,504
.5 : 3,214,842
.5 : 3,214,843
.5 : 3,224,105
180 : 3,170,244
3,174,227
3,192,638
3,193,942
3,195,240
3,199,205
3,200,505
3,201,874
3,208,152
3,209,462
3,210,857
3,210,858
3,224,106
181 : 3,172,211
3,187,439
3,203,103
3,216,123
182 : 3,192,639
3,218,723
184.5 : 3,170,245
.5 : 3,175,298
.5 : 3,186,097
.5 : 3,193,943
.5 : 3,206,859
185 : 3,167,868
3,200,506
3,200,507
3,200,508
3,205,586
3,206,860
189 : 3,173,214
3,186,098
3,192,640
3,203,104
3,203,105
3,205,587
3,208,153
3,212,194
191 : 3,210,855
192 : 3,166,854
194 : 3,199,206
3,200,509
197 : 3,184,859
3,206,861
199 : 3,209,463
3,216,124
3,217,419
3,218,724
3,222,793

201 : 3,167,869
3,184,860
203.12: 3,180,033
.13: 3,187,440
.13: 3,208,154
.15: 3,177,590
.18: 3,164,910
.18: 3,181,248
.18: 3,188,747
.18: 3,199,208
.18: 3,206,862
.18: 3,222,794
.2 : 3,182,405
204 : 3,181,249
3,197,880
3,197,881
3,199,207
3,200,510
3,208,155
205 : 3,176,407
3,180,034
206 : 3,169,324
3,171,213
3,172,212
3,184,861
3,225,450
207 : 3,180,035
3,180,036
3,183,602
3,186,099
3,188,748
3,199,209
3,213,545
3,225,451
209 : 3,212,195
211 : 3,166,855
3,167,870
3,186,100
3,190,010
212 : 3,186,101
214 : 3,196,552
3,221,414
215 : 3,192,641
217 : 3,213,546
222 : 3,197,882
3,210,859
3,217,420
223 : 3,193,944
3,199,210
3,206,863
3,209,464
224 : 3,177,591
3,183,603
3,188,749
3,210,860
226 : 3,172,213
3,173,215
3,173,216
3,206,864
3,212,196
3,222,795
3,225,452

Class 34

4 : 3,175,299
5 : 3,169,049
3,176,408
3,178,829
3,188,750
3,205,588
3,210,861
3,218,725
3,218,726
3,218,727
3,218,728
3,222,796
9.5 : 3,199,211
.5 : 3,205,589
10 : 3,166,383
3,186,102
3,195,241
3,197,883
3,199,212
3,206,865
3,212,197
3,214,844
3,216,125
3,218,729
12 : 3,188,751
3,225,453
13 : 3,191,312
.8 : 3,199,213
15 : 3,186,103
3,206,866
3,213,547
16 : 3,176,409
17 : 3,222,797
18 : 3,183,604
20 : 3,217,421
22 : 3,206,867
23 : 3,181,250
3,199,214
28 : 3,209,465

30 : 3,221,415
37 : 3,180,037
39 : 3,182,406
3,204,341
41 : 3,220,116
3,221,416
45 : 3,169,838
3,170,774
3,180,038
3,186,104
3,186,105
3,186,106
3,186,107
3,192,642
3,196,553
3,197,884
3,197,885
3,200,511
3,205,590
3,208,156
3,210,862
3,210,863
3,213,548
3,216,126
3,217,422
3,217,423
3,218,730
3,220,117
3,221,417
3,222,798
3,224,107
48 : 3,174,228
3,175,300
3,183,605
3,203,106
3,203,107
3,214,845
3,217,424
49 : 3,217,425
50 : 3,196,554
52 : 3,191,313
53 : 3,186,108
54 : 3,192,643
3,216,127
57 : 3,166,384
3,166,385
3,178,830
3,187,441
3,192,644
3,200,512
3,220,118
58 : 3,203,108
62 : 3,166,386
3,203,109
3,218,731
65 : 3,225,454
69 : 3,199,215
70 : 3,165,385
3,183,606
3,191,314
74 : 3,208,157
77 : 3,173,766
3,190,011
3,225,455
80 : 3,203,110
82 : 3,173,767
3,177,592
3,206,868
85 : 3,203,111
86 : 3,178,831
87 : 3,184,862
3,224,108
90 : 3,171,428
3,197,886
92 : 3,165,386
3,174,229
3,192,645
3,199,216
3,199,217
3,224,109
95 : 3,174,230
98 : 3,199,218
99 : 3,168,382
3,220,119
103 : 3,167,407
104 : 3,188,752
3,203,112
3,209,466
105 : 3,175,301
3,192,646
110 : 3,176,410
3,217,426
113 : 3,206,869
114 : 3,205,591
115 : 3,196,555
120 : 3,199,219
3,216,128
121 : 3,199,220
122 : 3,167,408
3,176,411
3,176,412
3,183,607
3,192,647
3,196,556

122 : 3,208,158
3,222,799
124 : 3,169,050
3,212,198
3,224,110
133 : 3,167,409
3,218,732
3,220,120
135 : 3,217,427
137 : 3,168,383
142 : 3,214,846
145 : 3,199,221
3,213,549
150 : 3,192,648
151 : 3,190,012
153 : 3,181,251
155 : 3,192,649
3,199,222
3,199,223
3,206,870
3,209,467
156 : 3,199,224
3,216,129
164 : 3,170,775
3,173,768
3,197,887
168 : 3,168,384
174 : 3,169,051
3,175,302
185 : 3,193,945
202 : 3,225,456
212 : 3,222,800
213 : 3,216,130
218 : 3,203,113
233 : 3,172,740
237 : 3,178,832

Class 35

1 : 3,208,159
3 : 3,224,111
5 : 3,208,160
6 : 3,166,856
3,201,875
8 : 3,172,214
3,173,217
3,174,231
3,174,232
9 : 3,166,857
3,166,858
3,171,214
3,174,233
3,175,303
3,181,252
3,184,863
3,186,109
3,187,442
3,187,443
3,191,315
3,195,242
3,200,513
3,200,514
3,206,871
3,210,864
3,212,199
3,214,847
3,218,733
3,221,418
3,224,112
3,225,457
10 : 3,187,444
.2 : 3,190,950
.4 : 3,164,659
.4 : 3,169,162
.4 : 3,170,978
.4 : 3,171,880
.4 : 3,183,295
.4 : 3,193,606
.4 : 3,194,869
.4 : 3,196,199
.4 : 3,197,540
.4 : 3,205,293
.4 : 3,219,744
.4 : 3,221,091
11 : 3,171,215
3,186,110
3,193,946
3,205,592
12 : 3,164,911
3,176,413
3,191,316
3,196,557
3,209,468
3,220,121
3,221,419
3,225,458
3,225,459
13 : 3,212,200
17 : 3,171,216
3,177,593
3,178,833
3,186,111
3,188,753
3,199,225

17 : 3,209,469
3,213,550
18 : 3,170,246
3,183,608
19 : 3,175,304
3,203,114
3,208,161
3,209,470
3,216,131
20 : 3,200,515
22 : 3,225,460
23 : 3,175,305
25 : 3,191,317
3,204,342
28.3 : 3,184,864
.3 : 3,224,113
29 : 3,197,888
3,220,122
30 : 3,208,162
31 : 3,171,217
3,192,650
3,204,343
3,204,344
3,204,345
3,206,872
3,212,201
3,212,202
3,224,114
34 : 3,173,218
3,191,318
35 : 3,166,859
3,167,871
3,170,247
3,172,215
3,177,594
3,190,013
3,197,889
3,197,890
3,197,891
3,199,226
3,199,227
3,199,228
3,200,516
3,200,517
3,206,873
3,214,848
3,217,428
3,221,420
3,224,115
37 : 3,197,892
38 : 3,193,947
39 : 3,203,115
40 : 3,175,306
45 : 3,196,558
3,197,893
46 : 3,195,243
3,199,229
3,205,593
3,225,461
48 : 3,166,860
3,172,216
3,176,414
3,176,415
3,177,595
3,187,445
3,188,754
3,190,014
3,199,230
3,203,116
3,209,471
3,212,203
3,216,132
3,224,116
49 : 3,191,319
53 : 3,191,320
3,205,594
60 : 3,181,253
62 : 3,163,943
63 : 3,178,834
66 : RE.25,822
73 : 3,210,865
74 : 3,199,231
3,210,866

Class 36

1 : 3,174,234
3,175,307
2.5 : 3,165,841
.5 : 3,169,325
.5 : 3,169,326
.5 : 3,170,248
.5 : 3,170,249
.5 : 3,190,015
.5 : 3,190,016
.5 : 3,191,321
.5 : 3,192,651
.5 : 3,193,948
.5 : 3,195,244
.5 : 3,196,559
.5 : 3,199,232
.5 : 3,204,346
.5 : 3,204,347
.5 : 3,213,551

2.5 : 3,218,734
.5 : 3,221,421
.5 : 3,224,117
.5 : 3,225,462
3 : 3,180,039
3,205,595
3,225,463
7.1 : 3,176,416
.1 : 3,177,596
.3 : 3,195,245
.5 : 3,201,876
.6 : 3,182,407
.8 : 3,205,596
8.3 : 3,204,348
9 : 3,221,422
14 : 3,175,308
19.5 : 3,177,597
24.5 : 3,199,233
28 : 3,172,217
30 : 3,177,598
32 : 3,175,309
34 : 3,169,327
3,178,835
3,182,408
3,184,865
3,186,112
3,196,560
3,200,518
3,216,133
3,218,735
3,218,736
3,225,464
3,225,465
35 : 3,196,561
3,217,429
3,220,123
36 : 3,171,218
3,174,235
3,176,417
3,201,877
38 : 3,214,849
39 : 3,164,912
3,169,328
3,181,254
3,208,163
3,222,801
42 : 3,182,409
3,188,755
3,192,652
3,193,949
3,225,466
43 : 3,186,113
44 : 3,170,250
50 : 3,193,950
3,208,164
3,218,737
3,224,118
59 : 3,170,251
62 : 3,214,850
67 : 3,195,246
68 : 3,170,252
3,174,236
69 : 3,203,117
70 : 3,187,446
72 : 3,175,292
3,175,310
3,175,311
3,178,836
3,206,874
3,217,430
78 : 3,170,253
3,204,349
3,204,350
3,204,351

Class 37

2 : 3,163,944
3,163,945
3,193,951
3,195,247
3,210,867
4 : 3,175,312
8 : 3,170,254
3,191,322
3,208,165
3,210,868
3,210,869
9 : 3,224,119
3,224,120
13 : 3,178,837
42 : 3,165,842
3,175,313
3,199,234
3,201,878
3,208,166
3,217,431
43 : 3,164,913
3,181,255
3,199,235
3,200,519
3,208,167
3,213,552
3,222,802

53 : 3,203,118
3,218,738
55 : 3,184,866
56 : 3,171,219
3,218,739
58 : 3,224,121
59 : 3,180,040
66 : 3,171,220
67 : 3,206,875
72 : 3,217,432
78 : 3,187,447
80 : 3,209,472
81 : RE.25,806
86 : 3,178,838
3,206,876
3,209,473
90 : 3,196,562
3,203,119
3,206,877
91 : 3,206,878
92 : 3,168,785
97 : 3,208,168
98 : 3,206,879
103 : 3,184,867
104 : 3,222,803
115 : 3,196,563
116 : 3,178,839
117.5 : 3,181,256
.5 : 3,209,474
.5 : 3,209,475
.5 : 3,217,433
.5 : 3,218,740
124 : 3,195,248
125 : 3,210,870
126 : 3,184,868
3,221,423
127 : 3,183,609
129 : 3,163,946
3,177,599
3,190,017
3,200,520
3,206,880
3,221,424
135 : 3,181,257
141 : 3,192,653
142 : 3,175,314
3,188,756
3,191,323
3,197,894
3,225,467
143 : 3,190,018
3,195,249
3,197,895
3,221,425
144 : 3,175,315
3,181,258
3,184,869
3,187,448
3,199,236
3,204,352
3,213,553
3,222,804
145 : 3,195,250
3,213,554
147 : 3,164,914
153 : 3,172,218
155 : 3,203,120
156 : 3,164,915
3,191,324
179 : 3,182,410
180 : 3,210,871
190 : 3,195,251
191 : 3,225,468

Class 38

2 : 3,172,219
7 : 3,204,353
14 : 3,197,896
15 : 3,166,861
3,193,952
30 : 3,180,041
40 : 3,201,879
41 : 3,197,897
3,216,134
49 : 3,170,255
55 : 3,171,221
56 : 3,170,256
3,191,325
3,193,953
59 : 3,168,786
3,184,870
61 : 3,208,169
66 : 3,181,259
3,221,426
77 : 3,165,843
3,165,844
3,170,257
3,175,316
3,182,411
3,183,610
3,183,611
3,184,871
3,188,757

Class 38—Con.

77 : 3,192,654
3,193,954
3,201,880
3,203,121
3,218,741
3,218,742
3,224,122
78 : 3,188,758
79 : 3,200,521
102.1 : 3,182,412
104 : 3,203,122
106 : 3,174,237
108 : 3,217,434
135 : 3,165,845
3,167,872
3,178,840
137 : 3,206,881
141 : 3,214,851
143 : 3,174,238

Class 39

3 : 3,169,329
5 : 3,170,258
24 : 3,213,555
25 : 3,163,947
31 : 3,199,237
76 : 3,220,124
82 : 3,188,759
84 : 3,193,955
3,222,805
3,222,806

Class 40

1.5 : 3,183,612
.5 : 3,192,655
.5 : 3,193,956
.5 : 3,212,204
.5 : 3,216,135
2 : 3,175,317
3,197,898
3,221,427
3,224,123
.2 : 3,164,916
.2 : 3,204,354
.2 : 3,221,428
10 : 3,178,841
3,178,842
3,180,042
3,182,413
3,183,613
3,186,114
3,187,449
3,204,355
3,204,356
3,208,170
3,213,556
3,214,853
3,216,136
3,221,429
16 : 3,174,239
3,204,357
3,220,125
19.5 : 3,175,318
21 : 3,187,450
3,197,899
3,214,852
23 : 3,164,917
3,169,330
3,174,240
3,196,564
3,205,597
3,221,430
3,225,469
28 : 3,186,115
3,225,470
.3 : 3,220,126
30 : 3,163,948
3,224,124
32 : 3,187,451
3,216,137
3,224,125
33 : 3,210,872
35 : 3,217,435
36 : 3,195,252
3,216,138
3,222,807
3,225,471
37 : 3,180,043
39 : 3,172,220
42 : 3,180,044
3,204,358
52 : 3,192,656
53 : 3,172,221
62 : 3,199,238
63 : 3,170,259
3,188,760
3,224,126
65 : 3,168,787
3,191,326
68 : 3,169,331
70 : 3,209,476
72 : 3,218,743
76 : 3,199,239
77 : 3,178,843
3,190,019
3,193,957
3,200,522
3,201,881
78 : 3,197,900
3,197,901
3,203,123
3,212,205
3,216,139
79 : 3,171,222
3,192,657
3,196,565
3,218,744
82 : 3,218,745
83 : 3,190,020
86 : 3,190,021
3,209,477
3,224,127
95 : 3,174,241
96 : 3,201,882
3,224,128
102 : 3,171,223
3,220,127
104 : 3,165,846
3,174,242
3,192,658
3,220,128
106.1 : 3,169,332
.1 : 3,200,523
.1 : 3,201,883
.1 : 3,217,436
.1 : 3,221,431
.3 : 3,186,116
.3 : 3,196,566
.3 : 3,214,854
.31 : 3,213,566
.41 : 3,225,472
.52 : 3,205,598
.53 : 3,184,872
109 : 3,166,862
3,201,884
3,209,478
113 : 3,190,022
114 : 3,180,045
119 : 3,195,253
120 : 3,208,171
3,210,873
3,210,874
124 : 3,167,873
3,170,260
3,195,254
3,208,172
3,225,473
.1 : 3,181,260
.1 : 3,191,327
.1 : 3,191,328
.1 : 3,195,255
.1 : 3,203,124
.1 : 3,203,125
.1 : 3,225,474
125 : 3,165,847
3,176,418
3,176,419
3,182,414
3,193,958
3,217,437
128 : 3,220,129
129 : 3,173,219
3,200,524
3,208,173
.210,875
3,224,129
3,225,475
130 : 3,163,949
3,164,918
3,182,415
3,188,761
3,197,902
3,197,903
3,197,904
3,200,525
3,208,174
3,210,876
3,220,130
3,221,432
3,225,476
131 : 3,203,126
135 : 3,176,420
138 : 3,166,863
3,181,261
3,206,882
139 : 3,174,243
3,213,557
140 : 3,173,220
142 : 3,225,477
145 : 3,167,874
3,218,746
152 : 3,200,526
3,200,527
3,203,127
152 : 3,205,599
3,220,131
.1 : 3,186,117
.1 : 3,218,747
.1 : 3,220,132
.2 : 3,205,600
154 : 3,186,118
3,214,855
156 : 3,195,256
3,205,601
158 : 3,165,848
3,174,244
3,177,600
3,178,844
3,184,873
3,188,762
3,195,257
3,195,258
3,197,905
3,212,206
3,224,130
159 : 3,217,438
3,220,133
202 : 3,187,452
209 : 3,206,883
300 : 3,205,602
301 : 3,184,874
3,214,856
307 : 3,204,359
308 : 3,218,748
310 : 3,196,567
312 : 3,183,614
3,205,603
316 : 3,212,207
325 : 3,187,453
330 : 3,201,885
3,204,360
3,209,479
3,225,478
331 : 3,217,439
332 : 3,225,479
334 : Re.25,813
3,191,329
335 : 3,220,134

Class 42

1 : 3,167,875
3,168,788
3,171,224
3,174,245
3,174,246
3,176,421
3,182,416
3,186,119
3,191,330
3,193,959
3,208,175
3,210,877
3,214,857
7 : 3,167,876
8 : 3,193,960
3,217,440
11 : 3,183,615
16 : 3,166,864
3,188,763
3,191,331
17 : 3,165,849
3,171,225
3,178,845
3,201,886
3,210,878
3,213,558
18 : 3,177,601
3,190,023
3,196,568
21 : 3,172,222
25 : 3,216,140
34 : 3,165,850
42 : 3,165,851
3,193,961
44 : 3,222,808
49 : 3,163,950
3,165,852
50 : 3,180,046
3,191,332
3,204,361
3,205,604
58 : 3,225,480
59 : 3,170,261
3,176,422
3,191,333
62 : 3,177,602
3,221,433
65 : 3,163,951
3,173,221
3,176,423
66 : 3,208,176
67 : 3,187,454
69 : 3,167,877
3,169,333
3,183,616
3,184,875
3,188,764
69 : 3,191,334
3,197,906
3,203,128
3,206,884
3,210,879
70 : 3,164,919
3,184,876
3,195,259
3,199,240
3,208,177
3,209,480
3,220,135
3,222,809
71 : 3,164,920
3,208,178
3,209,481
3,225,481
72 : 3,184,877
3,201,887
74 : 3,176,424
3,208,179
3,208,180
3,209,482
75 : 3,163,952
3,177,603
3,183,617
3,183,618
3,206,885
76 : 3,171,226
3,203,129
3,212,208
77 : 3,196,569
3,217,441
78 : 3,187,455
79 : 3,163,953
3,166,865
3,181,262
84 : 3,208,181
87 : 3,222,810
89 : 3,182,417
3,197,907
3,203,130
3,213,559
3,225,482
94 : 3,200,528

Class 43

1 : 3,200,529
2 : 3,172,223
3,186,120
4 : 3,164,067
3,184,878
3,193,962
3,201,888
.5 : 3,175,319
6 : 3,210,880
3,216,141
7 : 3,165,853
3,213,560
8 : 3,181,263
9 : Re.25,748
3,169,334
3,188,765
3,188,766
3,190,024
3,190,025
3,195,260
3,195,261
3,201,889
3,205,605
3,220,136
3,220,137
3,225,483
12 : 3,167,878
3,224,131
15 : 3,169,335
3,170,262
3,172,224
3,174,247
3,182,418
3,192,659
3,205,606
3,220,138
16 : 3,200,530
17 : 3,163,954
3,175,320
3,187,456
3,188,767
3,190,026
3,196,570
3,199,241
3,213,561
3,216,142
.1 : 3,165,854
.1 : 3,180,047
.1 : 3,225,484
.2 : 3,163,955
.2 : 3,172,225
.2 : 3,176,425
.2 : 3,178,846
.2 : 3,183,619
.2 : 3,186,121
.2 : 3,191,335
17.2 : 3,216,143
.2 : 3,224,132
.5 : 3,177,604
.5 : 3,213,562
18 : 3,186,122
3,216,144
3,222,811
19 : 3,165,855
3,172,226
3,217,442
.2 : 3,168,789
20 : 3,171,227
3,196,571
21.2 : 3,216,145
22 : 3,175,321
3,175,323
3,181,264
3,196,572
3,197,908
3,213,563
24 : 3,164,921
3,165,856
3,171,228
3,171,229
3,210,881
3,222,812
25 : 3,180,048
3,199,242
3,222,813
.2 : 3,190,027
26 : 3,199,243
3,204,362
.1 : 3,203,131
27.4 : 3,201,890
34 : 3,201,891
35 : 3,163,956
3,196,573
3,218,749
36 : 3,175,322
3,205,607
3,222,814
41.2 : 3,163,957
.2 : 3,178,847
.2 : 3,190,028
.2 : 3,195,263
.2 : 3,200,531
.2 : 3,208,182
.2 : 3,214,858
42.02 : 3,220,139
.02 : 3,221,434
.03 : 3,175,324
.03 : 3,180,050
.03 : 3,196,574
.04 : 3,170,263
.04 : 3,224,133
.06 : 3,163,958
.06 : 3,178,848
.06 : 3,187,457
.06 : 3,221,435
.09 : 3,169,337
.09 : 3,172,227
.09 : 3,174,248
.09 : 3,205,609
.1 : 3,186,123
.1 : 3,199,244
.15 : 3,165,857
.16 : 3,192,660
.17 : 3,221,436
.23 : 3,205,608
.24 : 3,191,336
.24 : 3,203,132
.28 : 3,169,336
.28 : 3,177,605
.28 : 3,212,209
.28 : 3,218,750
.3 : 3,180,049
.33 : 3,210,882
.37 : 3,197,909
.39 : 3,175,325
.39 : 3,193,963
.51 : 3,197,910
.51 : 3,217,443
.53 : 3,165,858
.7 : 3,181,265
.74 : 3,183,620
.74 : 3,184,879
.74 : 3,190,029
43.11 : 3,168,790
.11 : 3,169,339
.11 : 3,201,892
.11 : 3,216,146
.11 : 3,218,751
.12 : 3,177,606
.12 : 3,180,051
.12 : 3,180,052
.12 : 3,193,964
.12 : 3,195,262
.12 : 3,210,883
.13 : 3,174,249
.13 : 3,181,266
.13 : 3,216,147
.14 : 3,204,363
.15 : 3,164,922
.16 : 3,214,859
43.4 : 3,170,756
.4 : 3,221,437
.6 : 3,169,338
44.2 : 3,197,911
.2 : 3,218,752
.4 : 3,195,965
.4 : 3,197,912
.6 : 3,200,532
.8 : 3,197,913
.82 : 3,209,483
.83 : 3,218,753
.86 : 3,184,880
.87 : 3,196,575
.88 : 3,177,607
.88 : 3,192,661
.9 : 3,203,133
.91 : 3,173,222
.91 : 3,192,662
.91 : 3,197,914
.96 : 3,167,879
.96 : 3,204,364
.98 : 3,169,340
.99 : 3,163,959
54.5 : 3,200,533
55 : 3,181,267
3,182,419
3,193,966
3,199,245
3,216,148
3,220,140
56 : 3,196,576
57 : 3,191,337
3,212,210
3,217,444
.5 : 3,166,866
.5 : 3,172,228
.5 : 3,180,053
.5 : 3,197,915
.5 : 3,213,564
.5 : 3,224,134
61 : 3,174,250
3,177,608
3,190,030
3,200,534
65 : 3,172,229
66 : 3,197,916
67 : 3,225,485
81 : 3,204,365
83.5 : 3,204,366
87 : 3,176,426
90 : 3,206,886
93 : 3,167,880
96 : 3,178,849
100 : 3,176,427
3,203,134
3,209,484
102 : 3,184,881
3,191,338
110 : 3,181,268
112 : 3,177,609
113 : 3,187,458
124 : 3,209,485
3,221,438
129 : 3,200,535
3,214,860
131 : 3,173,223
3,177,610
3,217,445
135 : 3,197,917
137 : 3,191,339
3,203,135
139 : 3,196,577
3,201,893
3,214,861
145 : 3,165,859
3,170,264
148 : 3,174,251
3,195,264
3,209,486
3,212,211

Class 44

2 : 3,181,937
6 : 3,173,769
7 : 3,174,838
3,183,068
3,214,252
3,226,208
23 : 3,184,293
40 : 3,179,505
42 : 3,185,552
51 : 3,203,773
3,210,168
3,212,866
3,220,809
56 : 3,168,385
3,224,848
59 : 3,164,449
62 : 3,166,387
3,184,294
3,186,810
3,210,169
63 : 3,173,770
63 : 3,192,021
3,202,491
3,219,424
3,223,496
66 : 3,179,506
3,205,053
3,218,137
3,222,145
3,226,210
69 : 3,167,410
3,181,938
3,185,553
3,188,187
3,195,992
3,197,292
3,198,611
3,198,612
3,199,964
3,202,492
3,222,146
3,226,209
70 : 3,190,733
3,223,497
3,226,211
71 : 3,183,069
3,183,070
3,190,734
3,192,022
3,198,613
- 3,199,965
3,212,867
3,223,495
72 : 3,167,411
3,207,586
75 : 3,206,290
77 : 3,211,539

Class 46

1 : 3,201,894
2 : 3,218,754
6 : 3,183,621
9 : 3,178,850
10 : 3,225,486
11 : 3,195,265
12 : 3,182,420
14 : 3,187,459
3,205,610
17 : 3,176,428
3,176,429
3,182,421
3,206,887
3,224,135
22 : 3,196,578
3,210,884
3,224,136
25 : 3,177,611
3,184,882
3,196,579
3,220,141
26 : 3,195,266
3,205,611
3,224,137
27 : 3,206,888
28 : 3,168,793
3,199,246
29 : 3,221,439
32 : 3,184,883
3,204,367
37 : 3,191,340
39 : 3,190,031
40 : 3,205,612
43 : 3,195,267
47 : 3,167,881
3,216,149
49 : 3,164,923
51 : 3,178,851
3,184,884
3,186,124
3,200,536
53 : 3,190,032
58 : 3,221,440
61 : 3,175,326
3,184,885
3,201,895
65 : 3,191,341
3,201,896
74 : 3,190,033
3,191,342
75 : 3,172,230
3,188,768
77 : 3,222,815
78 : 3,174,252
3,204,368
3,222,816
79 : 3,181,269
3,187,460
3,221,441
3,224,138
80 : 3,222,817
81 : 3,177,612
82 : 3,220,142
84 : 3,182,422

86 : Re.25,734
3,172,231
3,175,327
3,205,613
3,209,487
3,218,755
88 : 3,204,369
3,210,885
89 : 3,218,756
3,225,488
91 : 3,188,769
3,213,565
95 : 3,193,967
103 : 3,191,343
3,197,918
3,212,212
104 : 3,181,270
3,186,125
111 : 3,165,860
3,190,034
116 : 3,170,265
3,205,614
3,206,889
117 : 3,220,143
118 : 3,169,343
3,172,232
3,177,613
3,184,886
3,186,126
3,200,537
3,210,887
3,224,139
126 : 3,178,852
129 : 3,176,430
3,205,615
132 : 3,169,344
133 : 3,199,247
135 : 3,180,054
3,193,968
3,193,969
3,195,268
3,195,269
3,209,488
3,212,213
139 : 3,168,795
149 : 3,168,794
3,190,035
151 : 3,176,431
3,186,127
154 : 3,183,622
3,221,442
156 : 3,174,253
157 : 3,212,214
163 : 3,210,888
169 : 3,216,150
3,224,140
172 : 3,225,489
174 : 3,221,443
175 : 3,190,036
3,203,136
3,210,889
3,221,444
177 : 3,177,614
180 : 3,212,215
187 : 3,208,183
189 : 3,208,184
200 : 3,183,623
3,225,490
201 : 3,205,616
202 : 3,181,271
3,192,663
3,201,897
3,206,890
3,218,757
204 : 3,221,445
205 : 3,187,461
206 : 3,174,254
3,221,446
208 : 3,209,489
210 : 3,209,490
211 : 3,192,664
218 : 3,205,617
220 : 3,175,328
3,222,818
227 : 3,190,037
3,214,862
228 : 3,165,861
3,191,344
230 : 3,187,462
232 : 3,164,924
3,171,230
3,190,038
3,195,270
3,199,248
3,200,538
3,210,886
235 : 3,206,891
241 : 3,169,345
3,208,185
242 : 3,214,863
3,217,446
3,224,141
243 : 3,188,770
3,196,580

243 : 3,209,491
3,224,142
244 : 3,172,233
3,181,272
3,201,898
3,201,899
3,205,618
245 : 3,214,864
3,225,491
247 : 3,163,960
3,178,853
3,199,249

Class 47

1 : 3,168,796
3,175,329
3,200,539
.1 : 3,177,615
.2 : 3,172,234
.2 : 3,177,616
.2 : 3,184,887
.2 : 3,199,250
.4 : 3,172,235
.4 : 3,195,271
.4 : 3,218,758
.4 : 3,224,143
.44 : 3,164,927
.5 : 3,184,888
.5 : 3,212,216
2 : 3,166,867
3,171,231
9 : 3,164,925
3,165,862
3,184,889
3,205,619
11 : 3,178,854
16 : 3,209,492
26 : 3,181,273
29 : 3,206,892
3,214,865
30 : 3,218,759
34 : 3,187,463
35 : 3,224,144
37 : 3,180,055
3,184,890
3,195,272
38 : 3,168,797
.1 : 3,192,665
.1 : 3,193,970
.1 : 3,220,144
.1 : 3,222,819
.1 : 3,224,145
41.1 : 3,190,039
.11 : 3,177,617
.11 : 3,183,624
.12 : 3,201,900
43 : 3,166,868
45 : 3,174,255
46 : 3,197,919
47 : 3,165,863
3,166,869
3,188,771
52 : 3,204,370
58 : 3,164,926
3,178,855
3,180,056
3,184,891
3,192,666
3,195,273
3,214,866

Class 48

63 : 3,226,212
106 : 3,164,450
174 : 3,167,412
180 : 3,164,451
184 : 3,184,295
195 : 3,169,839
197 : 3,194,644
3,222,147
3,226,213
206 : 3,197,293
3,224,849
212 : 3,168,386
3,210,170
213 : 3,178,272
214 : 3,201,214
215 : 3,201,215

Class 50

4 : 3,173,224
8 : 3,169,346
22 : 3,192,667
24 : 3,181,274
39 : 3,201,906
43 : 3,172,236
47 : 3,168,798
48 : 3,166,870
49 : 3,195,274
51 : 3,195,275
52 : 3,184,892

52 : 3,186,128
3,192,668
3,192,669
55 : 3,195,276
61 : 3,164,928
3,173,225
3,173,226
64 : 3,177,618
66 : 3,169,347
3,170,266
3,181,275
3,187,464
3,188,772
67 : 3,192,670
70 : 3,182,423
71 : 3,172,237
78 : 3,170,267
80 : 3,182,424
82 : 3,181,276
3,196,581
83 : 3,190,040
101 : 3,163,961
103 : 3,166,871
127 : 3,173,227
3,181,277
3,187,465
128 : 3,167,882
3,195,277
144 : 3,196,582
146 : 3,188,773
157 : 3,183,625
162 : 3,180,057
165 : 3,175,330
173 : 3,170,268
185 : 3,190,041
186 : 3,170,269
3,176,432
194 : 3,180,058
200 : 3,164,929
205 : 3,173,228
3,183,626
214 : 3,166,872
3,174,256
221 : 3,188,774
233 : 3,193,971
247 : 3,173,229
267 : 3,186,129
290 : 3,177,619
293 : 3,178,856
302 : 3,177,620
307 : 3,193,972
313 : 3,170,270
346 : 3,183,627
360 : 3,186,131
368 : 3,192,671
370 : 3,186,130
373 : 3,166,873
404 : 3,176,433
405 : 3,180,059
416 : 3,192,672
418 : 3,181,278
450 : 3,180,060
464 : 3,165,864
472 : 3,195,278
474 : 3,196,583
481 : 3,171,232
3,172,238
492 : 3,183,628
507 : 3,172,239
519 : 3,191,345
522 : 3,187,466
531 : 3,167,883
3,193,973
532 : 3,184,893
536 : 3,193,974
538 : 3,177,621

Class 51

2 : 3,177,622
3 : 3,164,930
3,167,884
3,171,233
3,172,240
3,213,567
3,225,492
4 : 3,222,820
7 : 3,213,568
8 : 3,182,425
3,193,975
3,205,620
3,212,217
9 : 3,163,962
3,169,348
3,191,346
3,197,920
3,217,447
11 : 3,163,963
3,186,132
12 : 3,201,901
14 : 3,214,867
15 : 3,167,885
3,190,042
26 : 3,167,886

33 : 3,178,857
3,178,858
34 : 3,187,467
3,192,673
37 : 3,190,043
45 : 3,178,859
49 : 3,187,468
50 : 3,192,674
3,203,137
3,218,760
52 : 3,169,349
55 : 3,167,887
58 : 3,187,469
3,203,138
59 : 3,167,888
67 : 3,169,350
73 : 3,200,540
76 : 3,208,187
87 : 3,166,874
3,218,761
89 : 3,187,470
90 : 3,181,279
3,224,146
92 : 3,222,821
94 : 3,209,493
95 : 3,182,426
96 : 3,216,151
98 : 3,164,931
3,205,621
3,221,447
99 : 3,174,257
101 : 3,210,890
103 : Re.25,720
3,169,351
3,197,921
3,209,494
3,220,145
105 : 3,171,234
3,176,434
3,177,623
3,182,427
3,186,133
110 : 3,177,624
111 : 3,173,230
112 : 3,177,625
3,200,541
3,216,152
118 : 3,182,428
120 : 3,172,241
3,205,622
124 : 3,190,044
125 : 3,163,964
3,170,271
134 : 3,225,493
.5 : 3,182,429
135 : 3,183,629
137 : 3,180,061
138 : 3,176,435
3,178,860
139 : 3,220,146
140 : 3,169,352
3,203,139
141 : 3,167,889
3,170,272
3,187,471
3,188,775
3,221,448
144 : 3,222,822
148 : 3,209,495
3,209,496
156 : 3,163,965
160 : 3,213,569
163 : 3,163,966
3,163,967
3,171,235
3,183,630
3,191,347
3,191,348
3,197,922
3,209,497
3,210,891
3,220,147
164 : 3,167,890
3,177,626
3,195,279
165 : Re.25,794
3,167,891
3,178,861
3,183,631
3,192,675
3,193,976
3,209,498
3,222,823
3,222,824
166 : 3,180,062
168 : 3,167,892
3,204,371
3,210,892
170 : 3,164,932
3,176,436
3,180,063
3,181,280
3,197,923
3,199,251

170 : 3,210,893
3,214,868
174 : 3,187,472
3,212,218
178 : 3,205,623
204 : 3,180,064
3,195,280
206 : 3,183,632
3,183,633
3,196,584
3,196,585
3,199,252
3,201,902
3,203,140
3,205,624
3,206,893
3,220,148
209 : 3,164,933
3,171,236
3,171,237
3,181,281
3,190,045
3,216,153
215 : 3,222,825
216 : 3,166,875
3,192,676
217 : 3,181,282
218 : 3,181,283
219 : 3,169,353
3,197,924
220 : 3,183,634
3,225,494
225 : 3,190,046
233 : 3,195,281
236 : 3,197,925
237 : 3,176,439
3,199,253
239 : 3,172,242
240 : 3,175,332
241 : 3,183,635
3,183,636
3,184,894
3,191,349
245 : 3,218,762
251 : 3,165,865
257 : 3,175,333
262 : 3,167,893
3,177,627
3,200,542
268 : 3,167,894
273 : 3,178,862
3,214,869
281 : 3,170,273
3,172,243
3,176,440
3,214,870
3,218,763
3,220,149
3,224,147
283 : 3,176,441
3,177,628
3,186,134
3,190,047
3,216,154
3,218,764
284 : 3,183,637
3,205,625
3,210,894
3,218,765
288 : 3,201,903
289 : 3,165,866
293 : 3,178,273
3,197,294
3,203,774
3,208,836
3,208,837
3,208,838
3,212,868
3,220,810
295 : 3,168,387
3,177,055
296 : 3,166,388
3,177,056
297 : 3,171,724
3,214,253
298 : 3,175,894
3,183,071
3,195,993
3,205,054
3,212,869
3,224,850
3,226,214
307 : 3,203,775
309 : 3,181,939
3,199,254
3,222,148
313 : 3,187,473
3,187,474
316 : 3,214,871
319 : 3,225,495
320 : 3,188,776
321 : 3,192,677
326 : 3,199,255
328 : 3,224,148

334 : 3,165,867
336 : 3,191,350
3,206,894
337 : 3,188,777
3,200,543
3,212,219
346 : 3,195,282
347 : 3,216,155
355 : 3,225,496
356 : 3,187,475
358 : 3,191,351
3,201,904
3,201,905
3,222,826
3,225,497
373 : 3,178,863
3,221,449
375 : 3,166,876
378 : 3,166,877
384 : 3,176,438
386 : 3,183,638
3,224,149
389 : 3,174,258
390 : 3,192,678
391 : 3,173,231
392 : 3,168,799
393 : 3,175,334
394 : 3,163,968
3,186,135
3,196,586
397 : 3,193,977
400 : 3,175,331
402 : 3,192,679
407 : 3,176,437

Class 52

1 : 3,203,141
2 : 3,224,150
6 : 3,210,895
3,217,366
8 : 3,213,570
9 : 3,222,827
10 : 3,221,450
11 : 3,222,828
15 : 3,206,895
22 : 3,210,896
24 : 3,206,896
27 : 3,200,544
3,203,142
3,225,498
36 : 3,217,448
39 : 3,197,926
64 : 3,203,143
66 : 3,200,545
3,213,571
71 : 3,206,897
73 : 3,201,907
3,213,572
74 : 3,206,898
80 : 3,204,372
3,206,899
3,212,220
3,221,451
81 : 3,197,927
3,203,144
82 : 3,214,872
90 : 3,204,373
3,224,151
92 : 3,222,829
93 : 3,212,221
94 : 3,200,546
3,204,374
3,204,375
3,209,499
3,216,156
95 : 3,199,256
3,221,452
98 : 3,222,830
99 : 3,222,831
103 : 3,205,626
108 : 3,213,573
115 : 3,205,627
121 : 3,213,574
122 : Re.25,827
3,213,575
3,216,157
125 : 3,204,376
127 : 3,204,377
3,225,500
128 : 3,206,900
134 : 3,213,576
138 : 3,208,188
140 : 3,208,186
143 : 3,217,449
155 : 3,216,158
156 : 3,210,897
157 : 3,197,928
158 : 3,216,159
173 : 3,213,577
3,213,578
187 : 3,213,579
189 : 3,216,160
192 : 3,214,800

200 : 3,216,161
207 : 3,222,832
209 : 3,221,453
211 : 3,222,833
213 : 3,217,450
215 : 3,214,873
217 : 3,224,152
220 : 3,221,454
221 : 3,204,378
3,222,834
222 : 3,205,628
223 : 3,222,835
224 : 3,217,451
230 : 3,212,222
3,216,162
3,225,499
234 : 3,203,145
235 : 3,206,901
241 : 3,197,929
3,199,257
251 : 3,216,163
255 : 3,201,908
272 : 3,217,452
281 : 3,210,898
3,222,836
282 : 3,199,258
283 : 3,199,259
285 : 3,221,455
287 : 3,201,909
288 : 3,200,547
3,222,837
292 : 3,210,899
3,213,580
298 : 3,198,296
3,225,501
300 : 3,200,548
305 : 3,204,379
309 : 3,204,380
3,204,381
3,209,500
3,209,501
3,216,164
311 : 3,214,874
314 : 3,217,453
319 : 3,213,581
328 : 3,203,146
334 : 3,210,900
349 : 3,204,382
358 : 3,213,582
364 : 3,214,875
376 : 3,200,549
3,221,461
377 : 3,200,550
3,216,165
3,218,766
378 : 3,197,930
3,210,901
381 : 3,218,767
390 : 3,208,190
393 : 3,218,768
394 : 3,209,502
395 : 3,213,583
396 : 3,205,629
398 : 3,217,454
400 : 3,213,584
3,218,769
3,221,456
403 : 3,222,838
404 : 3,204,383
3,209,503
3,217,455
417 : 3,210,902
423 : 3,217,456
428 : 3,217,457
438 : 3,221,457
3,221,458
455 : 3,197,931
456 : 3,213,585
461 : 3,203,147
3,225,502
473 : 3,218,770
474 : 3,197,932
476 : 3,199,260
3,205,630
478 : 3,212,223
479 : 3,209,504
3,218,771
483 : 3,205,631
485 : 3,203,148
486 : 3,212,224
489 : 3,209,505
495 : 3,224,153
497 : 3,225,503
498 : 3,222,839
499 : 3,214,888
500 : 3,212,225
508 : 3,218,772
509 : 3,225,504
511 : 3,200,551
3,216,166
520 : 3,209,506
3,214,876
3,224,154
521 : 3,218,773

Class 52 – Con.

534 : 3,208,189
538 : 3,197,933
3,220,150
561 : 3,222,840
572 : 3,220,151
579 : 3,214,889
581 : 3,213,586
585 : 3,206,902
588 : 3,205,632
589 : 3,209,507
591 : 3,205,633
593 : 3,200,552
3,203,149
3,224,155
595 : 3,197,934
3,200,553
602 : 3,218,774
606 : 3,221,459
612 : 3,216,167
3,217,458
615 : 3,199,261
3,225,505
616 : 3,221,460
632 : 3,209,508
3,216,168
3,221,462
644 : 3,214,877
645 : 3,221,463
648 : 3,206,903
3,220,152
655 : 3,221,464
656 : 3,216,169
3,221,465
660 : 3,224,156
664 : 3,203,150
688 : 3,209,509
690 : 3,221,467
701 : 3,225,506
704 : 3,205,634
716 : 3,201,910
717 : 3,214,878
718 : 3,197,935
3,208,119
720 : 3,214,879
726 : 3,221,466
727 : 3,200,554
729 : 3,203,151
731 : 3,206,904
3,216,170
3,217,459
3,222,841
735 : 3,217,460
741 : 3,216,171
742 : 3,222,842
743 : 3,206,905
744 : 3,209,510
745 : 3,210,903
3,218,775
3,226,727

Class 53

3 : 3,186,136
3,206,906
3,209,511
3,217,461
12 : 3,188,778
14 : 3,163,969
3,193,978
3,221,468
3,225,507
19 : 3,163,970
21 : 3,188,779
3,195,283
3,224,157
22 : 3,178,864
3,191,352
3,204,384
3,216,172
3,220,153
3,224,158
3,225,508
23 : 3,180,065
3,213,587
3,214,880
24 : 3,186,137
3,212,226
25 : 3,188,780
3,196,587
26 : 3,190,048
27 : 3,192,680
3,193,979
3,204,385
3,206,907
3,208,191
3,222,843
28 : 3,163,971
3,184,895
3,187,476
3,221,469
29 : 3,182,430
3,187,480
29 : 3,190,049
3,197,936
3,213,588
3,224,159
3,225,509
30 : 3,166,878
3,171,238
3,187,477
3,187,478
3,190,050
3,192,681
3,195,284
3,208,192
3,217,462
3,218,776
32 : 3,182,431
3,187,479
3,192,682
3,196,588
3,222,844
33 : 3,200,555
35 : 3,165,868
3,167,895
3,167,896
3,210,904
3,212,227
3,220,154
36 : 3,201,911
37 : 3,186,138
3,206,908
38 : 3,200,556
39 : 3,190,051
3,195,285
3,195,286
3,200,557
3,206,909
42 : 3,178,865
3,214,881
3,214,882
48 : 3,166,879
3,174,259
3,176,442
3,191,353
3,196,589
3,197,937
3,203,152
3,203,153
3,204,386
3,218,777
3,220,155
3,221,470
3,225,510
51 : Re.25,736
52 : 3,180,066
55 : 3,193,980
3,213,589
3,224,160
58 : 3,175,335
3,175,336
60 : 3,216,173
61 : 3,169,354
3,201,912
3,209,512
62 : 3,165,869
3,190,052
65 : 3,193,981
66 : 3,199,262
67 : 3,190,053
75 : 3,183,639
3,203,154
76 : 3,200,558
77 : 3,220,156
78 : 3,183,640
3,200,559
3,221,471
80 : 3,216,174
86 : 3,172,244
3,200,560
3,220,157
88 : 3,169,355
3,204,387
3,212,228
96 : 3,191,354
112 : 3,164,934
3,182,432
3,193,982
3,196,590
3,208,193
3,210,905
113 : 3,225,511
117 : 3,193,983
122 : 3,206,910
124 : 3,175,337
3,186,139
3,186,140
3,218,778
131 : 3,190,054
3,210,906
134 : 3,191,355
3,192,683
135 : 3,187,481
3,197,938
3,218,779
137 : 3,173,232
137 : 3,195,287
3,196,591
3,206,911
3,206,912
138 : 3,163,972
139 : 3,167,897
140 : 3,178,866
3,195,288
3,196,592
3,196,593
148 : 3,180,067
3,205,635
154 : 3,171,239
159 : Re.25,852
3,225,512
160 : 3,225,513
164 : 3,218,780
3,220,158
166 : 3,169,356
167 : 3,180,068
178 : 3,164,935
180 : Re.25,839
3,164,936
3,184,896
3,188,781
3,192,684
3,192,685
3,197,939
3,210,907
182 : 3,172,245
3,173,233
3,191,356
3,195,289
3,195,290
3,201,913
3,209,513
3,210,908
3,212,229
3,214,883
3,214,884
3,221,474
183 : 3,182,433
3,199,263
184 : 3,186,141
3,200,561
3,200,562
3,221,472
186 : 3,216,175
3,217,463
3,220,159
187 : 3,201,914
3,217,464
189 : 3,165,870
3,174,260
3,206,913
190 : 3,183,641
3,208,194
3,225,514
3,225,515
191 : 3,214,885
3,216,176
198 : 3,172,246
3,177,629
209 : 3,180,069
226 : 3,170,274
228 : 3,212,230
3,224,161
229 : 3,164,937
3,188,782
230 : 3,209,514
233 : 3,220,160
236 : 3,187,482
3,196,594
240 : 3,177,630
3,191,357
3,191,358
245 : 3,222,845
247 : 3,165,871
3,209,515
3,224,162
248 : 3,178,867
251 : 3,183,642
254 : 3,180,070
3,206,914
3,213,590
256 : 3,210,909
260 : 3,199,264
261 : 3,183,643
266 : 3,222,846
282 : 3,190,055
3,191,359
304 : 3,214,886
307 : 3,212,231
316 : 3,214,887
329 : 3,163,973
3,197,940
3,199,266
3,201,920
3,208,199
3,212,235
3,225,519
3,186,142
3,200,563
3,210,910
3,220,161
373 : 3,221,473
374 : 3,187,483
3,201,915
3,206,915
379 : 3,164,938
3,164,939
3,186,143
3,187,484
3,213,591
380 : 3,200,564
382 : 3,184,898
3,201,916
3,224,165
3,224,166
383 : 3,191,360
387 : 3,208,195
388 : 3,190,056
389 : 3,183,644
3,210,911
390 : 3,175,338
3,176,443
3,220,162
3,220,163
393 : 3,195,291

Class 54

8 : 3,205,636
3,208,196
46 : 3,196,595
3,205,637
71 : 3,174,261
82 : 3,193,984
3,209,516
3,209,517

Class 55

10 : 3,221,475
15 : 3,213,592
16 : 3,172,741
3,172,742
3,184,899
3,208,197
3,208,198
18 : 3,216,177
19 : 3,212,232
20 : 3,183,645
3,186,144
3,188,783
3,205,638
3,206,916
3,217,465
21 : 3,192,686
3,205,639
22 : 3,199,265
23 : 3,212,233
25 : 3,209,518
3,225,516
26 : 3,176,444
28 : 3,177,631
3,221,476
29 : 3,169,840
31 : 3,184,900
3,204,388
3,221,477
3,225,517
32 : 3,182,434
3,195,292
3,205,640
3,213,593
33 : 3,164,452
3,192,687
3,193,985
3,216,178
3,225,518
35 : 3,164,453
3,201,917
3,224,167
36 : 3,169,841
38 : 3,201,918
3,212,234
39 : 3,210,912
40 : 3,214,890
41 : 3,206,917
43 : 3,193,986
44 : 3,191,361
3,209,519
3,217,466
46 : 3,201,919
48 : 3,174,262
3,186,145
3,187,485
3,196,596
3,197,941
3,199,266
3,201,920
3,208,199
3,212,235
3,225,519
51 : 3,183,646
56 : 3,201,921
3,214,891
57 : Re.25,759
58 : 3,176,445
3,212,236
64 : 3,217,467
67 : 3,187,486
3,201,922
3,216,179
3,220,164
3,225,520
3,225,521
68 : 3,164,454
3,208,200
3,214,892
71 : 3,177,632
3,197,942
3,210,913
3,220,165
3,222,847
72 : 3,193,987
74 : 3,175,339
86 : 3,175,340
89 : 3,171,725
90 : 3,165,387
3,210,914
92 : 3,173,771
96 : 3,178,868
3,183,647
3,212,237
3,217,468
100 : 3,177,633
102 : 3,184,901
105 : 3,173,772
3,188,784
111 : 3,216,180
112 : 3,165,388
3,173,773
3,174,263
3,183,648
3,200,565
3,201,923
117 : 3,195,293
118 : 3,173,774
122 : 3,218,781
126 : 3,178,869
3,191,362
131 : 3,222,848
132 : 3,181,284
138 : 3,181,285
139 : 3,192,688
143 : 3,175,341
146 : 3,166,389
148 : 3,203,155
152 : 3,200,566
154 : 3,197,943
159 : 3,195,294
160 : 3,193,988
162 : 3,182,435
3,197,944
163 : 3,181,286
3,222,849
164 : 3,193,989
3,218,782
166 : 3,195,295
3,208,201
169 : 3,213,594
175 : 3,193,990
3,200,567
178 : 3,220,166
179 : 3,183,649
3,206,918
3,210,915
185 : 3,193,991
189 : 3,176,446
191 : 3,200,568
194 : 3,196,597
204 : 3,213,595
3,217,469
208 : 3,200,569
3,212,238
3,213,596
3,224,168
3,224,169
210 : 3,199,267
213 : 3,180,071
214 : 3,172,743
219 : 3,204,389
221 : 3,170,776
223 : 3,203,156
3,225,522
224 : 3,173,775
3,225,523
225 : 3,167,413
227 : 3,200,570
229 : 3,192,689
230 : 3,205,641
236 : 3,177,634
238 : 3,186,146
256 : 3,216,181
3,224,170
257 : 3,181,287
3,191,363
3,191,364
261 : 3,199,268
3,199,269
3,199,270
261 : 3,199,271
3,199,272
263 : 3,172,744
269 : 3,172,745
3,180,072
3,188,785
3,197,945
3,220,167
3,225,524
273 : 3,164,455
3,166,391
274 : 3,172,746
3,177,635
3,224,171
275 : 3,171,726
276 : 3,209,520
3,218,783
279 : 3,176,447
3,176,448
3,217,470
280 : 3,166,392
281 : 3,221,478
290 : 3,212,239
293 : 3,209,521
294 : 3,173,776
3,176,449
296 : 3,167,414
3,221,479
298 : 3,195,296
302 : 3,167,415
303 : 3,224,172
304 : 3,165,389
306 : 3,196,598
313 : 3,190,057
316 : 3,175,342
3,217,471
317 : 3,174,264
318 : 3,199,273
324 : 3,201,924
325 : 3,190,058
3,192,691
336 : 3,216,182
341 : 3,173,777
3,177,636
3,187,487
3,204,390
3,217,472
346 : 3,212,240
3,225,525
358 : 3,166,393
366 : 3,208,202
367 : 3,176,450
3,193,992
.4 : 3,167,899
.4 : 3,169,358
369 : 3,191,365
373 : 3,209,522
374 : 3,186,147
3,204,391
3,209,523
381 : 3,204,392
385 : 3,193,993
386 : 3,199,274
387 : 3,172,747
3,182,436
3,186,148
3,186,149
3,186,150
3,208,203
389 : 3,172,748
391 : 3,201,925
408 : 3,224,173
416 : 3,166,394
418 : 3,224,174
419 : 3,204,393
420 : 3,225,526
422 : 3,220,168
431 : 3,165,390
440 : 3,224,175
442 : 3,204,394
443 : 3,208,204
444 : 3,212,241
449 : 3,169,842
467 : 3,169,843
471 : 3,210,916
472 : 3,208,205
478 : 3,216,183
483 : 3,177,637
486 : 3,201,926
490 : 3,170,777
491 : 3,190,059
3,218,784
493 : 3,187,488
495 : 3,203,157
498 : 3,167,416
3,169,844
499 : 3,187,489
500 : 3,164,456
3,222,850
503 : 3,218,785
504 : 3,201,927
505 : 3,203,158
3,204,395
507 : 3,172,749
3,193,994
510 : 3,212,242
521 : 3,199,275
524 : 3,221,480
527 : 3,197,946

Class 56

1 : 3,165,872
3,165,873
3,175,343
3,178,870
3,191,366
3,197,947
3,203,159
3,218,786
6 : 3,166,880
3,218,787
7 : 3,177,638
3,224,176
11 : 3,171,240
3,196,599
3,222,851
12 : 3,174,265
14 : 3,176,451
16 : 3,187,490
3,213,597
18 : 3,174,266
19 : 3,184,902
3,210,917
20 : 3,187,491
3,213,598
21 : 3,169,357
3,188,786
3,193,995
3,212,243
23 : 3,165,874
3,167,898
3,178,871
3,191,367
3,208,206
3,217,473
3,224,177
24 : 3,165,875
3,175,344
3,190,060
3,203,160
3,210,918
25 : 3,175,345
3,176,452
3,181,288
3,183,650
3,213,599

50 : 3,164,941
3,173,235
3,217,476
3,220,169
3,225,528
98 : 3,201,928
104 : 3,222,852
106 : 3,192,694
119 : 3,173,236
3,210,920
3,214,894
121.46: 3,217,477
126 : 3,184,904
3,212,247
130 : 3,165,876
3,184,905
3,190,062
202 : 3,165,877
3,176,453
3,186,152
3,191,370
3,193,997
3,197,949
3,212,248
3,213,600
3,222,853
209 : 3,165,878
210 : 3,168,800
214 : 3,163,974
221 : 3,208,208
228 : 3,217,478
235 : 3,192,695
3,200,574
3,214,895
241 : 3,174,268
249 : 3,176,454
3,187,492
3,218,789
254 : 3,178,874
3,217,479
255 : 3,190,063
3,197,950
3,197,951
3,220,170
256 : 3,168,801
3,184,906
3,217,480
294 : 3,177,640
3,181,289
3,190,064
3,222,854
295 : 3,176,455
3,183,655
3,184,907
3,191,371
3,203,161
3,208,209
3,214,896
296 : 3,180,073
3,209,525
297 : 3,203,162
303 : 3,173,237
305 : 3,199,279
310 : 3,171,242
3,224,179
311 : 3,212,249
313 : 3,163,975
314 : 3,216,184
327 : 3,176,456
328 : 3,164,942
3,174,269
3,178,875
3,182,437
3,183,656
3,193,998
3,197,952
3,200,575
3,205,644
3,206,919
3,210,921
3,212,250
3,222,855
3,225,529
329 : 3,164,943
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330 : 3,165,879
3,184,908
3,187,493
3,225,530
334 : 3,199,280
336 : 3,165,880
338 : 3,164,944
341 : 3,177,641
3,220,171
345 : 3,209,526
364 : 3,191,372
3,206,920
366 : 3,217,481
370 : 3,221,484
372 : 3,173,238
3,178,876
3,181,290
3,188,789
3,225,531

377 : 3,167,900
3,176,457
3,218,791
3,220,172
384 : 3,222,856
400 : 3,171,243
3,175,347
3,186,153
3,192,696
.04: 3,209,527
.06: 3,221,485
.07: 3,206,921
.12: 3,164,945
.16: 3,193,999
.17: 3,221,486
473.5 : 3,213,601
475 : 3,225,532
504 : 3,191,373
505 : 3,214,897

Class 57

1 : 3,195,298
6 : 3,182,438
3,217,482
9 : 3,187,494
15 : 3,201,929
34 : 3,165,881
3,166,881
3,167,901
3,169,360
3,175,348
3,177,642
3,187,495
3,192,697
3,194,000
3,204,396
3,225,533
35 : 3,182,439
3,222,857
50 : 3,214,898
52 : 3,173,239
53 : 3,164,946
3,175,349
3,176,458
3,204,397
54 : 3,175,350
3,186,154
3,196,600
3,210,922
58.52: 3,172,247
.83: 3,165,882
.83: 3,167,902
.83: 3,192,698
.86: 3,177,643
.89: 3,163,976
.95: 3,210,923
60 : 3,196,601
67 : 3,174,270
73 : 3,172,248
76 : 3,187,496
3,205,645
3,217,483
77.3 : 3,204,398
.3 : 3,206,922
.45: 3,180,074
79 : 3,169,361
84 : 3,163,977
87 : 3,194,001
88 : 3,166,882
3,166,883
3,224,180
98 : 3,203,163
99 : 3,169,362
117 : 3,216,185
119 : 3,172,249
3,205,646
124 : 3,205,647
138 : 3,191,374
139 : 3,205,648
140 : 3,164,947
3,164,948
3,164,949
3,166,884
3,168,802
3,174,271
3,177,644
3,183,657
3,186,155
3,188,790
3,194,002
3,199,281
3,199,282
3,200,576
3,205,649
3,206,923
3,214,899
3,216,186
3,216,187
3,217,484
3,218,792
3,220,173
3,225,534
141 : 3,222,858

144 : 3,199,283
3,201,930
145 : 3,167,903
3,183,658
3,188,791
3,190,065
3,209,528
147 : 3,197,953
148 : 3,181,291
149 : 3,195,299
152 : 3,166,885
3,169,363
153 : 3,201,931
156 : 3,164,950
3,224,181
157 : 3,166,886
3,175,351
3,178,877
3,196,602
3,199,284
3,212,251
3,224,182
160 : 3,164,951
3,164,952
3,178,878
3,222,859
164 : 3,191,375
3,206,924

Class 58

2 : 3,177,645
3,177,646
3,184,909
3,217,485
3,220,174
4 : 3,217,486
5 : 3,205,650
16 : 3,175,352
3,225,535
.5 : 3,192,699
18 : 3,166,887
3,213,603
20 : 3,192,700
21.155 3,200,577
.155 3,220,175
22.7 : 3,167,904
.7 : 3,195,300
.9 : 3,165,883
23 : 3,163,978
3,166,888
3,167,905
3,170,278
3,171,244
3,192,701
3,192,702
3,200,578
3,201,932
3,212,252
3,216,188
3,221,487
3,225,536
24 : 3,205,651
26 : 3,190,066
28 : 3,169,364
3,184,910
3,186,156
3,186,157
3,196,603
3,218,793
3,221,488
3,224,183
35 : 3,167,906
3,188,792
3,213,602
38 : 3,210,924
39.5 : 3,209,529
42.5 : 3,186,158
44 : 3,184,911
50 : 3,164,953
3,194,003
3,196,604
3,224,184
53 : 3,220,176
57 : 3,166,889
.5 : 3,210,925
58 : 3,177,647
3,186,159
59 : 3,208,210
79 : 3,168,803
85.5 : 3,163,979
.5 : 3,177,648
.5 : 3,192,703
.5 : 3,216,189
88 : 3,165,884
3,199,285
90 : 3,164,954
3,178,879
3,188,793
105 : 3,194,004
112 : 3,186,160
115 : 3,218,794
126 : 3,184,912
142 : 3,178,880

142 : 3,194,005
144 : 3,171,245
145 : 3,182,440
3,221,489
149 : 3,174,272
152 : 3,183,659
3,222,860

Class 59

1 : 3,181,292
3,191,376
7 : 3,172,250
3,182,441
3,182,442
3,212,253
13 : 3,221,490
22 : 3,175,353
25 : 3,171,246
35 : 3,222,861
77 : 3,170,279
78.1 : 3,188,794
.1 : 3,192,704
.1 : 3,197,954
79 : 3,173,240
3,190,067
3,194,006
3,204,399
3,208,211
80 : 3,195,301
3,218,795
82 : 3,183,660
3,214,900
86 : 3,205,652
3,224,185
91 : 3,188,795
93 : 3,174,273
95 : 3,178,881

Class 60

1 : 3,174,274
6 : 3,196,605
7 : 3,180,075
3,218,796
10.5 : 3,166,890
.5 : 3,180,076
.5 : 3,182,443
.5 : 3,188,796
.5 : 3,200,579
.5 : 3,208,212
13 : 3,163,984
3,173,241
3,173,242
3,174,275
3,178,882
3,180,077
3,183,661
3,186,161
3,188,797
3,190,068
3,191,377
3,194,007
3,196,606
3,200,580
3,208,213
3,217,487
3,221,491
3,221,492
3,224,186
14 : 3,165,885
3,180,078
3,180,079
3,203,164
18 : 3,203,165
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3,221,509
3,222,877
7 : 3,166,912
3,170,302
9 : 3,183,677
3,194,025
3,203,191
3,224,207
11 : 3,213,631
12 : Re.25,708
3,174,292
3,181,305
3,203,192
3,224,208
13 : 3,180,101
3,182,461
3,188,823
3,192,729
3,196,621
3,203,193
3,210,946
3,210,947
3,210,948
3,214,925
3,216,206
3,217,502
3,222,878
14 : 3,214,926
3,224,209
15 : 3,192,730
17 : 3,192,731
3,192,732
3,197,970
3,210,949
18 : 3,169,845
20 : 3,169,052
21 : 3,208,230
3,210,950
3,212,276
3,224,210
3,225,550
3,225,551
22 : 3,173,778
3,181,306
3,222,879
23 : 3,181,307
3,205,669
3,212,277
3,212,278
3,224,211
26 : 3,186,182
3,218,816
29 : 3,209,548
3,210,951
30 : 3,208,231
39 : 3,174,293
40 : 3,210,952
3,224,212
42 : 3,167,417
3,191,393
3,216,207
45 : 3,168,817
3,175,370
3,176,473
3,177,672
3,178,897
3,192,733
3,196,622
3,201,946
3,214,927
3,216,208
48 : 3,178,898
3,197,971
3,217,503
50 : 3,169,379
3,199,303
51 : 3,174,294
3,216,209
3,225,552
52 : 3,183,678
3,195,316
3,195,317
3,205,670
3,216,210
54 : 3,191,394
3,191,395
3,196,623
3,210,953
3,212,279
3,213,632
3,216,211
3,217,504
55 : 3,163,992
3,182,462
3,197,972
3,201,947
3,206,938
3,206,939
3,212,280
3,220,202
56 : 3,166,913
3,167,927
3,174,295
57 : 3,169,380
3,169,381
58 : 3,170,778
3,170,779
3,171,727
3,177,673
3,178,899
3,180,102
3,182,463
3,183,679
3,204,419
3,205,671
3,205,672
3,212,281
3,212,282
3,212,283
3,213,633
3,217,505
3,218,817
3,218,818
3,220,203
3,222,880
3,222,881
62 : 3,164,966
63 : 3,164,967
3,187,514
3,213,634
3,214,928
64 : 3,170,303

68 : 3,224,213
70 : 3,220,204
71 : 3,196,624
3,196,625
3,205,673
73 : 3,164,968
3,220,205
76 : 3,225,553
77 : 3,208,232
3,209,549
3,213,635
3,225,554
79 : 3,199,304
80 : 3,222,882
81 : 3,224,214
84 : 3,200,603
85 : 3,167,928
3,174,296
3,187,515
3,200,604
3,221,510
86 : 3,188,824
88 : 3,194,026
89 : 3,196,626
93 : 3,210,954
101 : 3,166,914
3,167,929
3,175,371
112 : 3,183,680
114 : 3,203,194
115 : 3,191,396
116 : 3,172,270
117 : 3,210,955
3,212,284
3,214,929
120 : 3,224,215
123 : Re.25,940
3,175,372
3,178,900
3,188,825
3,216,212
125 : 3,191,397
127 : 3,220,206
129 : 3,177,674
3,200,605
3,225,555
135 : Re.25,823
3,180,103
3,182,464
3,183,681
3,199,305
3,206,940
136 : Re.25,859
3,180,104
3,188,826
3,196,627
137 : 3,180,105
3,182,465
3,188,827
3,192,734
3,196,628
3,208,233
3,216,213
3,217,506
138 : 3,163,993
3,165,901
3,187,516
3,191,398
3,220,207
139 : 3,178,901
140 : 3,188,828
3,220,208
3,224,216
141 : 3,225,556
148 : 3,177,675
3,195,318
3,220,209
155 : 3,164,969
3,170,304
3,170,305
3,184,926
3,190,079
3,218,819
156 : 3,164,970
3,174,297
3,203,195
3,209,550
3,214,930
3,225,557
158 : 3,199,306
160 : 3,171,262
3,188,829
3,191,399
3,204,420
3,209,551
3,214,931
165 : 3,170,306
3,217,507
167 : 3,225,558
168 : 3,172,271
170 : 3,216,214
3,220,210
171 : 3,165,902
172 : 3,177,676
3,208,234
3,209,552
3,221,511
3,222,883
173 : 3,165,903
3,203,196
174 : 3,214,932
176 : 3,200,606
177 : 3,180,106
180 : 3,194,027
3,194,028
3,205,674
3,225,559
183 : 3,186,183
3,196,629
185 : 3,216,215
186 : 3,204,421
3,210,956
3,212,285
188 : 3,165,904
3,170,307
3,214,933
190 : 3,167,930
192 : 3,201,949
3,204,422
196 : 3,195,319
197 : 3,196,630
3,201,950
202 : 3,205,675
204 : 3,171,263
3,216,216
209 : 3,171,264
3,180,107
211 : 3,174,298
215 : 3,204,423
216 : 3,174,299
217 : 3,166,915
3,220,211
218 : 3,163,994
219 : 3,165,905
221 : 3,224,217
222 : 3,180,108
3,192,735
226 : 3,205,676
227 : 3,206,941
3,208,235
233 : 3,217,508
234 : Re.25,735
236 : Re.25,782
3,177,677
3,225,560
237 : 3,166,916
3,178,902
238 : 3,181,308
3,192,736
3,196,631
239 : 3,191,400
3,218,820
3,224,218
241 : 3,163,995
3,164,971
3,199,307
243 : 3,186,184
244 : 3,173,274
3,173,275
3,218,821
255 : 3,180,109
3,186,185
3,210,957
256 : 3,168,818
3,182,466
3,182,467
3,218,822
259 : 3,169,382
3,174,300
3,188,830
3,190,080
3,212,286
3,214,934
262 : 3,208,236
3,213,636
3,225,561
263 : 3,186,186
3,225,562
268 : 3,165,906
3,168,819
3,175,373
3,197,973
272 : 3,177,678
3,201,951
273 : 3,167,931
274 : 3,200,607
276 : 3,163,996
3,195,320
3,212,287
277 : 3,203,197
3,206,942
3,225,563
278 : 3,163,997
3,163,998
3,195,321
3,213,637
278 : 3,218,823
3,224,219
279 : 3,200,608
280 : 3,176,474
3,191,401
3,200,609
3,213,638
281 : 3,196,632
3,213,639
3,221,512
283 : 3,168,820
3,209,553
288 : 3,188,831
3,220,212
289 : 3,216,217
290 : 3,212,288
291 : 3,174,301
293 : 3,190,081
298 : 3,183,682
3,200,610
3,200,611
3,214,935
302 : 3,206,943
306 : 3,209,554
314 : 3,214,936
320 : 3,164,972
3,197,974
3,204,424
3,217,509
324 : 3,172,272
3,210,958
331 : 3,171,265
333 : 3,220,213
341 : 3,199,308
342 : 3,190,082
3,196,633
343 : 3,180,110
344 : Re.25,950
3,187,517
3,216,218
345 : 3,199,309
3,200,612
347 : 3,171,266
3,206,944
3,220,214
348 : 3,218,824
349 : 3,190,083
352 : 3,171,267
3,181,309
3,206,945
353 : 3,182,468
3,217,510
3,217,511
354 : 3,167,932
3,217,512
3,220,215
366 : 3,172,273
367 : 3,170,308
371 : 3,167,933
372 : 3,178,903
3,187,518
373 : 3,165,907
377 : 3,225,564
380 : 3,173,276
3,224,220
384 : 3,214,937
394 : 3,196,634
399 : 3,191,402
402 : 3,177,679
3,200,613
3,203,198
3,213,640
3,214,938
407 : 3,206,946
411 : 3,183,683
414 : 3,203,199
3,224,221
419 : 3,169,383
432 : 3,181,310
440 : 3,181,311
457 : 3,205,677
3,205,678
3,213,641
458 : 3,170,309
467 : 3,180,111
3,182,469
3,187,519
3,195,322
468 : 3,212,289
469 : 3,163,999
471 : 3,177,680
474 : 3,205,679
478 : 3,188,832
483 : 3,177,681
3,178,904
3,186,187
485 : 3,195,323
3,204,425
489 : 3,206,947
490 : 3,170,310
496 : 3,166,917
498 : 3,171,268
3,197,975
498 : 3,208,237
500 : 3,199,310
505 : 3,188,833
3,191,403
3,218,825
509 : 3,164,973
515 : 3,178,905
519 : 3,221,513

Class 63

1 : 3,192,737
2 : 3,170,311
3,192,738
3,201,952
3,208,238
3,225,565
5 : 3,203,200
12 : 3,208,239
14 : 3,176,475
3,200,614
3,209,555
15.5 : 3,204,426
.6 : 3,214,939
.6 : 3,218,826
.7 : 3,221,514
20 : 3,177,682
23 : 3,217,513
29 : 3,180,112
31 : 3,217,514

Class 64

1 : 3,175,374
3,222,884
2 : 3,177,683
3,177,684
3 : 3,190,084
4 : 3,186,188
7 : 3,164,974
3,167,934
3,199,311
3,205,680
3,217,515
8 : 3,176,476
3,190,085
3,204,427
3,218,827
3,220,216
9 : 3,174,302
3,216,219
3,220,217
3,224,222
3,224,223
10 : 3,205,681
11 : 3,178,906
3,199,312
3,199,313
3,213,642
3,222,885
3,224,224
13 : 3,213,643
14 : 3,195,324
3,205,682
15 : 3,196,635
17 : 3,166,918
3,178,907
3,178,908
3,200,615
3,204,428
3,212,290
3,213,644
3,217,516
19 : 3,167,935
21 : 3,166,919
3,176,477
3,177,685
3,184,927
3,186,189
3,187,520
3,204,429
23 : 3,171,269
3,176,478
3,183,684
3,187,521
3,203,201
3,203,202
3,225,566
24 : 3,178,909
25 : 3,174,303
26 : 3,182,470
3,191,404
3,192,739
3,196,636
3,199,314
3,203,203
3,203,204
3,210,959
3,210,960
3,210,961
3,210,962
3,210,963
3,212,291
26 : 3,212,292
3,212,293
3,212,294
3,212,295
3,214,940
3,214,941
3,221,515
3,222,886
27 : 3,184,928
3,199,315
3,203,205
3,218,828
28 : 3,200,616
3,204,430
3,220,218
29 : 3,167,936
3,204,431
30 : 3,171,270
3,180,113
3,186,190
3,192,740
3,196,637
3,201,953
3,212,296
3,213,645
3,216,220
31 : 3,214,942
3,217,517
32 : 3,222,887

Class 65

1 : 3,164,457
3,168,388
3,205,055
2 : 3,198,615
3,218,138
3 : 3,168,389
3,192,023
3,220,811
3,222,149
4 : 3,166,395
3,190,735
3,193,363
3,193,364
3,211,540
3,216,807
3,224,851
5 : 3,197,295
3,207,587
3,218,139
6 : 3,215,514
3,219,425
7 : 3,177,057
3,192,024
9 : 3,220,812
11 : 3,168,390
3,188,188
12 : 3,164,458
3,179,507
15 : 3,177,058
3,190,736
16 : 3,224,852
17 : 3,185,554
18 : 3,185,555
3,216,808
3,222,150
3,224,853
19 : 3,170,780
20 : 3,203,776
21 : 3,190,737
3,207,588
23 : 3,193,365
24 : 3,203,777
3,208,839
25 : 3,223,498
3,223,499
3,223,500
3,223,501
26 : 3,199,966
27 : 3,218,140
3,220,813
29 : 3,186,811
3,206,291
3,216,809
3,222,151
3,223,502
3,226,215
30 : 3,215,515
31 : 3,190,738
32 : 3,166,396
3,214,254
3,220,814
3,220,815
3,222,152
33 : 3,197,296
39 : 3,178,274
3,185,556
43 : 3,167,418
3,173,779
3,202,493
3,210,171
3,222,153
45 : 3,211,541
46 : 3,189,422
48 : 3,180,717
50 : 3,199,967
51 : 3,216,810
54 : 3,193,366
55 : 3,186,812
58 : 3,195,994
3,202,494
3,205,056
3,207,589
62 : 3,173,780
65 : 3,206,292
3,218,141
68 : 3,203,778
70 : 3,193,367
3,195,995
71 : 3,214,255
73 : 3,184,296
76 : 3,171,728
3,171,729
3,185,558
78 : 3,184,297
80 : 3,184,298
83 : 3,192,025
84 : 3,205,057
3,206,293
3,218,142
85 : 3,190,739
89 : 3,219,426
90 : 3,186,813
3,218,143
91 : 3,222,154
94 : 3,215,516
95 : 3,226,216
3,226,217
99 : 3,220,816
3,223,503
103 : 3,206,294
3,222,155
104 : 3,188,190
3,220,817
105 : 3,177,059
3,189,423
3,203,779
3,207,590
3,212,870
106 : 3,177,060
3,195,996
3,220,818
3,223,504
107 : 3,168,391
3,216,811
3,223,505
109 : 3,171,730
110 : 3,186,814
3,210,172
111 : 3,192,026
113 : 3,188,189
3,188,191
3,215,517
114 : 3,174,839
3,214,256
3,223,506
3,223,507
115 : 3,174,840
3,186,815
116 : 3,186,816
122 : 3,197,297
130 : 3,186,817
134 : 3,219,427
135 : 3,224,854
3,224,855
138 : 3,201,216
139 : 3,226,218
142 : 3,223,508
147 : 3,207,591
154 : 3,178,275
155 : 3,164,459
3,208,840
157 : 3,212,871
158 : 3,180,718
3,192,027
159 : 3,170,781
3,222,156
160 : 3,189,424
162 : 3,171,731
163 : 3,188,192
3,224,856
167 : 3,194,645
168 : 3,165,391
169 : 3,186,818
3,198,616
170 : 3,226,219
178 : 3,206,295
3,224,857
179 : 3,208,841
3,216,812
182 : 3,223,509
185 : 3,224,858
187 : 3,181,941
199 : 3,192,028
203 : 3,208,842
203 : 3,212,872
3,223,510
206 : 3,193,368
207 : 3,198,617
222 : 3,169,846
225 : 3,214,257
227 : 3,170,782
229 : 3,171,732
237 : 3,189,425
239 : 3,216,813
240 : 3,223,511
244 : 3,186,819
263 : 3,175,895
268 : 3,166,397
270 : 3,201,217
271 : 3,186,820
272 : 3,193,369
277 : 3,202,495
280 : 3,222,157
281 : 3,215,518
282 : 3,169,847
288 : 3,186,821
3,202,496
3,202,497
3,216,814
289 : 3,188,193
3,192,029
290 : 3,173,781
3,189,426
3,193,370
3,211,542
3,220,819
3,220,820
3,223,512
3,224,859
291 : 3,185,559
3,197,298
3,199,968
3,220,821
3,220,822
292 : 3,179,508
307 : 3,174,841
314 : 3,185,560
318 : 3,214,258
323 : 3,189,427
326 : 3,216,815
330 : 3,201,218
333 : 3,183,072
335 : 3,186,823
342 : 3,226,220
346 : 3,198,618
3,198,619
347 : 3,201,219
3,218,144
348 : 3,184,299
3,186,822
3,199,969
355 : 3,224,860
356 : 3,178,276
357 : 3,180,719
3,206,296
359 : 3,180,720
360 : 3,199,970
362 : 3,202,498

Class 66

1 : 3,196,638
3,222,888
8 : 3,174,304
3,177,686
3,221,516
9 : 3,188,834
3,201,954
3,224,225
14 : 3,174,305
15 : 3,209,556
26 : 3,197,976
28 : 3,181,312
3,222,889
35 : 3,182,471
42 : 3,181,313
3,181,314
3,220,219
43 : 3,222,890
48 : 3,212,300
49 : 3,181,940
3,192,741
50 : 3,166,920
3,167,937
3,169,384
3,170,312
3,180,114
3,184,929
3,186,191
3,186,192
3,200,617
3,205,683
3,224,226
3,224,227
3,225,567
54 : 3,169,385
3,174,306

Class 66—Con.

54 : 3,200,618
3,209,557
57 : 3,192,742
3,221,517
60 : 3,225,568
70 : 3,167,938
76 : 3,220,220
84 : RE.25,749
3,166,921
3,168,821
85 : 3,171,271
86 : 3,192,743
3,201,955
3,216,221
3,221,518
3,221,519
87 : 3,205,684
3,221,520
88 : 3,169,386
95 : 3,225,569
96 : 3,167,939
107 : 3,173,277
3,221,521
108 : 3,172,274
114 : 3,196,639
115 : 3,176,479
117 : 3,212,301
121 : 3,164,000
3,220,221
3,222,891
125 : 3,201,956
3,214,943
3,224,228
132 : 3,204,432
3,209,558
3,216,222
3,224,229
3,225,570
134 : 3,174,307
3,208,240
3,222,892
138 : 3,201,957
140 : 3,194,029
3,197,977
3,225,571
145 : 3,164,975
3,188,835
3,206,948
3,224,230
147 : 3,209,559
3,218,829
149 : 3,214,944
150 : 3,181,315
151 : 3,167,940
3,220,222
154 : 3,218,830
157 : 3,168,822
168 : 3,220,223
169 : 3,197,978
170 : 3,178,910
3,180,115
171 : 3,224,231
172 : 3,166,922
3,173,278
3,196,640
3,208,241
177 : 3,178,911
3,208,242
178 : 3,210,964
3,212,297
3,212,298
3,212,299
3,216,223
179 : 3,181,316
180 : 3,194,030
185 : 3,221,522
186 : 3,187,522
189 : 3,176,480
191 : 3,213,646
192 : 3,174,308
3,222,893
193 : 3,183,685
3,190,086
195 : 3,171,272
3,200,619
200 : 3,184,930
202 : 3,167,941

Class 67

3 : 3,224,232
4.1 : 3,178,912
.1 : 3,224,233
7.1 : 3,164,001
.1 : 3,164,976
.1 : 3,164,977
.1 : 3,165,908
.1 : 3,170,313
.1 : 3,174,309
.1 : 3,174,310
.1 : 3,176,481
.1 : 3,180,116
7.1 : 3,180,117
.1 : 3,181,317
.1 : 3,183,686
.1 : 3,183,687
.1 : 3,184,931
.1 : 3,186,193
.1 : 3,190,087
.1 : 3,190,088
.1 : 3,191,405
.1 : 3,196,641
.1 : 3,200,620
.1 : 3,203,206
.1 : 3,205,685
.1 : 3,206,949
.1 : 3,208,243
.1 : 3,208,244
.1 : 3,210,965
.1 : 3,213,647
.1 : 3,213,648
.1 : 3,213,649
.1 : 3,218,831
.1 : 3,222,894
.1 : 3,224,234
.1 : 3,224,235
10.1 : 3,180,118
19 : 3,182,472
22 : 3,194,031
3,208,245
31 : 3,176,482
3,191,406
3,195,325
3,195,326
3,199,316
3,208,246
3,218,832
3,220,224
3,220,225
3,224,236
51 : 3,183,688
55 : 3,169,387
3,174,311
80 : 3,204,433
87 : 3,165,909
3,187,523
88 : 3,208,247
101 : 3,221,523
111 : 3,210,966
119 : 3,188,836

Class 68

4 : RE.25,784
3,209,560
3,217,518
5 : 3,166,923
3,172,275
3,175,375
3,196,642
3,210,967
3,214,945
3,222,895
8 : 3,188,837
3,210,968
12 : 3,170,314
3,172,276
3,172,277
3,172,278
3,178,913
3,178,914
3,184,932
3,188,838
3,192,744
3,195,327
3,197,979
3,197,980
3,200,621
3,206,950
3,206,951
3,212,302
3,213,650
3,220,226
3,220,227
3,220,228
3,221,524
3,222,896
13 : 3,165,910
17 : 3,178,915
18 : 3,169,388
3,173,279
3,197,981
3,200,622
3,221,525
19 : 3,166,924
3,220,229
3,220,230
22 : 3,170,315
3,199,317
23 : 3,165,911
3,183,689
3,184,933
3,192,745
3,194,032
3,197,982
3,216,224
23 : 3,216,225
3,216,226
3,216,227
24 : 3,178,916
3,187,524
3,197,983
3,209,561
3,214,946
27 : 3,225,572
38 : 3,205,686
43 : 3,176,483
3,195,328
44 : 3,203,207
58 : 3,201,958
3,210,969
133 : 3,184,934
3,213,651
140 : 3,199,318
150 : 3,181,318
176 : 3,174,312
3,209,562
177 : 3,210,970
3,218,833
179 : 3,183,690
181 : 3,174,313
3,204,434
188 : 3,205,687
196 : 3,176,484
198 : 3,225,573
207 : 3,203,208
3,203,209
3,225,574
210 : 3,186,194
3,199,319
213 : 3,206,952
235 : 3,212,303
256 : 3,166,925
3,216,228
257 : 3,224,237
259 : 3,166,926

Class 69

10 : 3,165,912
3,186,195
19.1 : 3,204,435
21 : 3,178,917
27 : 3,199,320
30 : 3,164,002

Class 70

1.5 : 3,199,321
14 : 3,181,319
34 : 3,186,196
38 : 3,172,279
3,187,525
3,194,033
57 : 3,195,329
63 : 3,180,119
3,204,436
68 : 3,210,971
70 : 3,183,691
3,188,839
3,206,953
71 : 3,186,197
3,212,304
74 : 3,186,198
75 : 3,184,935
77 : 3,174,314
92 : 3,214,947
97 : 3,177,687
3,213,652
3,222,897
99 : 3,214,948
100 : 3,172,280
3,187,526
3,216,229
121 : 3,176,485
131 : 3,175,376
133 : 3,176,486
3,196,643
134 : 3,201,959
3,222,898
3,225,575
135 : 3,180,120
137 : 3,176,487
140 : 3,222,899
146 : 3,172,281
3,188,840
3,209,563
3,220,231
148 : 3,167,942
3,209,564
149 : 3,182,473
150 : 3,201,960
3,206,954
151 : 3,184,936
156 : 3,190,089
163 : 3,206,955
166 : 3,213,653
169 : 3,209,565
178 : 3,172,282
181 : 3,206,956
203 : 3,190,090
208 : 3,213,654
211 : 3,210,972
224 : 3,175,377
3,190,091
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3,212,305
3,212,306
240 : 3,199,322
252 : 3,187,527
271 : 3,197,984
272 : 3,206,957
277 : 3,184,937
3,201,961
279 : 3,200,623
299 : 3,187,528
301 : 3,172,283
304 : 3,209,566
315 : 3,192,746
320 : 3,209,567
333 : 3,170,316
337 : 3,174,315
340 : 3,203,210
350 : 3,204,437
358 : 3,167,943
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364 : 3,170,317
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367 : 3,199,323
370 : 3,186,199
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373 : 3,176,488
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382 : 3,167,944
3,175,378
383 : 3,172,284
3,175,379
3,183,692
3,190,093
3,191,407
3,208,248
3,210,973
395 : 3,208,249
416 : 3,212,308
417 : 3,204,438
419 : 3,197,985
3,210,974
421 : 3,181,320
3,195,330
3,216,230
428 : 3,167,945
432 : 3,210,975
434 : 3,225,576
437 : 3,221,526
440 : 3,209,569
451 : 3,204,439
3,210,976
456 : 3,173,280
3,175,380
3,176,489
3,176,490
3,181,321
3,192,747

Class 71

1 : 3,179,509
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3,198,620
3,207,592
2.1 : 3,195,997
.1 : 3,197,299
.2 : 3,189,428
.3 : 3,165,392
.3 : 3,170,783
.3 : 3,172,750
.3 : 3,175,896
.3 : 3,180,721
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.3 : 3,186,824
.3 : 3,193,371
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.3 : 3,215,519
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.4 : 3,194,646
.4 : 3,203,780
.5 : 3,166,398
.5 : 3,166,399
.5 : 3,166,400
.5 : 3,169,848
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2.5 : 3,183,074
.5 : 3,185,561
.5 : 3,188,194
.5 : 3,189,429
.5 : 3,195,998
.5 : 3,198,621
.5 : 3,202,499
.5 : 3,202,500
.5 : 3,207,593
.5 : 3,210,173
.5 : 3,210,174
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.5 : 3,216,816
.5 : 3,218,148
.5 : 3,222,159
.5 : 3,224,861
.5 : 3,224,862
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.5 : 3,224,864
.6 : 3,164,460
.6 : 3,166,401
.6 : 3,169,849
.6 : 3,169,850
.6 : 3,174,842
.6 : 3,174,843
.6 : 3,175,897
.6 : 3,177,061
.6 : 3,183,075
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.6 : 3,184,301
.6 : 3,185,562
.6 : 3,189,430
.6 : 3,189,431
.6 : 3,189,432
.6 : 3,190,740
.6 : 3,201,220
.6 : 3,207,594
.6 : 3,208,843
.6 : 3,210,176
.6 : 3,210,177
.6 : 3,211,544
.6 : 3,212,873
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.6 : 3,224,865
.7 : 3,165,393
.7 : 3,175,898
.7 : 3,179,510
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.7 : 3,183,076
.7 : 3,194,647
.7 : 3,205,059
.7 : 3,210,178
.7 : 3,219,431
.7 : 3,220,823
.7 : 3,223,517
.7 : 3,224,866
.7 : 3,226,221
6 : 3,186,826
7 : 3,205,060
3,210,179
8 : 3,165,394
11 : 3,192,030
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23 : 3,218,149
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24 : 3,197,300
27 : 3,224,867
28 : 3,186,825
3,190,741
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3,192,032
3,192,033
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3,197,301
3,202,501
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29 : 3,214,259
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33 : 3,177,062
34 : 3,165,395
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36 : 3,181,943
37 : 3,172,751
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39 : 3,205,062
40 : 3,170,784
41 : 3,193,374
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48 : 3,171,733
49 : 3,206,298
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59 : 3,168,392
62 : 3,172,752
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64 : 3,169,053
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3,223,518

Class 72

1 : 3,206,960
2 : 3,180,121
6 : 3,191,408
7 : 3,195,331
3,220,232
8 : 3,174,316
3,175,381
3,178,918
3,186,200
3,194,035
3,204,440
3,212,309
3,216,231
9 : 3,175,382
3,178,919
3,186,201
3,188,841
3,196,646
3,197,986
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10 : 3,186,202
3,208,250
11 : 3,184,938
3,194,036
3,197,863
3,208,251
3,213,655
12 : RE.25,795
3,174,317
3,180,122
3,188,842
3,197,988
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3,225,577
14 : 3,191,409
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15 : 3,208,252
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16 : 3,210,977
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20 : 3,205,790
21 : 3,177,688
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22 : 3,180,123
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24 : 3,187,529
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26 : 3,181,323
3,191,412
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31 : 3,204,441
35 : 3,192,751
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38 : 3,196,648
39 : 3,210,978
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41 : 3,182,474
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42 : 3,178,920
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43 : 3,181,325
45 : 3,192,752
46 : 3,181,326
3,195,333
47 : 3,213,658
48 : 3,191,414
49 : 3,183,695
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50 : 3,220,234
54 : 3,214,949
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56 : 3,175,383
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57 : 3,183,696
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59 : 3,194,041
60 : 3,212,312
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61 : 3,187,533
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66 : 3,177,690
67 : 3,173,281
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68 : 3,184,940
69 : 3,213,659
70 : 3,196,651
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71 : 3,176,491
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72 : 3,195,336
74 : 3,199,325
75 : 3,176,492
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76 : 3,194,042
77 : 3,182,475
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78 : 3,191,415
80 : 3,221,527
81 : 3,220,236
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82 : 3,195,491
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83 : 3,187,534
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84 : 3,187,535
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87 : 3,217,522
88 : 3,182,476
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90 : 3,181,330
91 : 3,173,282
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94 : 3,210,979
96 : 3,174,319
99 : 3,187,536
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125 : 3,186,205
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156 : 3,192,755
161 : 3,183,699
162 : 3,196,656
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163 : 3,194,043
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167 : 3,192,756
179 : 3,184,942
180 : 3,187,539
181 : 3,183,701
182 : 3,203,214
183 : 3,182,477
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187 : 3,191,418
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194 : 3,186,206
197 : 3,187,540
198 : 3,197,991
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199 : 3,196,657
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204 : 3,194,044
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209 : 3,176,493
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239 : 3,180,125
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257 : 3,190,101
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265 : 3,190,102
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267 : 3,174,321
269 : 3,213,662
270 : 3,173,283
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273 : 3,181,335
277 : 3,199,332
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278 : 3,218,836
281 : 3,175,385
282 : 3,209,573
283 : 3,173,284
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285 : 3,213,663
288 : 3,216,234
291 : 3,210,983
294 : 3,183,702
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295 : 3,206,966
297 : 3,184,948
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316 : 3,192,758
317 : 3,191,420
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321 : 3,187,542
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323 : 3,177,692
324 : 3,174,322
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325 : 3,206,967
326 : 3,182,481
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331 : 3,184,950
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334 : 3,186,209
335 : 3,208,261
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337 : 3,177,693
338 : 3,195,340
340 : 3,181,336
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341 : 3,192,760
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Class 73

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23 : 3,164,004
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12 : 3,224,868
13 : 3,180,724
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21 : 3,196,001
24 : 3,171,735
26 : 3,190,744
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27 : 3,194,649
28 : 3,192,035
3,201,225
33 : 3,180,725
3,197,303
34 : 3,170,786
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35 : 3,193,378
38 : 3,202,503
40 : 3,165,398
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40 : 3,188,196
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41 : 3,190,745
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42 : 3,165,399
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46 : 3,198,624
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52 : 3,172,756
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53 : 3,202,504
55 : 3,192,037
56 : 3,188,197
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61 : 3,224,872
62 : 3,196,003
63 : 3,210,182
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66 : 3,164,461
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67 : 3,172,757
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68 : 3,168,394
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69 : 3,168,395
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72 : 3,186,833
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73 : 3,222,162
76 : 3,199,977
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77 : 3,188,199
80 : 3,179,514
82 : 3,203,786
83 : 3,166,404
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84 : 3,166,405
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84.1 : 3,164,462
.1 : 3,169,057
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.5 : 3,186,834
.5 : 3,216,822
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97 : 3,164,463
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128 : 3,165,401
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133 : 3,169,058
134 : 3,166,408
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135 : 3,164,464
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138 : 3,180,728
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140 : 3,205,069
146 : 3,172,760
147 : 3,177,073
148 : 3,189,444
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150 : 3,169,059
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152 : 3,203,790
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153 : 3,166,410
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165 : 3,211,550
166 : 3,224,876
168 : 3,183,083
169 : 3,165,403
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170 : 3,174,851
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171 : 3,164,465
3,166,411
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3,166,413
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3,223,522
172 : 3,194,657
174 : 3,166,414
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3,188,207
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175 : 3,226,226
.5 : 3,184,305
.5 : 3,199,980
.5 : 3,203,794
176 : 3,169,860
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177 : 3,205,070
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3,173,785
3,177,077
3,201,235
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3,214,270
202 : 3,166,415
204 : 3,167,428
206 : 3,166,416
3,166,417
3,169,861
3,175,904
3,179,515
3,181,947
3,184,306
3,192,042
206 : 3,194,658
3,201,236
3,208,848
3,214,271
3,216,824
207 : 3,169,862
208 : 3,168,399
212 : 3,185,566
3,223,523
214 : 3,165,404
3,179,516
222 : 3,183,086

Class 76

24 : 3,174,363
36 : 3,166,956
3,172,306
3,172,307
43 : 3,204,491
78 : 3,188,889
80 : 3,175,426
89.2 : 3,200,670
101 : 3,199,379
3,208,309
3,216,286
104 : 3,164,038
3,166,957
3,168,843
3,191,460
3,218,892
3,220,285
107 : 3,167,976
3,170,342
3,174,364
3,182,530
3,187,606
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3,194,090
3,195,374
3,196,716
3,205,732
3,209,622
3,212,365
108 : 3,173,314
3,175,427
3,187,608
3,194,091
3,205,733
110 : 3,190,150
112 : 3,208,310

Class 77

1 : 3,164,039
3,203,281
3,216,287
3 : 3,165,011
3,187,609
3,188,890
3,188,891
3,211,025
3,217,567
3,217,568
3,220,286
4 : Re.25,812
3,171,301
3,191,461
3,222,956
5 : 3,167,977
3,183,743
3,192,801
3,200,671
3,204,492
3,208,311
7 : 3,176,547
3,195,375
13 : 3,186,261
14 : 3,169,415
23 : 3,203,282
24 : 3,188,892
3,200,672
3,215,005
31 : 3,178,968
32.1 : 3,173,315
.3 : 3,164,040
.5 : 3,190,151
.7 : 3,192,802
.7 : 3,224,301
33.5 : 3,207,008
34.6 : 3,180,183
55 : 3,174,365
3,191,462
56 : 3,172,308
58 : Re.25,860
3,164,041
3,169,416
3,178,969
3,190,152
3,191,463
3,195,376
3,198,037
3,200,673

58 : 3,207,009
3,208,312
3,213,716
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3,217,569
3,220,287
3,220,288
62 : 3,176,548
3,199,380
3,204,493
3,211,026
3,212,366
63 : 3,190,153
3,212,367
64 : 3,209,623
65 : 3,169,417
70 : 3,199,381
72 : 3,181,395
3,182,531
3,199,382
73 : 3,195,377
3,205,734
.5 : 3,166,958
.5 : 3,172,309
.5 : 3,172,310
.5 : 3,195,378
.5 : 3,217,570
75 : 3,216,288

Class 78

1 : 3,166,959
22 : 3,165,012
46 : 3,169,418
48 : 3,171,302
61 : 3,171,303
96 : 3,167,978

Class 79

3 : 3,208,313
5 : RE.25,716

Class 80

1 : 3,171,304
6 : 3,164,042
7 : 3,167,979
11 : 3,164,043
16 : 3,172,311
18 : 3,167,980
20 : 3,169,419
24 : 3,170,343
35 : 3,169,420
3,169,421
3,169,422
3,170,344
36 : 3,172,312
38 : 3,169,423
3,171,305
3,172,313
43 : 3,168,844
56 : 3,164,044
3,169,424
3,172,314
60 : 3,172,315
66 : 3,165,948

Class 81

3 : 3,172,316
3,186,262
3,200,674
3,208,314
3,208,315
.1 : 3,186,263
.2 : 3,192,803
.2 : 3,216,289
.41: 3,216,290
.44: 3,204,494
.46: 3,172,317
.46: 3,173,316
.46: 3,178,970
.8 : 3,195,380
.8 : 3,215,006
5.1 : 3,212,368
6 : 3,209,624
7 : 3,209,625
8.1 : 3,165,949
9.1 : 3,166,960
.1 : 3,184,997
.1 : 3,200,675
.3 : 3,175,428
.3 : 3,209,626
.3 : 3,216,291
.5 : 3,175,429
.5 : 3,177,741
.5 : 3,180,184
.5 : 3,182,532
.5 : 3,191,464
.5 : 3,198,038
.5 : 3,204,495
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.5 : 3,215,007
.5 : 3,221,576
.5 : 3,225,629
.51: 3,165,013
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.51: 3,171,306
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3,172,319
.6 : 3,198,039
.7 : 3,175,432
.8 : 3,188,893
43 : 3,167,981
52.3 : 3,180,185
.3 : 3,184,998
.3 : 3,203,283
.3 : 3,211,028
.35: 3,191,465
.4 : 3,202,021
.4 : 3,208,316
.5 : 3,165,014
.5 : 3,170,346
53 : 3,199,721
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54 : 3,203,284
55 : 3,198,040
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3,218,893
57 : 3,175,433
3,180,186
3,186,264
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58.2 : 3,175,434
59.1 : 3,204,496
62 : 3,191,466
64 : 3,200,676
66 : 3,192,804
68 : 3,205,735
71 : 3,213,719
72 : 3,181,396
77 : 3,204,497
90 : 3,211,029
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91 : 3,169,425
101 : 3,184,999
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121 : 3,170,347
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124.1 : 3,224,302
125 : 3,165,950
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128 : 3,181,397
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129 : 3,198,041
130 : 3,171,307
160 : 3,200,677
165 : 3,174,366
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167 : 3,173,317
177 : 3,175,436
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.9 : 3,186,265
179 : 3,165,015
185 : 3,187,610
186 : 3,205,736
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315 : 3,190,154
343 : 3,224,303
357 : 3,202,022
367 : 3,208,319
373 : 3,195,382
379 : 3,190,155
381 : 3,175,437
414 : 3,192,805
421 : 3,202,023
423 : 3,176,551

Class 82

1 : 3,177,742
3,180,187
3,186,266
1 : 3,200,678
3,216,293
2 : 3,168,846
3,171,308
3,185,002
3,186,267
3,190,156
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.5 : 3,200,679
.5 : 3,200,680
.5 : 3,205,737
.7 : 3,182,533
.7 : 3,209,627
3 : 3,180,188
4 : 3,167,982
3,171,309
3,181,398
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5 : 3,169,426
3,174,367
3,178,972
3,190,157
3,191,467
3,192,806
3,199,385
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6 : 3,204,498
8 : 3,177,743
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11 : 3,181,399
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12 : 3,191,468
3,200,681
3,221,577
14 : 3,166,962
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3,188,896
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3,200,682
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3,203,286
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3,207,013
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3,225,630
19 : 3,212,371
20 : 3,196,718
21 : 3,195,383
3,203,287
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3,221,578
3,221,579
23 : 3,188,897
24 : 3,217,572
25 : 3,181,400
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28 : 3,170,348
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30 : 3,165,016
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31 : 3,196,719
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32 : 3,199,386
33 : 3,191,469
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34 : 3,181,401
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3,221,580
3,221,581
35 : 3,178,973
3,182,534
36 : 3,183,746
3,191,470
3,191,471
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3,199,387
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37 : 3,185,004
38 : 3,166,963
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39 : 3,225,631
40 : 3,177,745
41 : 3,213,724
44 : 3,212,374
47 : 3,173,318
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48 : 3,185,005
50 : 3,174,368
53.1 : 3,198,043
56 : 3,213,725
70.2 : 3,222,961
71 : 3,208,320
78 : 3,166,964
82 : 3,216,295
83 : 3,222,962
101 : 3,174,369
3,190,158
3,218,894

Class 83

2 : 3,202,025
4 : 3,167,983
3,169,427
3,186,271
3,212,376
5 : 3,187,612
3,211,031
3,218,895
7 : 3,164,046
3,165,017
3,204,500
8 : 3,182,535
3,196,721
10 : 3,198,044
3,204,501
3,222,963
11 : 3,165,018
3,176,554
12 : 3,165,951
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3,196,722
3,200,684
3,207,016
13 : 3,168,847
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3,205,738
14 : 3,224,305
15 : 3,218,896
16 : 3,199,388
18 : 3,177,746
3,180,189
3,182,536
3,186,272
23 : 3,164,047
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24 : 3,192,807
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26 : 3,222,964
27 : 3,169,428
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28 : 3,176,555
32 : 3,181,402
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33 : 3,185,006
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34 : 3,167,984
35 : 3,224,307
36 : 3,198,048
37 : 3,173,319
38 : 3,169,429
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42 : 3,212,377
52 : 3,175,439
53 : 3,212,378
56 : 3,172,320
3,190,159
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61 : 3,183,748
3,191,472
67 : 3,207,018
71 : 3,165,952
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74 : 3,186,273
76 : 3,175,440
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79 : 3,209,629
83 : 3,225,632
86 : 3,174,371
88 : 3,180,190
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92 : 3,203,288
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96 : 3,204,502
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98 : 3,164,048
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103 : 3,186,274
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106 : 3,205,741
107 : 3,191,474
108 : 3,217,574
110 : 3,174,372
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112 : 3,211,033
115 : 3,217,575
123 : 3,181,405
124 : 3,213,729
125 : 3,178,975
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133 : 3,224,308
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137 : 3,180,191
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146 : 3,183,750
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151 : 3,165,955
152 : 3,169,430
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156 : 3,170,350
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162 : 3,195,386
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167 : 3,165,957
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175 : 3,166,965
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196 : 3,213,732
198 : 3,204,504
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225 : 3,172,323
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284 : 3,199,390
285 : 3,190,162
290 : 3,217,577
295 : 3,216,300
298 : 3,173,323
299 : 3,218,900
300 : 3,165,019
302 : 3,224,311
304 : 3,202,029
308 : 3,212,381
310 : 3,209,632
314 : 3,176,564
320 : 3,211,037
324 : 3,176,565
326 : 3,171,314
327 : 3,207,020
331 : 3,171,315
341 : 3,183,754
3,203,292
342 : 3,190,163
345 : 3,178,981
3,196,704
3,205,744
3,220,293
346 : 3,182,540
3,182,541
3,200,687
3,209,633
347 : 3,170,354
348 : 3,176,566
349 : 3,196,724
353 : 3,213,735
354 : 3,218,901
355 : 3,180,193
3,186,277
3,186,278
3,224,312
356 : 3,169,431
359 : 3,199,391
362 : 3,165,020
3,169,432
3,170,355
363 : 3,215,015
364 : 3,176,567
3,177,751
365 : 3,165,961
3,192,813
3,203,293
373 : 3,180,194
380 : 3,181,407
383 : 3,200,688
384 : 3,174,375
387 : 3,164,050
389 : 3,196,725
390 : 3,165,021
395 : 3,174,376
3,195,387
396 : 3,183,755
398 : 3,186,279
399 : 3,188,899
3,203,294
3,209,634
402 : 3,217,578
408 : 3,180,195
3,194,102
411 : 3,190,164
413 : 3,187,615
419 : 3,175,445
422 : 3,167,988
3,224,313
423 : 3,185,009
430 : 3,170,356
441 : 3,164,051
444 : 3,205,745
446 : 3,198,051
449 : 3,167,989
451 : 3,171,316
3,186,280
3,209,635
453 : 3,182,542
455 : 3,213,736
461 : 3,213,737
462 : 3,187,616
467 : 3,178,982
3,190,165
3,192,814
3,211,038
3,215,016
468 : 3,176,568
3,225,636
469 : 3,186,281
471 : 3,192,815
482 : 3,185,010
485 : 3,216,301
488 : 3,173,324
489 : 3,192,816
496 : 3,171,317
497 : 3,186,282
498 : 3,198,388
499 : 3,173,325
501 : 3,173,326
512 : 3,199,392
516 : 3,198,052
520 : 3,207,021
3,211,039
522 : 3,224,314
523 : 3,196,726
524 : 3,169,433
525 : 3,174,377
526 : 3,174,378
3,225,637
527 : 3,208,324
530 : 3,171,318
3,178,983
3,183,756
534 : 3,190,166
3,204,506
537 : 3,212,382
538 : 3,172,324
540 : 3,165,962
554 : 3,213,738
555 : 3,205,746
559 : 3,176,569
560 : 3,169,434
563 : 3,199,393
3,213,739
564 : 3,212,383
3,213,740
3,222,972
571 : 3,176,570
573 : 3,182,543
578 : 3,199,394
580 : 3,220,294
581 : 3,180,196
582 : 3,218,902
588 : 3,173,327
3,213,741
589 : 3,194,103
599 : 3,172,325
601 : 3,196,727
605 : 3,205,747
608 : 3,170,357
618 : 3,196,728
619 : 3,205,748
623 : 3,186,283
3,186,284
626 : 3,199,395
628 : 3,168,849
630 : 3,181,408
637 : 3,178,984
639 : 3,176,571

Class 83—Con.

639 : 3,205,749
640 : 3,222,973
649 : 3,176,572
652 : 3,217,579
658 : 3,166,967
3,167,990
3,225,638
660 : 3,205,750
662 : 3,167,991
663 : 3,188,900
3,191,478
665 : 3,172,326
672 : 3,191,479
673 : 3,170,358
3,203,295
676 : 3,169,435
681 : 3,166,968
685 : 3,215,017
690 : 3,171,319
3,172,327
3,183,757
694 : 3,215,018
700 : 3,167,992
915.5 : 3,225,639

Class 84

1.01: 3,166,622
.01: 3,176,060
.01: 3,178,499
.01: 3,178,500
.01: 3,180,918
.01: 3,223,768
.03: 3,172,939
.03: 3,193,608
.03: 3,207,835
.03: 3,213,179
.04: 3,193,607
.04: 3,198,872
.04: 3,204,020
.05: 3,196,200
.06: 3,215,765
.11: 3,205,294
.13: 3,206,535
.13: 3,219,745
.14: 3,178,501
.14: 3,197,541
.14: 3,215,766
.15: 3,183,296
.15: 3,197,542
.16: RE.25,728
.16: 3,177,283
.16: 3,192,304
.16: 3,194,870
.16: 3,213,180
.16: 3,217,079
.17: 3,189,674
.18: 3,164,660
.18: 3,214,507
.18: 3,223,769
.19: 3,200,186
.19: 3,204,507
.19: 3,213,181
.19: 3,222,447
.21: 3,219,746
.23: 3,190,951
.24: 3,178,502
.24: 3,185,755
.24: 3,215,767
.24: 3,217,080
.24: 3,221,092
.25: 3,197,544
.26: 3,170,020
.26: 3,180,919
.26: 3,196,201
.26: 3,223,770
.26: 3,223,771
.27: 3,193,609
.27: 3,217,081
.28: 3,197,543
5 : 3,195,389
20 : 3,186,285
42 : 3,209,636
83 : 3,186,286
94 : 3,170,359
95 : 3,225,640
97 : 3,220,295
102 : 3,195,390
171 : 3,196,729
184 : 3,208,325
188 : 3,204,508
3,204,509
236 : 3,211,040
240 : 3,167,993
3,171,320
243 : 3,169,436
3,198,053
251 : 3,186,287
254 : 3,174,379
255 : 3,208,326
267 : 3,169,437
269 : 3,203,296
269 : 3,203,297
3,215,019
275 : 3,186,288
279 : 3,175,446
283 : 3,169,438
3,188,901
291 : 3,188,902
3,204,510
293 : 3,185,011
3,196,730
3,212,384
307 : 3,174,380
3,178,985
3,183,758
312 : 3,187,617
313 : 3,174,381
3,181,409
317 : 3,173,328
3,178,722
318 : 3,185,012
3,191,480
3,205,751
319 : 3,194,104
322 : 3,181,410
327 : 3,192,817
341 : 3,187,618
366 : 3,175,447
374 : 3,217,580
375 : 3,188,903
3,204,511
376 : 3,175,448
3,211,041
377 : 3,218,903
379 : 3,172,328
380 : 3,166,969
3,191,481
3,198,054
3,202,030
3,202,031
3,205,752
382 : 3,191,482
3,204,512
3,212,385
383 : 3,165,963
3,202,032
3,205,753
3,222,974
3,224,315
384 : 3,178,986
390 : 3,175,449
398 : 3,164,052
3,191,483
402 : 3,170,360
3,183,759
404 : 3,167,994
3,174,382
405 : 3,165,022
406 : 3,165,023
408 : 3,183,760
411 : 3,166,970
3,185,013
3,186,289
3,186,290
3,215,020
3,215,021
421 : 3,167,995
3,191,484
422 : 3,165,964
3,175,450
3,185,014
3,195,391
3,217,581
423 : 3,199,396
3,200,689
425 : 3,209,637
432 : 3,177,752
433 : 3,175,451
3,205,754
434 : 3,173,329
435 : 3,165,965
437 : 3,187,619
443 : 3,180,197
3,198,055
446 : 3,209,638
3,209,639
453 : 3,180,198
3,203,298
454 : 3,180,199
455 : 3,183,761
457 : 3,195,392
464 : 3,164,053
3,165,966
3,204,513
3,205,755
3,215,022
470 : 3,165,967
3,186,291
3,186,292
471 : 3,208,327
476 : 3,196,731
477 : 3,180,200
3,180,201
3,212,386
478 : 3,185,015
478 : 3,185,016
3,196,732
480 : 3,220,296
485 : 3,218,904

Class 85

1 : 3,174,383
3,191,485
3,202,033
3,205,756
3,208,328
3,209,640
3,212,387
3 : 3,168,850
3,170,361
3,175,452
3,208,329
3,211,042
5 : 3,169,439
3,170,362
3,174,384
3,181,411
3,190,167
3,203,299
3,215,023
3,225,641
7 : 3,190,168
3,200,690
3,203,300
3,215,024
8.1 : 3,195,393
.1 : 3,203,301
.3 : 3,175,453
.8 : 3,164,054
.8 : 3,178,987
.8 : 3,198,056
9 : 3,175,454
3,186,293
3,204,514
3,225,642
10 : 3,212,388
13 : 3,181,412
3,211,043
3,212,389
3,225,643
16 : 3,205,757
17 : 3,165,968
3,198,057
23 : 3,177,753
3,188,904
3,199,397
28 : 3,208,330
32 : 3,164,055
3,177,754
3,192,818
3,212,390
3,216,302
3,217,582
33 : 3,170,363
3,176,573
3,204,515
35 : 3,215,025
36 : 3,203,302
3,205,758
3,207,022
3,212,391
37 : 3,208,331
3,222,975
41 : 3,177,755
3,204,516
45 : 3,170,364
3,178,988
3,190,169
3,212,392
46 : 3,180,202
3,207,023
3,213,742
47 : 3,192,819
3,200,691
3,207,024
3,218,905
3,221,588
49 : 3,190,170
50 : 3,170,365
3,212,393
3,218,906
56 : 3,222,976
61 : 3,174,385
3,191,486
3,221,589
62 : 3,169,440
3,174,386
3,183,762
3,187,621
3,194,105
3,216,303
3,224,316
65 : 3,166,971
3,213,743
67 : 3,202,034
3,213,744
68 : 3,200,692
3,202,035
69 : 3,192,820
70 : 3,175,462
3,180,203
3,181,413
3,215,026
71 : 3,174,387
3,178,989
72 : 3,172,329
3,194,106
3,216,304
3,217,583
3,222,977
73 : 3,166,972
75 : 3,175,455
3,181,414
3,196,733
3,200,693
76 : 3,178,990
3,221,590
77 : 3,171,322
3,192,821
3,202,036
3,203,303
3,204,517
3,216,305
78 : 3,205,759
79 : 3,192,822
3,215,027
3,216,306
80 : 3,182,544
3,192,823
3,211,044
3,213,745
3,213,746
3,217,584
3,217,585
81 : 3,196,734
3,202,037
82 : 3,200,694
3,205,760
83 : 3,171,321
3,187,620
3,199,398
3,202,038
3,203,304
3,205,761
3,217,586
84 : 3,178,991
3,188,905
3,198,058
85 : 3,194,107

Class 86

1 : 3,174,388
3,185,017
3,195,394
3,196,735
3,200,695
3,215,028
3,224,317
10 : 3,218,907
12 : 3,187,622
20 : 3,170,366
3,185,018
3,188,906
3,199,399
3,216,307
23 : 3,174,389
3,175,456
24 : 3,174,390
25 : 3,196,736
36 : 3,205,762
37 : 3,180,204
38 : 3,224,318
43 : 3,204,518
3,217,587
44 : 3,185,019

Class 87

1 : 3,195,395
6 : 3,196,737
8 : 3,204,519

Class 88

1 : 3,164,661
3,166,623
3,166,624
3,166,625
3,166,626
3,170,979
3,170,980
3,176,574
3,176,575
3,178,992
3,178,993
3,180,205
3,180,206
3,180,207
3,185,020
3,190,171
3,191,487
1 : 3,192,824
3,192,825
3,195,396
3,195,397
3,196,738
3,198,059
3,198,060
3,199,400
3,200,696
3,200,697
3,200,698
3,202,039
3,202,040
3,203,305
3,203,306
3,203,307
3,209,641
3,211,045
3,211,046
3,211,047
3,215,029
3,215,030
3,215,031
3,216,308
3,217,588
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3,218,908
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3,218,910
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3,220,298
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3,221,591
3,221,592
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.5 : 3,174,391
.5 : 3,175,457
.5 : 3,182,545
.5 : 3,182,546
.5 : 3,192,826
.5 : 3,200,699
2.4 : 3,216,309
.7 : 3,180,208
.7 : 3,194,108
.7 : 3,207,025
14 : 3,164,662
3,164,663
3,166,627
3,167,605
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3,170,022
3,170,981
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3,171,881
3,171,882
3,172,940
3,173,983
3,174,392
3,174,393
3,175,458
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3,176,576
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3,177,756
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3,177,759
3,177,760
3,177,761
3,178,994
3,178,995
3,183,763
3,183,764
3,185,021
3,185,022
3,185,023
3,185,024
3,186,294
3,186,295
3,187,623
3,188,907
3,190,172
3,190,173
3,191,488
3,194,109
3,194,110
3,194,111
3,196,739
3,198,061
3,198,062
3,198,063
3,198,064
3,199,401
3,200,700
3,200,701
3,202,041
3,202,042
3,202,043
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3,205,763
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14 : 3,208,332
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3,216,310
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3,218,916
3,220,300
3,221,593
3,222,978
3,222,979
3,224,320
3,224,322
3,224,323
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3,225,644
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22.5 : 3,195,398
.5 : 3,207,027
23 : 3,170,023
3,177,762
3,180,209
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24 : 3,164,056
3,164,057
3,165,024
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3,165,026
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3,169,441
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3,175,460
3,175,461
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3,179,003
3,180,211
3,181,415
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3,187,624
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24 : 3,188,908
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3,188,910
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3,191,489
3,191,490
3,191,491
3,191,492
3,192,827
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3,194,112
3,194,113
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3,195,399
3,195,400
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26 : 3,164,058
3,167,998
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26 : 3,224,321
27 : 3,204,522
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28 : 3,164,059
3,165,971
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.9 : 3,180,214
.9 : 3,180,215
.9 : 3,191,495
.9 : 3,196,741
.9 : 3,218,923
.91: 3,205,772
.93: 3,173,332
.93: 3,183,775
.93: 3,186,299
.93: 3,208,341
.93: 3,218,924
29 : 3,221,599
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32 : 3,172,941
3,183,776
3,222,987
34 : 3,170,024
3,202,046
39 : 3,166,628
3,166,629
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3,182,551
3,186,300
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3,202,047
3,202,048
3,205,773
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40 : 3,202,049
3,218,925
56 : 3,171,883
57 : 3,164,664
3,168,609
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3,171,884
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3,180,218
3,185,029
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3,185,031
3,185,032
3,185,033
3,190,175
3,190,176
3,191,496
3,191,497
3,192,829
3,194,116
3,194,117
3,195,404
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3,202,051

57 : 3,205,774
3,209,649
3,212,400
3,212,401
3,215,037
3,216,319
3,217,596
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3,220,307
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3,221,601
3,224,330
3,224,331
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.5 : 3,213,751
60 : 3,185,034
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61 : 3,164,665
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3,168,611
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3,195,405
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65 : 3,202,053
3,205,775
3,213,753
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69 : 3,165,573
3,196,744
72 : 3,204,523
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73 : 3,171,885
3,174,397
75 : 3,173,985
77 : 3,198,070
78 : 3,200,705
3,215,039
79 : 3,179,009
82 : 3,172,942
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85 : 3,205,776
86 : 3,166,630
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3,208,343
87 : 3,170,985
3,175,463
3,180,219
90 : 3,187,629
96 : 3,171,886
3,180,220
3,182,552
3,208,344
97 : 3,205,777
98 : 3,188,913
3,191,498
3,198,071
3,204,524
106 : 3,202,054
107 : 3,174,398

Class 89

1 : 3,169,443
3,173,333
3,180,221
3,187,630
3,188,914
3,196,745
3,196,746
3,200,706
3,208,345
3,209,650
3,216,320
3,216,321
3,218,927
3,225,653
.5 : 3,171,324
.5 : 3,183,777
.5 : 3,200,707
.5 : 3,211,057
.5 : 3,216,322
.5 : 3,218,928
.5 : 3,218,929
.5 : 3,224,334
.5 : 3,225,654
.7 : 3,166,975
.7 : 3,166,976
.7 : 3,166,977
.7 : 3,166,978
.7 : 3,166,979

1.7 : 3,166,980
.7 : 3,166,981
.7 : 3,169,444
.7 : 3,170,371
.7 : 3,172,330
.7 : 3,173,334
.7 : 3,179,010
.7 : 3,180,222
.7 : 3,180,223
.7 : 3,180,224
.7 : 3,180,225
.7 : 3,181,422
.7 : 3,182,553
.7 : 3,182,554
.7 : 3,185,035
.7 : 3,185,036
.7 : 3,185,037
.7 : 3,186,301
.7 : 3,186,302
.7 : 3,186,303
.7 : 3,187,631
.7 : 3,194,118
.7 : 3,194,119
.7 : 3,195,406
.7 : 3,198,072
.7 : 3,198,073
.7 : 3,199,406
.7 : 3,200,708
.7 : 3,204,525
.7 : 3,204,526
.7 : 3,205,778
.7 : 3,208,346
.7 : 3,208,347
.7 : 3,212,402
.7 : 3,215,040
.7 : 3,215,041
.7 : 3,216,323
.7 : 3,217,599
.7 : 3,221,602
.7 : 3,222,988
.7 : 3,224,335
.7 : 3,224,336
.7 : 3,225,655
7 : 3,186,304
3,195,407
3,202,055
8 : 3,204,527
3,224,337
12 : 3,198,074
14 : 3,164,060
3,165,972
3,177,771
3,179,011
3,187,632
3,187,633
3,202,056
3,208,348
28 : 3,208,349
33 : 3,166,982
3,169,445
3,170,372
3,177,772
3,182,555
3,183,778
3,198,075
3,204,528
3,211,058
3,221,603
34 : 3,208,350
3,217,600
35 : 3,182,556
3,190,179
36 : 3,176,585
37 : 3,186,305
3,225,656
40 : 3,165,973
3,171,325
3,208,351
45 : 3,218,930
128 : 3,198,076
129 : 3,203,312
132 : 3,174,399
135 : 3,217,601
140 : 3,204,529
142 : 3,200,709
145 : 3,196,747
149 : 3,174,400
155 : 3,222,989
161 : 3,175,464
3,181,423
174 : 3,198,077
177 : 3,171,326
183 : 3,204,530
187 : 3,199,407
3,221,604
3,225,657
189 : 3,220,310
191 : 3,166,983
3,180,226
3,200,710
3,207,036
192 : 3,174,401
195 : 3,195,408
196 : 3,207,037

199 : 3,204,531

Class 90

1 : 3,169,446
3,200,711
.4 : 3,177,773
.6 : 3,169,447
.6 : 3,180,227
.6 : 3,182,557
.6 : 3,182,558
.6 : 3,188,915
.6 : 3,195,409
.6 : 3,202,057
.6 : 3,207,035
.6 : 3,213,754
.6 : 3,217,602
.6 : 3,220,311
2 : 3,194,120
3 : 3,164,061
3,192,830
3,212,403
4 : 3,167,999
3,180,228
3,190,180
3,203,313
3,204,532
3,207,038
3,212,404
5 : 3,192,831
3,213,755
3,213,756
3,218,931
3,222,990
6 : 3,207,039
7 : 3,218,932
3,225,658
8 : 3,199,408
9.6 : 3,176,586
11 : 3,168,000
3,168,851
3,171,327
3,174,402
3,177,774
3,177,775
3,183,779
3,187,634
3,191,499
3,191,500
3,198,078
3,198,079
3,203,314
3,205,779
3,209,651
3,211,059
3,211,060
3,212,405
3,220,312
3,220,313
3,221,605
3,221,606
3,222,991
3,224,338
.4 : 3,180,229
.42: 3,196,748
.42: 3,209,652
.42: 3,221,607
.48: 3,168,001
.54: 3,203,315
12 : 3,164,062
3,166,984
3,166,985
3,168,002
3,170,373
3,175,465
3,196,749
3,207,040
13 : 3,165,974
3,169,448
3,173,335
3,195,410
3,205,780
3,213,757
.05: 3,196,750
.1 : 3,165,975
.1 : 3,168,003
.1 : 3,168,852
.1 : 3,192,832
.1 : 3,211,061
.1 : 3,224,339
.2 : 3,165,976
.2 : 3,183,780
.2 : 3,194,121
.3 : 3,165,027
.4 : 3,179,012
.4 : 3,182,559
.5 : 3,174,403
.5 : 3,176,587
.5 : 3,195,411
.5 : 3,198,080
.5 : 3,204,533
.5 : 3,216,324
.7 : 3,224,340
.7 : 3,225,659

13.9 : 3,170,374
.9 : 3,191,501
14 : 3,220,314
15 : 3,180,230
3,181,424
3,182,560
3,190,181
3,192,833
3,195,412
3,203,316
3,209,653
3,218,933
.1 : 3,170,375
.1 : 3,173,336
.1 : 3,196,751
16 : 3,185,038
3,209,654
3,211,062
17 : 3,164,063
3,165,977
3,169,449
3,176,588
3,195,413
19 : 3,183,781
20 : 3,179,013
3,187,635
3,222,992
21 : 3,176,589
3,196,752
3,205,781
3,220,315
24 : 3,165,028
3,168,004
3,172,331
3,174,404
3,177,776
3,192,834
3,192,835
3,198,081
34 : 3,175,466
40 : 3,168,005
49 : 3,195,414
58 : 3,166,986
3,183,782
3,183,783
3,187,636
3,195,415
62 : 3,166,987
3,200,712
67 : 3,180,231
86 : 3,185,039
90 : 3,183,784
95 : 3,221,608
96 : 3,199,409

Class 91

1 : 3,174,405
3,198,082
3,198,083
3,207,041
3,217,603
2 : 3,190,182
3 : 3,205,782
4 : 3,179,014
3,203,317
12 : Re.25,726
19 : 3,174,406
20 : 3,164,064
3,183,785
3,222,993
22 : 3,170,376
25 : 3,181,425
26 : 3,171,328
3,196,753
27 : 3,186,306
28 : 3,169,450
31 : Re.25,882
3,186,307
32 : 3,172,332
33 : 3,181,426
36 : 3,215,042
3,216,325
3,216,326
37 : 3,198,084
40 : 3,191,502
3,204,534
44 : 3,217,604
45 : 3,176,590
3,203,319
47 : 3,199,410
49 : 3,200,713
3,207,042
50 : 3,216,327
51 : 3,208,352
3,225,660
52 : 3,205,783
3,208,353
3,209,655
3,213,758
3,216,328
3,216,329
56 : 3,215,043
58 : 3,205,784

60 : 3,175,467
61 : 3,174,407
80 : 3,190,183
82 : 3,216,330
87 : 3,174,408
3,175,468
104 : 3,175,469
3,194,122
126 : 3,213,759
140 : 3,191,503
142 : 3,198,085
149 : 3,225,661
165 : 3,188,916
3,195,416
3,212,406
3,224,020
167 : 3,168,853
3,172,333
3,187,637
3,218,934
168 : 3,188,917
169 : 3,170,377
3,186,308
170 : 3,198,086
3,205,785
3,217,605
3,217,606
172 : 3,179,015
176 : 3,168,006
3,168,007
3,194,123
3,220,316
178 : 3,168,008
3,217,607
180 : 3,165,029
3,208,354
186 : 3,203,318
189 : 3,175,470
3,198,087
3,202,058
198 : 3,168,009
199 : 3,196,754
202 : 3,165,030
3,181,427
204 : 3,188,918
3,199,411
205 : 3,179,016
210 : 3,177,777
3,225,662
215 : 3,180,232
216 : 3,175,471
219 : 3,190,184
220 : 3,207,043
222 : 3,204,535
224 : 3,170,378
3,222,994
232 : 3,183,786
264 : 3,188,919
266 : 3,183,787
277 : 3,185,040
290 : 3,187,638
291 : 3,165,978
305 : 3,225,663
306 : 3,174,409
318 : 3,218,935
321 : 3,165,979
342 : 3,183,788
3,205,786
347 : 3,166,988
3,212,407
356 : 3,173,337
357 : 3,199,412
358 : 3,224,341
359 : 3,166,989
3,209,656
3,222,995
363 : 3,190,185
364 : 3,182,561
365 : 3,164,065
3,171,329
3,218,936
366 : 3,177,778
368 : 3,218,937
369 : 3,165,031
3,172,334
3,172,335
3,173,338
3,175,235
3,183,789
3,209,657
3,209,658
3,212,408
370 : 3,165,980
372 : 3,199,413
3,199,414
374 : 3,180,233
3,195,417
377 : 3,191,504
378 : 3,200,714
382 : 3,190,186
3,216,331
3,222,996
385 : 3,169,451
3,171,330

387 : 3,172,336
388 : 3,211,063
3,215,044
3,215,045
391 : 3,173,339
3,179,017
3,182,562
3,188,920
392 : 3,181,428
3,200,715
3,202,059
395 : 3,213,760
398 : 3,169,452
3,173,340
399 : 3,188,921
3,199,415
3,205,787
401 : 3,173,341
3,181,429
3,182,563
402 : 3,165,981
403 : 3,190,187
405 : 3,221,609
407 : 3,191,505
3,222,997
408 : 3,225,664
411 : 3,196,755
3,208,355
3,211,064
3,220,317
412 : 3,164,066
3,186,309
3,211,065
3,217,608
413 : 3,181,430
3,222,998
414 : 3,170,379
3,171,331
3,181,431
3,186,310
3,190,188
3,207,044
3,213,761
416 : 3,195,418
419 : 3,174,410
3,205,788
420 : 3,168,010
3,169,453
3,198,088
421 : 3,182,564
423 : 3,190,189
433 : 3,176,591
434 : 3,172,337
3,222,999
3,224,342
435 : 3,183,790
436 : 3,224,343
437 : 3,168,854
443 : 3,186,311
3,202,060
448 : 3,207,045
3,218,938
3,223,000
451 : 3,213,762
454 : 3,191,506
457 : 3,176,592
459 : 3,176,593
3,208,356
461 : 3,200,716
3,212,409
3,220,318

Class 92

5 : 3,180,234
3,196,756
3,216,332
6 : 3,181,432
8 : 3,205,789
10 : 3,170,380
11 : 3,172,338
13 : 3,169,454
3,171,332
3,199,416
3,213,763
19 : 3,177,779
3,182,565
24 : 3,177,780
3,182,566
3,183,791
3,217,609
3,221,610
25 : 3,195,419
3,217,610
27 : 3,208,357
28 : 3,179,018
30 : 3,166,990
33 : 3,165,982
3,183,792
37 : 3,202,061
41 : 3,213,764
45 : 3,224,344
47 : 3,187,639
48 : 3,183,793

Class 92 – Con.

48 : 3,187,640
51 : 3,172,339
3,176,594
3,179,019
52 : 3,181,433
3,188,922
3,213,765
59 : 3,168,011
3,207,046
63 : 3,218,939
64 : 3,217,611
68 : 3,190,190
74 : 3,195,420
79 : 3,199,417
85 : 3,202,062
87 : 3,203,320
90 : 3,168,012
91 : 3,202,063
3,208,358
3,223,001
92 : 3,171,333
94 : 3,175,472
3,185,041
3,187,641
3,198,089
3,200,717
3,224,345
95 : 3,180,235
99 : 3,168,855
103 : 3,173,342
3,192,836
107 : 3,181,434
109 : 3,166,991
110 : 3,181,435
3,216,333
112 : 3,168,013
117 : 3,172,340
3,181,436
118 : 3,168,014
121 : 3,198,090
122 : 3,181,437
3,195,421
124 : 3,207,047
125 : 3,179,020
3,207,048
3,215,046
128 : 3,175,473
3,185,042
3,187,642
138 : 3,182,567
146 : 3,183,794
149 : 3,166,992
151 : 3,173,343
155 : 3,177,781
3,188,923
3,204,536
156 : 3,216,334
158 : 3,179,021
164 : 3,180,236
3,185,043
3,195,422
165 : 3,171,334
168 : 3,175,474
3,186,312
169 : 3,165,983
3,223,002
171 : 3,209,659
176 : 3,187,643
180 : 3,209,660
181 : 3,166,993
182 : 3,223,003
187 : 3,173,344
194 : 3,182,568
205 : 3,169,455
212 : 3,183,795
218 : 3,212,410
220 : 3,221,611
222 : 3,223,004
223 : 3,203,321
228 : 3,175,475
3,213,766
229 : 3,183,796
239 : 3,173,345
243 : 3,172,341
3,176,595
3,182,569
3,190,191
244 : 3,217,612
245 : 3,168,015
248 : 3,187,644
3,212,411
252 : 3,165,032
3,179,022
255 : 3,177,782
258 : 3,187,645

Class 93

1 : RE.25,917
3,179,023
3,179,024
1 : 3,179,025
3,188,924
3,191,507
3,199,418
3,205,791
3,212,412
3,217,613
3,221,612
.1 : 3,190,192
.1 : 3,203,322
.3 : 3,195,423
.5 : 3,215,047
8 : 3,168,016
3,181,438
3,183,797
3,183,798
3,202,064
3,215,048
3,221,613
12 : 3,182,570
3,183,799
14 : 3,172,342
20 : 3,185,044
27 : 3,180,237
3,186,313
35 : 3,164,068
3,181,439
3,188,925
3,194,124
3,194,125
3,195,424
3,196,757
3,203,323
36 : 3,165,033
3,183,800
3,185,045
3,191,508
3,194,126
3,196,758
3,196,759
3,202,065
3,205,792
3,215,049
3,215,050
3,220,319
.01: 3,185,046
.01: 3,195,425
37 : 3,165,984
3,185,047
3,185,048
3,190,193
3,198,091
3,200,718
3,203,324
3,205,793
3,225,665
39.1 : 3,195,426
44.1 : 3,166,994
.1 : 3,183,801
.1 : 3,187,646
.1 : 3,187,647
.1 : 3,188,926
.1 : 3,196,760
.1 : 3,207,049
.1 : 3,212,413
.1 : 3,225,666
.1 : 3,225,667
47 : 3,187,648
49 : 3,168,017
3,176,596
3,196,761
3,202,066
51 : 3,168,018
3,192,837
3,218,940
53 : 3,186,314
55 : 3,209,661
.1 : 3,166,995
.1 : 3,182,571
58 : 3,198,092
3,213,767
.2 : 3,190,194
.2 : 3,198,093
.2 : 3,211,066
.3 : 3,169,456
.3 : 3,173,346
60 : 3,199,419
61 : 3,200,719
62 : 3,166,996
3,186,315
3,186,316
63 : 3,177,783
80 : RE.25,820
3,165,034
3,183,802
3,185,049
3,203,325
3,220,320
81 : 3,190,195
84 : 3,164,069
93 : 3,187,649
3,194,127
3,199,420
93 : 3,203,326
3,205,794
3,212,414
94 : 3,164,070
3,165,035
3,165,985
3,195,427
3,195,428
3,196,762
3,199,421

Class 94

1.5 : 3,164,071
.5 : 3,188,927
.5 : 3,194,128
.5 : 3,204,537
.5 : 3,212,415
.5 : 3,215,051
.5 : 3,216,335
3 : 3,171,335
4 : 3,174,411
3,202,067
5 : 3,168,019
3,172,343
3,181,440
7 : 3,165,036
8 : 3,168,020
3,191,509
3,194,129
3,217,614
11 : 3,196,763
13 : 3,175,476
3,221,614
14 : 3,213,768
17 : 3,217,615
3,217,616
3,223,005
18 : 3,165,986
3,165,987
3,179,026
3,180,238
3,218,941
22 : 3,199,422
3,217,617
3,224,346
23 : 3,216,336
3,221,615
31 : 3,174,412
3,196,764
3,203,327
3,209,662
.3 : 3,217,618
33 : 3,212,416
34 : 3,198,094
3,215,052
3,217,619
3,218,942
3,218,943
3,221,616
35 : 3,209,663
39 : 3,177,784
3,217,620
40 : 3,224,347
42 : 3,221,617
44 : 3,177,785
3,183,803
3,199,423
3,208,359
3,208,360
3,216,337
45 : 3,164,072
3,174,413
3,182,572
3,194,130
3,204,538
3,208,361
3,216,338
3,220,321
3,220,322
3,221,618
3,223,006
46 : 3,175,477
3,175,478
3,181,441
3,188,928
3,190,196
3,202,068
3,208,362
3,213,769
3,218,944
3,220,323
3,225,668
48 : RE.25,861
3,181,442
3,199,424
3,217,621
3,224,348
50 : 3,176,597
3,183,804
3,192,838
3,192,839
3,195,429
50 : 3,221,619
3,225,669

Class 95

1 : 3,187,650
3,190,197
3,211,067
.1 : 3,164,073
.1 : 3,165,988
.1 : 3,168,856
.1 : 3,171,336
.1 : 3,174,414
.1 : 3,192,840
.1 : 3,216,339
.1 : 3,221,620
.1 : 3,223,007
.7 : RE.25,779
.7 : 3,164,074
.7 : 3,168,021
.7 : 3,168,022
.7 : 3,168,857
.7 : 3,169,457
.7 : 3,180,239
.7 : 3,182,573
.7 : 3,183,805
.7 : 3,185,050
.7 : 3,185,051
.7 : 3,187,651
.7 : 3,190,198
.7 : 3,190,199
.7 : 3,190,200
.7 : 3,194,131
.7 : 3,195,430
.7 : 3,196,765
.7 : 3,196,766
.7 : 3,196,767
.7 : 3,207,050
.7 : 3,212,417
.7 : 3,220,324
.7 : 3,221,621
.7 : 3,221,622
.7 : 3,223,008
4.5 : 3,165,045
.5 : 3,169,458
.5 : 3,174,415
.5 : 3,182,574
.5 : 3,183,806
.5 : 3,183,812
.5 : 3,186,317
.5 : 3,188,929
.5 : 3,190,201
.5 : 3,191,510
.5 : 3,198,095
.5 : 3,204,539
.5 : 3,204,540
.5 : 3,207,051
.5 : 3,209,664
.5 : 3,213,770
.5 : 3,218,945
.5 : 3,224,349
10 : 3,164,075
3,165,037
3,165,038
3,165,989
3,165,990
3,173,347
3,176,598
3,176,599
3,177,786
3,182,575
3,183,807
3,183,808
3,185,052
3,185,053
3,186,318
3,186,319
3,186,320
3,187,652
3,191,511
3,194,132
3,194,133
3,194,134
3,194,135
3,194,136
3,198,096
3,199,425
3,200,720
3,205,795
3,205,796
3,205,797
3,205,798
3,205,799
3,211,068
3,212,418
3,212,419
3,213,771
3,213,772
3,213,773
3,218,946
3,220,325
3,220,326
3,221,623
10 : 3,221,624
3,224,350
11 : 3,168,023
3,168,024
3,172,344
3,172,345
3,173,348
3,175,479
3,179,027
3,185,054
3,185,055
3,188,930
3,190,202
3,191,512
3,194,137
3,195,431
3,196,768
3,196,769
3,196,770
3,198,097
3,199,426
3,204,541
3,204,542
3,205,800
3,208,363
3,213,774
3,217,622
3,223,009
3,223,010
.5 : RE.25,766
.5 : 3,171,337
.5 : 3,180,240
.5 : 3,181,443
.5 : 3,185,056
.5 : 3,200,721
.5 : 3,200,722
.5 : 3,200,723
.5 : 3,205,801
.5 : 3,205,802
.5 : 3,207,052
.5 : 3,211,069
.5 : 3,218,947
.5 : 3,220,327
.5 : 3,220,328
12 : 3,165,991
3,181,444
3,200,724
.5 : 3,212,420
.5 : 3,215,053
.5 : 3,217,623
.5 : 3,221,625
13 : 3,165,039
3,165,040
3,183,809
3,194,138
3,200,725
3,200,726
3,225,670
3,225,671
15 : 3,203,328
16 : 3,168,858
3,183,810
18 : 3,169,459
3,225,672
31 : RE.25,790
3,168,025
3,169,460
3,171,338
3,186,321
3,186,322
3,212,421
3,213,775
34 : 3,183,811
3,185,057
3,223,011
36 : 3,164,076
3,165,041
3,202,069
38 : 3,168,859
39 : 3,191,513
42 : 3,165,042
3,165,992
3,181,445
3,182,576
3,185,058
3,191,514
3,195,432
44 : 3,165,043
3,166,997
3,174,416
3,179,028
3,181,446
3,185,059
3,188,931
3,198,098
3,200,727
3,212,422
3,218,948
3,221,627
45 : 3,165,044
3,169,461
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45 : 3,183,813
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3,194,139
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3,224,351
3,225,673
48 : 3,165,993
49 : 3,174,417
3,174,418
50 : 3,182,577
53 : 3,185,062
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.3 : 3,198,099
.3 : 3,208,364
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.6 : 3,188,933
.6 : 3,194,140
54 : 3,194,141
55 : 3,205,804
57 : 3,173,349
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3,191,515
58 : 3,217,624
59 : 3,191,516
60 : 3,208,365
61 : 3,223,014
62 : 3,199,428
3,223,015
63 : 3,164,077
3,165,994
3,165,995
3,169,462
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3,200,729
3,203,329
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3,207,053
3,208,366
3,209,666
3,212,423
3,218,949
3,221,629
3,223,016
3,225,674
64 : RE.25,925
3,165,996
3,165,997
3,169,463
3,169,464
3,171,339
3,173,350
3,175,480
3,176,600
3,177,788
3,177,789
3,179,030
3,180,241
3,183,814
3,185,064
3,188,934
3,188,935
3,190,203
3,192,841
3,196,771
3,198,102
3,203,330
3,203,331
3,209,667
3,211,070
3,211,071
3,220,329
3,221,630
66 : 3,195,434
73 : 3,166,998
3,171,340
3,179,031
3,181,448
3,183,815
3,185,065
3,190,204
3,192,842
3,192,843
3,192,844
3,199,429
3,199,430
3,200,730
3,202,070
3,203,332
3,211,072
73 : 3,211,073
3,220,330
3,220,331
3,221,631
3,224,352
75 : 3,165,046
3,168,026
3,168,860
3,173,351
3,174,419
3,175,481
3,185,066
3,187,656
3,194,142
3,204,543
3,211,074
3,215,054
3,216,341
76 : 3,169,465
3,170,381
3,176,601
3,179,032
3,180,242
3,198,103
3,204,544
3,224,353
77 : 3,187,657
.5 : 3,165,047
.5 : 3,168,027
.5 : 3,174,420
.5 : 3,182,578
.5 : 3,198,104
.5 : 3,203,333
.5 : 3,215,055
.5 : 3,215,056
.5 : 3,217,625
.5 : 3,218,950
.5 : 3,224,354
.5 : 3,224,355
79 : 3,202,071
3,203,334
85 : 3,183,816
3,183,817
3,186,323
3,205,806
3,218,951
3,223,017
86 : 3,176,602
3,187,658
89 : 3,165,048
3,165,049
3,165,998
3,170,382
3,171,341
3,177,790
3,179,033
3,181,449
3,183,818
3,183,819
3,183,820
3,186,324
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3,187,659
3,190,205
3,192,845
3,195,435
3,196,772
3,202,072
3,203,335
3,203,336
3,208,367
3,225,675
3,225,676
90 : 3,195,436
3,202,073
.5 : 3,173,352
.5 : 3,177,791
94 : 3,177,792
3,177,793
3,186,326
3,192,846
3,195,437
3,195,438
3,216,342
3,224,356
95 : 3,166,999
3,202,074
97 : 3,192,847
98 : 3,172,346
3,180,243
100 : 3,199,431
3,204,545

Class 96

1 : 3,165,405
3,166,418
3,166,419
3,166,420
3,169,060
3,169,061
3,169,062
3,170,790

1 : 3,174,854
3,174,855
3,174,856
3,178,281
3,180,729
3,180,730
3,186,838
3,186,839
3,188,208
3,189,447
3,192,043
3,196,008
3,196,009
3,196,010
3,196,011
3,196,012
3,196,013
3,197,307
3,198,632
3,203,795
3,206,306
3,206,307
3,207,601
3,210,184
3,210,185
3,212,887
3,212,888
3,212,889
3,212,890
3,214,272
3,215,527
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3,218,163
3,220,830
3,220,831
3,220,832
3,220,833
3,226,227
3 : 3,165,406
3,173,786
3,185,567
3,188,209
3,192,044
9 : 3,186,840
22 : 3,165,407
3,168,400
3,171,740
3,183,087
23 : 3,184,307
3,186,841
27 : 3,169,063
3,169,064
3,171,741
3,174,857
3,183,088
3,184,308
3,202,507
3,205,071
3,207,602
3,212,891
3,215,529
3,219,444
3,219,445
3,220,834
3,222,167
3,224,877
3,226,228
28 : 3,189,448
3,189,449
3,198,633
3,202,508
3,206,308
3,219,446
29 : 3,174,858
3,174,859
3,179,517
3,180,731
3,183,089
3,183,090
3,184,309
3,186,842
3,196,014
3,196,015
3,203,796
3,211,551
3,212,892
3,218,164
3,220,835
3,220,836
3,220,837
3,220,838
3,222,168
3,222,169
3,222,170
3,222,171
3,223,524
32 : 3,210,186
33 : RE.25,885
3,168,401
3,169,065
3,174,860
3,175,905
3,175,906
33 : 3,179,518
3,180,732
3,180,733
3,188,210
3,197,308
3,199,981
3,219,447
34 : 3,171,742
35 : 3,169,066
3,170,791
3,170,792
3,173,787
3,179,519
3,198,634
3,201,237
3,210,187
3,222,172
3,222,173
3,223,525
3,226,229
36 : 3,175,907
3,188,211
3,189,450
3,201,238
3,201,239
3,202,509
3,214,273
3,222,174
3,222,175
37 : 3,185,568
38 : 3,175,908
3,210,188
43 : 3,196,016
46 : 3,223,526
47 : 3,194,659
3,194,660
48 : 3,164,467
3,183,091
3,192,045
3,194,661
3,201,240
3,215,530
3,218,165
49 : 3,164,468
3,164,469
3,166,421
3,171,743
3,171,744
3,173,788
3,178,283
3,184,310
3,189,451
3,199,982
3,201,241
3,203,797
3,203,798
3,224,878
53 : 3,203,799
3,223,527
55 : 3,189,452
3,199,983
3,201,242
3,212,893
3,212,894
3,222,176
3,226,230
56 : 3,174,862
3,201,243
3,201,244
59 : 3,210,189
61 : 3,167,429
3,170,793
3,173,789
3,189,453
3,189,454
3,201,246
3,212,895
3,219,448
3,220,839
3,226,231
3,226,232
63 : 3,206,309
3,212,896
66 : 3,169,863
3,178,284
3,186,843
67 : 3,203,800
3,206,310
3,218,166
3,219,449
3,219,450
3,219,451
3,220,840
3,222,177
68 : 3,178,282
69 : 3,222,178
73 : 3,178,285
74 : 3,177,078
3,178,286
3,180,734
3,211,552
75 : 3,166,422
3,169,864
75 : 3,172,763
3,201,247
3,202,510
3,207,603
3,208,849
3,211,553
76 : 3,165,408
3,201,248
78 : 3,220,841
82 : 3,181,948
3,181,949
3,181,950
3,226,233
83 : 3,168,402
3,183,092
3,220,842
84 : 3,178,287
3,201,249
3,220,843
85 : 3,169,865
3,184,311
3,212,897
3,214,274
3,218,167
3,218,168
3,220,844
3,220,845
87 : 3,169,866
3,169,867
3,178,288
3,186,844
3,201,250
3,201,251
3,203,801
3,203,802
3,206,311
3,206,312
3,216,825
90 : 3,169,868
3,205,072
3,212,898
91 : 3,169,067
3,169,869
3,183,093
3,186,845
3,189,455
3,203,803
3,208,850
3,220,846
92 : 3,183,094
94 : 3,165,409
3,169,870
3,178,289
3,184,312
3,185,569
3,186,846
3,201,252
3,220,847
3,223,528
95 : 3,192,046
3,212,899
99 : 3,178,290
3,178,291
3,202,511
3,210,190
3,211,554
3,211,555
3,211,556
100 : 3,183,095
101 : 3,184,313
102 : 3,189,456
104 : 3,173,791
106 : RE.25,824
3,196,017
107 : 3,165,410
3,173,790
3,179,520
3,189,457
3,190,752
3,201,253
3,201,254
3,210,191
3,210,192
108 : 3,178,292
3,178,293
3,189,458
3,206,313
3,219,452
109 : 3,185,570
3,193,386
3,202,512
3,212,900
110 : 3,185,571
111 : 3,174,861
3,186,847
3,186,848
3,189,459
3,207,604
3,220,848
3,220,849
3,226,234
114 : 3,165,411
3,165,412
114 : 3,167,430
3,168,403
3,178,294
3,178,295
3,178,296
3,203,804
3,218,169
115 : 3,168,404
3,201,255
3,202,513
3,203,805
3,218,170
116 : 3,164,470

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1 : 3,165,050
3,170,383
3,172,347
3,200,731
.5 : 3,169,466
.5 : 3,192,848
.5 : 3,194,143
.5 : 3,205,807
.5 : 3,211,075
.5 : 3,215,057
2 : 3,172,348
3,177,794
3,180,244
3,190,206
3,195,439
3,195,440
3,200,732
3,202,075
3,202,076
3,205,808
3,208,368
3,211,076
6 : 3,194,144
9 : 3,200,733
29 : 3,173,353
30 : 3,170,384
31 : 3,207,054
3,223,018
32 : 3,196,773
33 : 3,191,517
3,199,432
3,207,055
3,221,632
3,225,677
36 : 3,170,385
3,172,349
3,188,936
3,190,207
3,203,337
3,207,056
3,211,077
3,211,078
3,215,058
3,215,059
3,218,952
37 : 3,164,078
3,165,999
3,170,386
3,174,421
3,192,849
38 : 3,180,245
3,186,327
3,186,328
3,187,662
3,192,850
3,209,668
3,212,424
39 : 3,166,000
3,204,546
40 : RE.25,948
3,165,051
3,165,052
3,166,001
3,169,467
3,170,387
3,172,350
3,174,422
3,176,603
3,176,604
3,177,795
3,177,796
3,177,797
3,179,034
3,180,246
3,181,450
3,182,579
3,183,821
3,185,067
3,185,068
3,185,069
3,186,329
3,187,660
3,187,661
3,190,208
3,194,145
3,195,441
3,200,734
40 : 3,202,077
3,202,078
3,204,547
3,205,809
3,207,057
3,217,626
3,217,627
3,217,628
3,220,332
3,221,633
3,223,019
42 : RE.25,921
3,174,423
3,182,580
3,185,070
3,202,079
3,209,669
3,213,776
43 : 3,188,937
3,199,433
3,202,080
3,202,081
3,212,425
46 : 3,173,354
3,186,330
3,200,735
3,211,079
50 : 3,164,079
3,225,678
55 : RE.25,862
3,196,774
3,199,434
59 : 3,181,451
3,216,343
60 : 3,192,851
62 : 3,192,852
72 : 3,211,080
76 : 3,168,861
83 : 3,183,822
84 : 3,209,670
86 : 3,182,581
88 : 3,202,082
94 : 3,165,053
96 : 3,221,634
103 : 3,225,679
106 : 3,171,342
3,173,355
3,190,209
110 : 3,168,028
114 : 3,203,338
115 : 3,168,029
3,168,030
3,168,031
3,176,605
3,194,146
3,199,435
3,205,810
3,207,058
3,217,629
3,217,630
3,218,953
3,221,635
116 : 3,202,083
3,205,811
119 : 3,171,343
3,173,356
3,204,548
3,223,020
121 : 3,188,938
3,217,631
3,221,636

Class 99

1 : 3,167,431
3,169,871
3,174,863
3,174,864
3,194,662
3,197,309
3,208,851
3,210,193
3,215,531
2 : 3,173,792
3,180,735
3,185,572
3,185,573
3,196,018
3,196,019
3,198,635
3,202,514
3,203,806
3,210,194
3,212,901
3,218,171
3,222,179
4 : 3,171,745
3,208,852
3,208,853
3,219,453
6 : 3,165,413
7 : 3,192,047
8 : 3,172,764
8 : 3,184,314
3,218,172
9 : 3,212,902
14 : 3,210,195
17 : 3,175,909
3,177,079
3,197,310
18 : 3,164,471
3,170,794
19 : 3,218,173
23 : 3,184,315
3,199,984
3,218,174
28 : 3,218,175
3,219,454
29 : 3,210,196
31 : 3,207,605
3,207,606
35 : 3,198,636
48 : 3,175,912
3,193,387
3,202,515
3,222,180
3,223,529
50.5 : 3,222,181
51 : 3,171,746
3,175,910
52 : 3,164,472
3,173,793
3,226,235
54 : 3,174,865
3,174,866
56 : 3,164,473
3,199,985
3,215,532
57 : 3,201,245
60 : 3,186,849
3,194,663
3,207,607
63 : 3,201,256
68 : 3,189,460
71 : 3,164,474
3,181,951
3,181,952
77 : 3,192,048
3,222,182
1 : 3,175,911
.1 : 3,183,096
.1 : 3,193,388
.1 : 3,208,854
.1 : 3,215,533
78 : 3,169,872
3,181,953
3,181,954
3,186,850
80 : 3,164,475
3,181,955
3,189,461
3,189,462
3,190,754
3,194,664
81 : 3,173,794
3,190,755
83 : 3,184,316
85 : 3,172,765
3,192,049
3,214,275
86 : 3,185,574
3,189,463
3,198,637
90 : 3,174,867
3,184,317
3,190,756
3,193,389
3,208,855
3,212,903
3,219,455
3,220,850
91 : 3,168,405
3,180,736
92 : 3,164,476
3,175,913
3,219,456
93 : 3,167,432
3,171,747
3,190,796
3,222,184
3,222,185
95 : 3,205,073
96 : 3,167,433
3,193,390
98 : 3,220,851
99 : 3,168,406
100 : 3,165,414
3,175,914
100 : 3,196,020
3,197,311
3,205,074
3,220,852
103 : 3,178,297
105 : 3,165,415
3,169,873
3,211,557
107 : 3,166,423
3,183,097
3,188,212
3,188,213
3,192,051
3,207,608
3,208,856
3,215,534
3,216,826
3,224,881
108 : 3,173,795
3,177,080
3,216,827
109 : 3,167,434
3,170,797
3,179,521
3,180,737
3,188,214
3,199,986
3,203,807
3,215,535
3,223,530
3,223,531
111 : 3,180,738
3,222,186
113 : 3,201,257
3,206,314
3,216,828
3,219,457
114 : 3,207,609
115 : 3,184,318
116 : 3,164,477
3,172,767
3,175,915
3,189,464
3,212,905
118 : 3,167,435
3,170,798
3,170,799
3,171,748
3,174,868
3,175,916
3,199,987
3,211,558
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122 : 3,189,465
3,210,197
123 : 3,173,796
3,185,575
3,186,851
3,189,466
3,194,665
3,208,857
3,223,532
3,224,882
128 : 3,216,830
129 : 3,185,576
130 : 3,218,176
134 : 3,206,315
3,208,858
3,218,177
3,220,853
135 : 3,205,075
3,215,536
136 : 3,183,098
3,186,852
138 : 3,202,516
139 : 3,190,757
3,194,666
3,199,988
3,210,198
3,224,883
3,224,884
140 : 3,183,099
3,198,638
3,214,276
3,222,187
3,223,533
3,223,534
141 : 3,170,800
3,170,801
3,173,797
142 : 3,205,076
145 : 3,170,802
148 : 3,206,316
154 : 3,167,436
155 : 3,219,458
157 : 3,193,391
159 : 3,186,853
3,220,854
3,220,855
161 : 3,212,906
163 : 3,186,854
3,208,859
168 : 3,189,467

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168 : 3,189,468
3,192,052
169 : 3,165,416
171 : 3,169,068
3,171,749
3,172,768
3,183,100
3,183,101
3,184,319
3,185,577
3,185,578
3,194,667
3,194,668
3,207,610
3,210,199
3,212,907
3,216,831
3,218,178
3,222,188
3,223,535
3,226,236
172 : 3,164,478
3,177,081
3,180,739
3,185,579
3,190,758
3,222,189
3,222,190
174 : 3,181,956
3,193,392
3,205,077
3,222,191
175 : 3,214,277
3,216,832
176 : 3,222,192
3,224,885
177 : 3,192,050
178 : 3,218,179
179 : 3,175,917
180 : 3,201,258
3,210,200
182 : 3,166,424
3,169,874
3,180,740
3,193,393
186 : 3,183,102
3,198,639
187 : 3,190,759
3,192,053
3,193,394
188 : 3,181,957
192 : 3,166,425
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3,188,215
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3,214,278
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3,219,460
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203 : 3,185,580
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204 : 3,169,875
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215 : 3,226,237
221 : 3,215,539
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276 : 3,216,345
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362 : 3,165,055
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394 : 3,220,335
399 : 3,220,336
400 : 3,169,469
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421 : 3,168,862
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442 : 3,191,520
444 : 3,211,082
445 : 3,183,823
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446 : 3,166,006
3,225,682

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37 : 3,191,521
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38 : 3,190,212
39 : 3,180,249
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42 : 3,179,039
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47 : 3,182,587
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51 : 3,186,334
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53 : 3,169,472
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74 : 3,181,454
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98 : 3,174,425
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289 : 3,190,216

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32 : 3,194,152
35 : 3,175,485
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36 : 3,225,688
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38 : 3,164,081
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42 : 3,174,426
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43 : 3,168,863
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45 : 3,199,444
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66 : 3,196,781
69 : 3,180,254
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76 : 3,216,347
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91 : 3,164,082
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93 : Re.25,830
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115 : 3,175,488
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131 : 3,170,394
132.5 : 3,181,459
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142 : 3,164,087
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.5 : 3,195,455
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157 : 3,186,335
170 : 3,198,111
174 : 3,198,112
177 : 3,177,804
178 : 3,173,360
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181 : 3,165,056
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182 : 3,177,805
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184 : 3,167,007
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217 : 3,196,788
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219 : 3,191,531
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227 : 3,174,428
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287 : 3,168,039
288 : 3,194,154
316 : 3,198,115
329 : 3,167,009
333 : 3,215,073
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348 : 3,179,047
349 : 3,167,010
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350 : Re.25,881
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352 : 3,186,338
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415.1 : Re.25,877
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7 : 3,179,048
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8 : 3,175,489
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13 : 3,167,013
14 : 3,175,490
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16 : 3,169,477
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18 : 3,196,790
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19 : 3,183,835

19.2 : 3,170,399
20 : 3,172,360
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25 : 3,172,361
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26 : 3,179,049
27 : 3,169,480
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28 : 3,167,014
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35.4 : 3,200,744
37.6 : 3,202,099
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.8 : 3,200,745
38 : 3,165,058
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44 : 3,185,095
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49 : 3,166,014
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49 : 3,167,016
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52 : 3,203,349
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54 : 3,205,822
56 : 3,217,650
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58 : 3,218,976
64 : 3,164,091
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65.2 : 3,174,431
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86.5 : 3,169,483
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92 : 3,208,387
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46 : 3,182,598
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53 : Re.25,934
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54 : 3,170,406
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3,194,165
3,194,166
3,195,466
3,195,467
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3,196,798
3,198,125
3,200,753
3,203,352
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3,205,827
3,213,797
3,215,083
3,218,981
3,220,349
3,220,350
3,221,661
3,223,043
3,225,698
88 : 3,180,269
3,200,754
3,217,654
89 : 3,168,048
92 : 3,176,621
93 : 3,165,064
96 : 3,168,869
3,185,100
97 : 3,164,097
3,168,870
98 : 3,208,389
99 : 3,218,982
102 : 3,175,501
3,204,562
103 : 3,167,021
3,169,486
3,171,357
3,174,434
3,181,471
3,188,966
3,190,226
3,205,828
3,211,101
3,217,655
3,221,662
3,224,376
107 : 3,196,799
108 : 3,168,871
3,188,967
109 : 3,188,968
111 : 3,180,270

111 : 3,183,841
3,185,101
3,213,798
3,216,361
3,217,656
3,220,352
113 : 3,191,539
3,200,755
3,203,354
3,208,390
3,211,102
115 : 3,192,862
117 : 3,165,065
3,168,049
3,183,842
3,190,227
3,202,103
3,208,391
3,211,103
3,218,983
118 : 3,198,126
120 : 3,164,098
3,168,043
3,175,502
3,180,271
3,181,472
3,187,676
3,187,677
3,200,756
3,204,563
3,209,698
3,209,699
3,225,699
121 : 3,186,347
123 : 3,166,017
3,216,362
125 : 3,182,600
126 : Re.25,801
3,165,066
3,166,018
3,170,408
3,170,409
3,171,358
3,171,359
3,172,366
3,173,374
3,174,435
3,188,969
3,191,540
3,195,469
3,196,800
3,198,127
3,203,355
3,204,564
3,208,392
3,208,393
3,213,799
3,213,800
3,218,984
3,221,663
128 : 3,164,099
129 : 3,169,487
130 : 3,175,503
3,175,504
3,190,228
3,221,664
131 : 3,195,470
132 : 3,194,167
135 : 3,175,505
3,186,348
136 : 3,167,022
3,167,023
3,173,375
3,175,506
3,183,843
3,187,678
3,187,679
3,191,541
3,194,168
3,204,565
3,204,566
3,207,078
3,207,079
3,211,104
3,213,801
3,216,363
3,221,665
3,223,044
137 : 3,199,459
3,216,364
139 : Re.25,818
3,166,019
3,204,567
3,225,700
144 : 3,185,102
3,213,803
148 : 3,164,100
3,171,360
3,190,229
3,203,356
3,215,084
149 : 3,172,367
3,175,507
3,176,622

149 : 3,180,272
3,192,863
150 : Re.25,849
3,182,601
3,186,349
3,186,350
3,186,351
3,188,970
3,192,864
3,198,128
3,200,757
3,200,758
3,204,568
3,205,829
3,208,394
3,209,700
3,212,446
3,223,045
3,224,377
152 : 3,164,101
3,176,623
3,182,602
3,190,230
3,192,865
3,194,169
3,194,170
3,205,830
3,207,080
3,212,447
3,213,804
153 : 3,165,067
3,176,624
3,179,059
3,180,273
3,181,473
3,181,474
3,185,103
3,200,759
3,203,357
3,207,081
3,216,365
3,220,351
155 : 3,164,102
3,187,680
157 : 3,168,872
158 : 3,202,104
161 : 3,165,068
3,165,069
3,168,050
3,187,681
3,192,866
3,192,867
3,194,171
3,199,460
3,211,105
3,216,366
3,223,046
3,225,701
162 : 3,169,488
3,171,361
3,173,376
3,173,377
3,175,508
3,175,509
3,175,510
3,175,511
3,179,060
3,180,274
3,180,275
3,180,276
3,181,475
3,181,476
3,181,477
3,183,844
3,183,845
3,183,846
3,185,104
3,185,105
3,186,352
3,186,353
3,188,971
3,188,972
3,190,231
3,190,232
3,191,542
3,191,543
3,192,868
3,194,172
3,194,173
3,196,801
3,198,129
3,198,130
3,198,131
3,199,461
3,200,760
3,200,761
3,200,762
3,202,105
3,202,106
3,202,107
3,204,569
3,204,570
3,205,831
3,207,082

162 : 3,208,395
3,208,396
3,208,397
3,211,106
3,213,805
3,216,367
3,220,353
3,223,047
169 : 3,190,233
173 : 3,172,368
3,179,061
3,183,847
3,183,848
3,183,849
3,205,832
3,209,701
3,212,448
174 : 3,173,378
3,174,436
3,183,850
3,188,973
3,191,544
3,204,571
3,204,572
3,211,107
175 : 3,172,369
3,207,083
178 : 3,224,378
179 : Re.25,786
3,175,512
3,186,354
3,215,085
3,220,354
202 : 3,165,070
3,168,051
3,191,545
203 : 3,188,974
3,203,358
3,212,449
204 : 3,194,174
3,198,132
206 : 3,175,513
211 : 3,165,071
216 : 3,211,108
3,215,086
217 : 3,165,072
218 : 3,196,802
221 : 3,168,873
223 : 3,198,133
3,204,573
224 : 3,188,975
225 : 3,168,052
3,174,437
228 : 3,180,277
231 : 3,198,134
.5 : 3,200,763
232 : 3,172,370
3,175,514
3,194,175
3,208,398
3,213,806
3,215,087
3,218,985
233 : 3,192,869
235 : 3,180,278
238 : 3,173,379
244 : 3,195,471
249 : 3,202,108
255 : 3,185,106
260 : 3,208,399
3,212,450
3,216,368
262 : 3,166,020
3,175,515
3,188,976
3,213,807
3,215,088
3,217,657
263 : 3,185,107
264 : 3,200,764
276 : 3,215,089
278 : 3,187,682

Class 104

2 : 3,199,462
7 : 3,179,062
3,192,870
3,192,871
3,198,135
3,211,109
3,212,451
8 : 3,165,073
3,170,410
3,176,625
3,196,803
12 : 3,177,813
3,190,234
25 : 3,185,108
3,218,986
26 : 3,194,176
27 : 3,215,090
29 : 3,220,355
40 : 3,170,411

Class 104—Con.

45 : 3,185,109
52 : 3,200,765
54 : 3,204,574
60 : 3,195,472
3,202,109
3,205,833
63 : 3,167,024
88 : RE.25,723
3,168,053
3,171,362
3,174,438
3,174,439
3,177,814
3,194,177
3,200,766
3,200,767
89 : 3,168,874
3,180,279
3,207,084
3,217,658
91 : 3,177,815
3,183,851
3,195,473
3,212,452
93 : 3,192,872
96 : 3,176,626
3,196,804
98 : 3,218,987
99 : 3,204,575
102 : 3,223,048
109 : 3,217,659
114 : 3,217,660
3,224,379
3,224,380
3,225,702
118 : 3,169,489
119 : 3,194,178
120 : 3,174,440
3,208,400
3,209,702
3,225,703
121 : 3,194,179
3,225,704
123 : 3,211,110
124 : 3,212,453
134 : 3,164,103
3,168,875
3,190,235
135 : 3,187,683
138 : 3,213,802
148 : 3,198,136
149 : 3,179,063
3,211,111
151 : 3,220,356
162 : 3,186,355
3,192,873
3,208,401
166 : 3,164,104
172 : 3,175,516
3,176,627
3,179,064
3,195,474
3,196,805
3,196,806
3,196,807
3,200,768
173 : 3,166,021
3,170,412
3,175,517
3,196,808
3,209,703
3,221,666
3,221,667
176 : 3,169,490
3,212,454
3,216,369
191 : 3,218,988
196 : 3,202,110
235 : 3,188,977
244.1 : 3,181,478
245 : 3,180,280
247 : 3,188,978
254 : 3,204,576
258 : 3,173,380
259 : 3,215,091

Class 105

1 : 3,199,463
3,217,662
3,217,663
4 : 3,216,370
26 : 3,198,137
3,207,085
27 : 3,164,105
3,203,359
29 : 3,171,363
3,221,668
3,225,705
35 : 3,209,704
49 : 3,198,138
63 : 3,194,180
73 : 3,176,628
99 : 3,182,603
101 : 3,164,106
133 : 3,208,402
136 : 3,181,479
138 : 3,200,769
145 : 3,198,139
3,216,371
150 : 3,198,140
3,224,381
154 : 3,203,360
155 : 3,190,236
3,212,455
163 : 3,166,023
3,200,770
3,204,577
176 : 3,191,552
177 : 3,182,604
182 : 3,190,237
183 : 3,179,065
195 : 3,220,357
196 : 3,212,456
197 : 3,188,979
3,194,181
3,200,771
200 : 3,218,989
207 : 3,218,990
215 : 3,179,066
224.1 : 3,211,112
.1 : 3,220,358
240 : 3,166,024
3,169,491
3,173,381
3,188,980
247 : 3,192,874
248 : 3,187,684
250 : 3,167,026
253 : 3,187,685
261 : 3,166,022
271 : 3,192,875
276 : 3,186,356
282 : 3,167,027
3,170,413
3,183,852
3,204,578
3,224,382
284 : 3,192,876
342 : 3,182,605
354 : 3,182,606
358 : 3,194,182
360 : 3,192,877
366 : 3,167,028
3,168,054
3,172,371
3,180,281
3,182,607
3,182,608
3,220,359
3,224,383
367 : 3,186,357
3,225,706
368 : 3,168,876
3,168,877
3,168,878
3,173,382
3,179,067
3,180,282
3,180,283
3,180,284
3,180,285
3,181,480
3,182,609
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3,183,853
3,183,854
3,187,686
3,188,981
3,188,982
3,195,475
3,203,361
3,204,579
3,204,580
3,205,834
3,205,835
3,205,836
3,207,086
3,218,991
3,221,669
3,224,384
3,225,707
369 : 3,165,074
3,165,075
3,171,364
3,177,816
3,179,068
3,183,855
3,185,110
3,192,878
3,192,879
3,199,464
3,200,772
3,202,111
3,202,112
3,204,581
369 : 3,209,705
3,209,706
3,212,457
3,212,458
3,218,992
3,224,385
374 : 3,167,029
375 : 3,221,670
376 : 3,168,055
3,176,629
3,185,111
3,191,546
3,200,773
3,203,362
3,203,363
3,208,403
3,209,707
3,212,459
3,215,092
3,217,664
377 : 3,167,030
3,169,492
3,175,518
3,175,519
3,176,630
3,181,481
3,190,238
3,194,183
3,217,661
378 : 3,165,076
3,190,239
3,191,547
3,191,548
3,191,549
380 : 3,225,708
392.5 : 3,195,476
.5 : 3,223,049
.5 : 3,224,386
401 : 3,177,817
404 : 3,175,520
3,180,286
3,191,550
409 : 3,185,112
420 : 3,223,050
422 : 3,173,383
3,194,184
3,195,477
3,221,671
453 : 3,191,551
3,212,460
454 : 3,192,880
3,209,708
3,223,051
3,223,052
455 : 3,207,087
3,225,709
458 : 3,195,478
3,203,364
3,216,372
3,216,373

Class 106

1 : 3,203,811
3,216,834
3,216,835
3,222,195
10 : 3,164,481
12 : 3,189,469
13 : 3,212,909
14 : 3,199,989
3,202,517
3,207,611
15 : 3,168,407
3,169,071
3,179,522
3,192,057
3,193,397
3,197,313
3,197,314
3,199,990
3,201,265
3,214,279
3,214,280
3,214,281
3,220,858
3,224,890
18 : 3,223,536
19 : 3,220,859
31 : 3,214,282
32 : 3,199,991
33 : 3,193,398
3,226,238
38.22: 3,211,560
.23: 3,186,855
.23: 3,219,465
.27: 3,224,887
.3 : 3,198,640
.35: 3,179,523
.35: 3,203,812
.35: 3,210,202
.35: 3,210,203
.5 : 3,226,239
.8 : 3,196,022
39 : 3,169,072
3,170,805
3,179,524
3,179,525
3,180,741
3,189,470
3,199,992
3,201,266
3,205,079
3,215,542
40 : 3,174,870
3,202,518
3,203,813
3,223,537
3,223,538
41 : 3,175,918
43 : 3,165,417
44 : 3,164,482
3,164,483
3,193,399
3,203,814
3,205,080
3,220,860
46 : 3,167,438
47 : 3,177,082
3,188,216
3,193,400
3,198,641
3,215,543
3,215,544
3,216,836
3,220,861
48 : 3,171,750
3,180,742
3,184,320
3,210,204
49 : 3,203,815
50 : 3,166,428
3,183,104
3,189,471
52 : 3,188,217
3,188,218
54 : 3,174,871
3,193,401
3,198,642
3,203,816
3,208,860
55 : 3,189,472
3,194,671
3,199,993
3,199,994
3,206,318
3,215,545
56 : 3,174,872
3,202,519
3,210,205
3,215,546
3,224,888
57 : 3,175,919
3,179,526
3,181,958
3,189,473
3,192,058
3,192,059
3,196,023
3,208,861
3,216,837
58 : 3,171,751
3,178,298
3,184,321
3,193,402
3,199,995
3,219,466
3,222,196
59 : 3,180,743
3,180,744
3,180,745
3,184,322
3,188,219
3,188,220
3,194,672
3,198,643
3,201,267
3,210,206
63 : 3,218,180
64 : 3,181,959
3,181,960
3,223,539
3,226,240
65 : 3,197,315
3,205,081
3,220,862
3,223,540
3,226,241
66 : 3,208,862
68 : 3,201,268
69 : 3,207,612
3,215,547
3,216,838
3,223,541
72 : 3,205,082
74 : 3,180,746
3,180,747
82 : 3,186,857
84 : 3,178,299
3,222,197
85 : 3,167,439
3,179,527
3,202,520
86 : 3,189,474
3,199,996
89 : 3,188,221
3,188,222
3,223,542
90 : 3,179,528
3,183,105
3,190,762
3,197,316
3,202,521
3,210,207
3,215,548
3,215,549
3,219,467
93 : 3,169,877
3,198,644
94 : 3,208,863
96 : 3,220,863
97 : 3,192,060
3,197,317
3,214,283
98 : 3,226,242
99 : 3,169,878
3,202,522
100 : 3,194,673
103 : 3,183,106
104 : 3,180,748
109 : 3,226,243
110 : 3,183,107
3,199,997
115 : 3,179,529
119 : 3,206,319
122 : 3,165,418
3,178,300
3,186,858
3,196,024
123 : 3,216,839
124 : 3,172,771
3,178,301
128 : RE.25,884
3,168,408
135 : 3,207,613
3,220,864
139 : 3,169,073
3,188,223
141 : 3,203,817
148 : 3,210,208
150 : 3,167,440
153 : 3,183,108
154 : 3,206,320
3,206,321
162 : 3,212,910
163 : 3,173,798
3,208,864
3,218,181
165 : 3,222,198
168 : 3,167,441
3,168,409
170 : 3,198,645
3,220,865
176 : 3,166,429
3,169,879
3,173,799
3,205,083
3,215,550
177 : 3,216,840
3,224,889
180 : 3,211,561
181 : 3,220,866
186 : 3,190,763
3,211,562
187 : 3,208,865
194 : 3,171,752
195 : 3,188,224
208 : 3,197,318
3,216,841
213 : 3,181,961
3,211,563
3,222,199
3,223,543
3,223,544
3,224,891
214 : 3,211,564
219 : 3,178,302
236 : 3,215,551
3,216,842
243 : 3,180,749
245 : 3,186,856
252 : 3,183,109
3,192,061
253 : 3,210,209
263 : 3,179,530
264 : 3,166,431
268 : 3,184,323
270 : 3,180,750
3,192,062
271 : 3,199,998
3,202,523
3,222,200
274 : 3,173,800
280 : 3,201,269
284 : 3,196,025
285 : 3,170,806
3,222,201
287 : 3,177,083
3,183,110
3,196,026
3,196,027
3,197,319
3,197,320
3,197,321
3,199,999
3,207,614
3,223,545
288 : 3,218,182
3,223,546
3,224,892
290 : 3,181,962
291 : 3,188,225
3,205,084
292 : 3,198,646
299 : 3,165,419
3,166,430
3,168,410
3,171,753
3,183,111
3,189,475
300 : 3,169,074
3,172,772
3,174,873
3,178,303
3,202,524
3,203,818
3,205,085
3,208,866
3,212,911
3,214,284
3,219,468
3,220,867
301 : 3,220,868
302 : 3,201,270
303 : 3,196,028
306 : 3,197,322
3,202,525
307 : 3,178,304
3,203,819
3,216,843
3,222,202
3,226,244
308 : 3,198,647
3,208,867
3,211,565
3,211,566
3,211,567
3,211,568
3,211,569
309 : 3,200,000
314 : 3,197,323
316 : 3,183,112
3,203,820
3,222,203
3,223,547
3,224,893

Class 107

1 : 3,167,031
3,182,611
3,183,856
3,190,240
3,196,809
3,196,810
3,203,365
3,213,808
3,215,093
3,216,374
3,221,672
4 : 3,167,032
3,181,482
3,207,088
3,207,089
3,223,053
7 : 3,171,365
3,177,818
3,186,358
8 : 3,166,025
3,205,837
3,221,673
9 : 3,168,056
3,172,372
3,186,359
3,225,710
10 : 3,220,360
12 : 3,191,553
3,220,361
14 : 3,166,026
3,167,033
3,168,057
3,168,058
3,168,059
3,170,414
3,174,441
3,176,631
14 : 3,177,819
3,177,820
3,177,821
3,180,287
3,182,612
3,183,857
3,183,858
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3,186,360
3,186,361
3,188,983
3,192,881
3,198,141
3,199,465
3,202,113
3,203,366
3,203,367
3,204,582
3,205,838
3,207,090
3,207,091
3,207,092
3,216,375
3,217,665
3,218,993
3,221,674
3,224,387
3,225,711
3,225,712
15 : 3,177,822
3,179,069
3,195,479
3,203,368
3,218,994
17 : 3,171,366
3,175,521
3,225,713
19 : 3,225,714
27 : 3,167,034
29 : 3,203,369
30 : 3,164,107
3,198,142
3,203,370
3,225,715
31 : 3,203,371
36 : 3,169,493
46 : 3,166,027
47 : 3,186,362
48 : 3,208,404
50 : 3,217,666
54 : 3,167,035
3,169,494
3,171,367
3,194,185
3,199,466
3,202,114
3,208,405
3,212,461
3,215,094
3,221,675
57 : 3,173,384
3,196,811
3,202,115
3,225,716
69 : 3,225,717
3,225,718

Class 108

2 : 3,183,860
4 : 3,167,036
6 : 3,167,037
7 : 3,200,774
9 : 3,187,687
3,211,113
13 : 3,195,480
16 : 3,207,093
23 : 3,217,667
24 : 3,203,372
25 : 3,166,028
3,181,483
3,217,668
26 : 3,169,495
3,188,984
27 : 3,170,415
3,174,442
3,192,882
3,209,709
28 : 3,164,108
3,198,143
3,207,094
3,217,669
3,221,676
30 : 3,209,710
3,217,670
33 : 3,165,077
42 : 3,170,416
3,170,417
3,172,373
44 : 3,164,109
45 : 3,190,241
46 : 3,194,186
3,202,116
47 : 3,185,113

48 : 3,198,144
49 : 3,199,467
50 : 3,181,484
3,215,095
51 : 3,172,374
3,204,583
3,212,462
53 : 3,168,060
3,172,375
3,177,823
3,195,481
3,199,468
3,199,469
3,207,095
3,224,388
55 : 3,168,879
3,187,688
56 : 3,165,078
3,167,038
3,176,632
3,192,883
3,216,376
58 : 3,187,689
3,187,690
3,187,691
3,207,096
59 : 3,172,376
3,198,145
60 : 3,190,242
61 : 3,225,719
64 : 3,199,470
3,208,406
3,225,720
65 : 3,185,114
67 : 3,176,633
77 : 3,177,824
3,188,985
89 : 3,202,117
91 : 3,182,613
3,205,839
3,217,671
92 : 3,192,884
3,207,097
94 : 3,169,496
97 : 3,181,485
101 : 3,170,418
3,180,288
102 : 3,221,677
103 : 3,179,070
106 : 3,173,385
107 : 3,205,840
108 : 3,173,386
3,185,115
3,200,775
3,216,377
111 : 3,207,098
3,215,896
3,223,054
112 : 3,208,407
3,220,362
113 : 3,212,463
114 : 3,186,363
3,199,471
116 : 3,168,061
117 : 3,174,443
118 : 3,182,614
3,191,554
119 : 3,191,555
3,199,472
3,224,389
124 : 3,166,029
128 : 3,177,825
131 : 3,182,615
132 : 3,224,390
134 : 3,187,692
136 : 3,188,986
138 : 3,195,482
3,203,373
140 : 3,224,391
141 : 3,185,116
3,207,099
143 : 3,204,584
144 : 3,171,368
3,179,071
3,183,861
3,183,862
3,203,374
3,220,363
3,220,364
145 : 3,179,072
3,223,055
146 : 3,186,364
3,194,187
3,213,809
3,217,672
147 : 3,216,378
148 : 3,203,375
3,208,408
150 : 3,223,056
152 : 3,190,243
3,194,188
3,196,812
3,207,100
3,209,711

152 : 3,221,678
153 : 3,179,073
3,187,693
3,208,409
155 : 3,166,030
156 : 3,166,031
3,220,365
157 : 3,217,673
158 : 3,194,189
159 : 3,199,473
3,207,101
3,212,464
3,215,097
161 : 3,164,110
3,220,366

Class 109

1 : 3,164,111
3,172,377
3,173,387
3,196,813
3,204,585
3,208,410
58.5 : 3,213,810
59 : 3,183,863
3,223,057
63.5 : 3,194,190
82 : 3,205,841

Class 110

1 : 3,167,039
3,167,040
3,168,062
3,177,826
3,183,864
3,191,556
3,203,376
3,209,712
3,215,098
3,216,379
3 : 3,176,634
7 : 3,207,102
3,215,099
3,218,995
3,225,721
8 : 3,173,388
3,177,827
3,199,474
3,215,100
3,215,101
3,218,996
9 : 3,169,497
10 : 3,166,032
3,208,411
3,223,058
14 : 3,173,389
15 : 3,169,498
3,200,776
18 : 3,166,033
3,168,063
3,190,244
3,196,814
3,199,475
3,200,777
3,202,118
3,203,377
3,207,103
3,207,104
3,218,997
22 : 3,188,987
3,194,191
28 : 3,171,369
3,179,074
3,180,289
3,190,245
3,199,476
36 : 3,221,679
38 : 3,212,465
3,225,722
40 : 3,198,146
72 : 3,221,680
97 : 3,170,419
99 : RE.25,755
RE.25,903
3,170,420
3,171,370
3,172,378
3,174,444
3,181,486
3,181,487
3,183,865
3,187,694
3,187,695
3,187,696
3,198,147
3,198,148
3,199,477
3,199,478
3,204,586
3,204,587
3,205,842
3,208,412

99 : 3,212,466
3,213,811
3,220,367
101 : 3,181,488
104 : 3,174,445
3,195,483
106 : 3,195,484
3,205,843
119 : 3,187,697
165 : 3,218,998
173 : 3,194,192

Class 111

1 : 3,170,421
3,190,246
2 : 3,187,698
3 : 3,176,635
3,221,681
6 : 3,194,193
3,194,194
7 : 3,174,446
3,185,117
3,188,988
3,188,989
3,211,114
3,218,999
.3 : 3,166,034
9 : 3,220,368
10 : 3,220,369
34 : 3,208,413
51 : 3,176,636
3,185,118
3,220,370
52 : 3,177,828
3,177,829
3,224,392
61 : 3,175,522
77 : 3,219,000
80 : 3,213,812
85 : 3,177,830
3,180,290
3,180,291
3,200,778
3,202,119
3,204,588
86 : 3,195,485
3,217,674
89 : 3,175,523
91 : 3,171,371
3,175,524
3,204,589
96 : 3,170,422
3,202,120

Class 112

2 : 3,164,112
3,166,035
3,167,041
3,170,423
3,172,379
3,174,447
3,176,637
3,177,831
3,180,292
3,182,616
3,190,247
3,191,557
3,191,558
3,192,885
3,192,886
3,204,590
3,204,591
3,208,414
3,208,415
3,211,115
3,216,380
3,219,001
3,219,002
3,223,059
3,224,393
9 : 3,176,638
10 : 3,182,617
3,224,394
11 : 3,208,416
25 : 3,219,003
38 : 3,177,832
64 : 3,188,990
3,215,102
67 : 3,216,381
79 : 3,172,380
3,177,833
3,187,699
3,203,378
3,203,379
3,207,105
3,212,467
3,213,813
3,216,382
3,217,675
3,217,676
3,221,682
3,221,683

79 : 3,224,395
3,224,396
.5 : 3,165,079
80 : 3,225,723
83 : 3,177,834
90 : 3,183,866
102 : 3,168,064
104 : 3,174,448
3,183,867
3,207,106
105 : 3,168,065
3,190,248
110 : 3,182,618
112 : 3,165,080
113 : 3,181,489
114 : 3,203,380
3,216,383
3,221,684
118 : 3,180,293
3,183,868
3,198,149
122 : 3,203,381
3,203,382
123 : 3,167,042
3,171,372
3,176,639
3,176,640
134 : 3,198,150
3,203,383
138 : 3,221,685
139 : 3,195,486
140 : 3,183,869
3,216,384
151 : RE.25,945
3,203,384
3,215,103
152 : 3,198,151
3,200,779
3,203,385
153 : 3,186,365
3,198,152
154 : 3,194,195
3,224,397
155 : 3,213,814
158 : 3,177,835
3,188,991
3,191,559
3,194,196
3,200,780
3,208,417
3,215,104
3,216,385
3,217,677
3,221,686
3,221,687
160 : 3,205,844
162 : 3,192,887
3,221,688
168 : 3,173,390
3,173,391
3,194,197
170 : 3,207,107
184 : 3,217,678
188 : 3,211,116
197 : 3,191,560
203 : 3,182,619
3,187,700
3,203,386
206 : 3,216,386
207 : 3,196,815
209 : 3,174,449
3,198,153
3,202,121
210 : 3,198,154
212 : 3,191,561
3,208,418
215 : 3,195,487
217.1 : 3,168,880
218 : 3,203,387
3,213,815
219 : 3,168,066
3,168,881
3,170,424
3,174,450
3,176,641
3,186,366
3,187,701
3,187,702
3,195,488
3,196,816
3,199,479
3,204,592
3,209,713
3,217,679
220 : 3,170,425
3,224,398
221 : 3,207,108
228 : 3,215,105
3,223,060
231 : 3,199,480
232 : 3,176,642
240 : 3,170,426
3,204,593
242 : 3,164,113

252 : 3,173,392
3,173,393
3,181,490
3,182,620
3,186,367
3,188,992
3,191,562
3,194,198
3,211,117
3,215,106
3,217,680
254 : 3,190,249
258 : 3,188,993
3,204,594
261 : 3,172,381
262 : 3,165,081
3,179,075
3,208,419
3,221,689
3,224,399
265 : 3,213,816
266 : 3,166,036
3,168,882
3,176,643
3,195,489
3,220,371
402 : 3,187,703
407 : 3,208,420
410 : 3,174,451
3,203,388
3,216,387
3,225,724
3,225,725
411 : 3,168,883
412 : 3,185,119
420 : 3,199,481

Class 113

1 : 3,190,250
3,195,490
3,196,817
12 : 3,221,690
30 : 3,173,394
33 : 3,170,427
44 : 3,167,043
46 : 3,167,044
51 : 3,168,884
53 : 3,171,373
54 : 3,195,492
3,213,817
59 : 3,169,499
3,172,382
93 : 3,172,383
99 : 3,167,045
3,170,428
102 : 3,164,114
3,172,384
103 : 3,165,082
109 : 3,171,374
110 : 3,172,385
113 : 3,180,294
3,194,199
115 : 3,221,691
116 : 3,170,429
3,194,200
3,196,818
3,224,400
3,225,726
118 : 3,167,046
3,211,118
119 : 3,202,122
120 : 3,172,386
3,196,819
3,207,109
3,215,107
3,221,692
3,223,061
3,223,062
3,225,727
121 : 3,186,368
3,191,563
3,191,564
3,198,155
3,204,595
3,212,468
3,219,004
3,223,063
126 : 3,168,885
127 : 3,164,115
3,172,387
3,172,388
131 : 3,171,375
136 : 3,170,430

Class 114

.5 : 3,166,037
.5 : 3,179,076
.5 : 3,191,565
.5 : 3,205,845
.5 : 3,207,110
.5 : 3,215,108
.5 : 3,217,681

.5 : 3,224,401
.5 : 3,224,402
16 : 3,169,500
3,171,376
3,182,621
3,182,622
3,182,623
3,195,493
3,199,482
3,204,596
3,219,005
3,220,372
20 : 3,167,047
3,175,525
3,180,295
3,194,201
3,196,820
3,212,469
23 : 3,167,048
3,170,431
3,180,296
3,196,821
3,215,109
3,215,110
3,221,693
3,221,694
3,221,695
25 : 3,180,297
29 : 3,198,156
32 : 3,183,870
36 : 3,217,682
39 : 3,173,395
3,180,298
3,195,494
3,223,064
3,223,065
43.5 : 3,186,369
.5 : 3,191,566
.5 : 3,196,822
.5 : 3,216,388
.5 : 3,221,696
49 : 3,171,377
56 : 3,180,299
3,216,389
61 : 3,177,836
62 : RE.25,816
65 : 3,165,083
3,171,378
3,207,112
66.5 : 3,164,116
.5 : 3,164,117
.5 : 3,164,118
.5 : 3,164,119
.5 : 3,165,084
.5 : 3,168,067
.5 : 3,170,432
.5 : 3,171,379
.5 : 3,175,526
.5 : 3,175,527
.5 : 3,175,528
.5 : 3,177,837
.5 : 3,179,077
.5 : 3,180,300
.5 : 3,183,871
.5 : 3,185,120
.5 : 3,186,370
.5 : 3,191,567
.5 : 3,195,495
.5 : 3,195,496
.5 : 3,199,483
.5 : 3,199,484
.5 : 3,200,781
.5 : 3,200,782
.5 : 3,203,389
.5 : 3,207,120
.5 : 3,208,421
.5 : 3,208,422
.5 : 3,209,714
.5 : 3,211,119
.5 : 3,211,120
.5 : 3,213,818
.5 : 3,216,390
.5 : 3,216,391
.5 : 3,221,697
.5 : 3,221,698
.5 : 3,223,066
.5 : 3,225,728
.5 : 3,225,729
67 : 3,196,823
3,205,846
3,205,847
3,207,113
3,213,819
71 : 3,174,452
73 : 3,213,820
74 : 3,191,568
3,205,848
3,209,715
3,219,006
3,224,403
102 : 3,168,068
3,191,569
3,194,202
3,205,849

102 : 3,207,114
103 : 3,174,453
3,185,121
121 : 3,207,111
123 : 3,198,157
125 : 3,164,120
3,165,085
3,186,371
3,192,888
3,195,497
126 : 3,169,501
3,172,389
3,176,644
3,179,078
3,205,850
144 : 3,167,049
3,176,645
3,187,704
3,191,570
3,211,121
3,217,683
3,220,373
3,225,730
145 : 3,209,716
150 : 3,171,380
3,181,491
151 : 3,185,122
3,198,158
3,209,717
162 : 3,221,699
163 : 3,190,251
3,200,783
165 : 3,199,485
3,217,684
167 : 3,181,492
183 : 3,217,685
185 : 3,180,301
197 : 3,188,994
199 : 3,186,372
201 : 3,171,381
3,179,079
3,183,872
3,183,873
3,200,784
3,221,700
202 : 3,169,502
3,183,874
3,198,159
3,211,122
3,217,686
203 : 3,180,302
3,180,303
3,200,785
206 : RE.25,764
3,170,433
3,187,705
3,207,115
207 : 3,180,304
208 : 3,182,624
3,182,625
3,190,252
3,215,111
210 : 3,186,373
3,204,597
218 : 3,190,253
3,198,160
219 : 3,183,875
3,211,123
3,225,731
221 : 3,169,503
3,194,203
222 : 3,205,851
229 : 3,183,876
230 : 3,166,038
3,177,838
3,177,839
3,183,877
3,187,706
3,187,707
3,195,498
3,196,824
3,224,404
235 : 3,176,646
3,194,204
3,208,423
3,208,424
3,209,718
3,221,701
3,224,405
3,224,406
240 : 3,215,112

Class 115

.5 : 3,169,504
.5 : 3,170,434
.5 : 3,185,123
.5 : 3,188,995
.5 : 3,190,254
.5 : 3,202,123
.5 : 3,209,719
.5 : 3,209,720
.5 : 3,211,124
.5 : 3,220,374

Class 115—Con.

.5 : 3,221,702
.5 : 3,225,732
1 : 3,166,039
3,168,069
3,173,396
3,176,647
3,177,840
3,180,305
3,182,626
3,182,627
3,188,996
3,190,255
3,191,571
3,199,486
3,202,124
3,213,821
3,215,113
3,215,114
3,217,687
3,224,407
3 : 3,212,470
6.1 : 3,181,493
.1 : 3,196,825
.1 : 3,219,007
11 : 3,188,997
12 : 3,176,648
3,185,124
3,187,708
3,194,205
3,207,116
3,224,408
14 : 3,198,161
16 : 3,174,454
3,183,878
3,191,572
17 : 3,164,121
3,186,374
3,198,162
18 : 3,164,122
3,183,879
3,207,117
22.2 : 3,182,628
.2 : 3,190,256
23 : 3,180,306
3,225,733
25 : 3,211,125
26 : 3,164,123
.3 : 3,185,125
28 : 3,165,086
3,194,206
3,211,126
31 : 3,179,080
34 : 3,170,435
3,171,382
3,177,841
3,181,494
3,181,495
3,204,598
35 : 3,173,397
3,175,529
3,202,125
3,223,067
37 : 3,207,118
3,207,119
41 : 3,166,040
3,170,436
3,175,530
3,182,629
3,183,880
3,186,375
3,187,709
3,191,573
3,202,126
3,216,392
3,216,393
3,217,688
42 : 3,179,081
49 : 3,170,437
63 : 3,205,852
70 : 3,165,087
3,171,383
3,213,822

Class 116

18 : 3,207,121
20 : 3,164,124
24 : 3,168,886
27 : 3,194,207
28 : 3,168,070
3,187,710
3,199,487
31 : 3,165,088
3,203,390
34 : 3,164,125
3,185,126
3,208,425
42 : 3,183,881
63 : 3,192,889
3,200,786
65 : 3,223,068
67 : 3,172,390
70 : 3,181,496
3,182,630
3,183,882
3,187,711
3,200,787
3,209,721
3,211,127
3,212,471
3,220,375
3,221,703
3,223,069
3,224,409
86 : 3,185,127
104 : 3,180,307
106 : 3,177,842
114 : 3,164,126
3,166,041
3,179,082
3,180,308
3,183,883
3,186,376
3,194,208
3,198,163
3,199,488
3,204,599
3,207,122
3,213,823
3,213,824
3,217,689
.5 : 3,177,843
.5 : 3,192,890
115 : 3,182,631
3,198,164
3,202,127
3,224,410
.5 : 3,198,165
116 : 3,180,309
117 : 3,185,128
3,221,704
121 : 3,199,489
124 : 3,167,050
3,169,505
3,170,438
3,174,455
3,183,884
3,183,885
3,187,712
.3 : 3,187,713
.4 : 3,169,506
.4 : 3,181,497
129 : 3,175,531
3,181,498
3,188,998
3,202,128
3,204,600
3,208,426
3,216,394
3,219,008
132 : 3,221,705
133 : 3,180,310
3,187,714
3,190,257
134 : 3,165,089
3,219,009
135 : 3,166,042
3,202,129
3,203,391
3,208,427
137 : 3,164,127
3,165,090
3,169,507
3,169,508
3,169,509
3,188,999
3,189,000
3,194,209
3,212,472
3,212,473
142 : 3,171,384
3,207,123
169 : 3,181,499
171 : 3,207,124
173 : 3,183,886
3,209,722
3,217,690
3,219,010
3,225,734

Class 117

.5 : 3,219,469
1.7 : 3,186,859
.7 : 3,196,029
2 : 3,170,807
3 : 3,212,912
.1 : 3,212,913
4 : 3,200,001
3,205,086
3,206,322
3,207,615
3,215,552
5.1 : 3,177,084
.3 : 3,188,226
.5 : 3,177,085
5.5 : 3,180,751
.5 : 3,181,963
7 : 3,193,403
3,207,616
8 : 3,178,305
3,211,570
.5 : 3,192,063
9 : 3,207,617
10 : 3,196,030
11 : 3,185,582
3,220,869
3,224,894
15 : Re.25,751
3,196,031
3,218,183
16 : 3,196,032
17 : 3,203,821
3,212,914
.5 : 3,165,420
.5 : 3,166,432
.5 : 3,194,674
.5 : 3,198,648
.5 : 3,216,844
.5 : 3,223,548
18 : 3,186,860
3,188,227
3,207,618
3,208,868
3,208,869
3,212,915
3,218,184
19 : 3,184,324
20 : 3,170,808
21 : 3,167,442
3,183,113
3,184,325
3,196,033
3,197,324
3,203,822
3,208,870
3,218,185
3,226,245
22 : 3,189,476
3,220,870
23 : 3,179,531
3,181,964
26 : 3,168,411
3,194,675
27 : 3,169,075
3,207,619
3,208,871
3,222,204
3,222,205
29 : 3,218,186
33 : 3,165,421
3,168,412
.5 : 3,172,773
.5 : 3,207,620
.5 : 3,224,895
.5 : 3,226,246
.5 : 3,226,247
34 : 3,206,323
35 : 3,173,801
3,216,845
36.1 : 3,177,086
.1 : 3,186,861
.1 : 3,194,676
.1 : 3,207,621
.3 : 3,169,880
.3 : 3,203,832
.4 : 3,170,809
.4 : 3,186,862
.4 : 3,214,285
.7 : 3,164,484
.7 : 3,167,443
.7 : 3,180,752
.7 : 3,181,965
.7 : 3,194,677
.8 : 3,166,433
.8 : 3,167,444
.8 : 3,178,306
.8 : 3,185,583
.8 : 3,185,584
.8 : 3,219,470
.9 : 3,167,445
.9 : 3,185,585
37 : 3,181,966
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38 : 3,170,810
3,193,404
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40 : 3,222,206
41 : 3,214,286
42 : 3,167,446
43 : 3,164,485
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44 : 3,196,034
45 : 3,169,881
45 : 3,180,753
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46 : Re.25,792
3,164,487
3,167,447
3,172,774
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47 : 3,177,087
3,189,478
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49 : 3,211,571
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51 : 3,184,326
3,203,824
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54 : 3,185,586
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57 : 3,166,434
59 : 3,200,003
62 : 3,168,413
3,188,228
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.2 : 3,169,076
.2 : 3,183,114
.2 : 3,190,764
.2 : 3,196,037
63 : 3,184,327
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64 : 3,202,532
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3,222,209
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65.2 : 3,183,115
66 : 3,169,077
3,177,088
3,178,307
67 : 3,181,967
68 : 3,172,775
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69 : 3,200,004
70 : 3,175,920
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71 : 3,170,811
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72 : 3,177,089
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73 : 3,197,325
75 : 3,164,488
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83 : 3,202,536
93.1 : 3,220,873
.2 : 3,170,812
.2 : 3,172,776
93.2 : 3,190,768
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95 : 3,208,872
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98 : 3,179,534
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101 : 3,198,657
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102 : 3,168,414
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3,193,405
3,201,272
3,203,826
104 : 3,169,078
3,200,006
105.2 : Re.25,829
.2 : 3,190,769
.3 : 3,184,328
.3 : 3,205,089
106 : 3,173,802
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107 : 3,181,968
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.1 : 3,206,325
.2 : 3,175,924
.2 : 3,197,328
.2 : 3,203,827
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.2 : 3,222,212
109 : 3,201,273
111 : 3,175,925
113 : 3,177,091
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114 : 3,184,330
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119 : 3,186,865
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.2 : 3,202,538
.6 : 3,166,435
.6 : 3,222,213
.6 : 3,226,249
.8 : 3,223,549
120 : 3,193,406
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122 : 3,175,926
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123 : 3,175,927
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124 : 3,169,079
125 : 3,211,575
126 : 3,169,884
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127 : 3,186,867
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127 : 3,211,577
128.4 : 3,201,274
130 : 3,198,659
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132 : 3,177,092
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135.1 : 3,208,874
.5 : 3,165,423
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.5 : 3,183,118
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.8 : 3,220,879
.8 : 3,223,550
.8 : 3,224,901
.8 : 3,226,250
139.4 : 3,165,424
.4 : 3,168,415
.4 : 3,177,093
.4 : 3,184,332
.4 : 3,188,232
.4 : 3,198,660
.4 : 3,212,928
.5 : 3,166,436
.5 : 3,168,416
.5 : 3,178,309
.5 : 3,197,333
140 : 3,188,233
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141 : 3,173,803
142 : 3,178,310
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143 : 3,215,556
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145 : 3,188,234
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154 : 3,210,211
155 : 3,174,874
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156 : 3,184,333
160 : 3,178,311
161 : 3,188,235
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169 : 3,197,334
200 : 3,167,449
3,171,755
3,223,552
201 : 3,178,312
3,178,313
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3,226,254
202 : 3,166,437
205 : 3,181,970
3,210,213
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206 : 3,167,450
210 : 3,202,543
211 : Re.25,767
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212 : 3,164,489
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3,193,408
3,194,681
3,196,043
212 : 3,197,335
3,200,010
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3,210,214
3,222,216
3,226,255
3,226,256
213 : 3,168,417
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3,201,275
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3,220,880
3,222,217
3,222,218
215 : 3,170,813
3,206,329
3,223,553
216 : 3,177,094
3,207,625
3,216,855
217 : 3,171,757
3,200,011
3,218,194
3,220,881
3,223,554
218 : 3,190,770
3,201,276
3,206,330
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220 : 3,188,236
222 : 3,189,483
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223 : 3,215,557
226 : 3,206,331
227 : 3,167,451
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3,211,584
3,214,292
230 : 3,203,831
3,215,558
232 : 3,181,971
3,211,585

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1 : 3,167,452
3,186,377
2 : 3,166,438
3,190,258
3,190,259
3,205,853
3,220,376
3 : 3,183,887
3,190,260
4 : 3,207,125
5 : 3,177,844
3,215,115
7 : 3,168,418
3,195,499
3,196,826
8 : 3,186,378
3,190,261
3,220,377
9 : 3,166,439
3,172,779
3,220,378
11 : 3,191,574
3,198,166
3,200,788
14 : 3,185,129
16 : 3,177,845
3,192,891
3,220,379
19 : 3,167,453
3,225,735
24 : 3,196,827
25 : 3,164,490
3,177,846
32 : 3,205,854
41 : 3,208,428
42 : 3,169,080
43 : 3,199,490
46 : 3,173,804
48 : 3,190,262
3,198,167
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49 : 3,181,500
3,187,715
3,205,855
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49.1 : 3,213,826
.5 : 3,183,888
.5 : 3,213,827
50 : 3,172,780
58 : 3,207,127
60 : 3,169,081
63 : 3,174,456
3,187,716
3,196,828
64 : 3,187,717
3,209,723
67 : 3,205,856
68 : 3,199,491
69 : 3,192,893
70 : 3,181,501
3,195,500
72 : 3,164,491
76 : 3,192,894
3,204,601
100 : 3,164,492
101 : 3,174,875
3,190,263
104 : 3,179,083
3,182,632
3,194,210
109 : 3,166,440
115 : 3,203,392
119 : 3,175,532
123 : 3,199,492
124 : 3,209,724
126 : 3,187,718
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202 : 3,175,533
3,198,168
204 : 3,209,725
211 : 3,172,781
3,180,311
227 : 3,176,649
228 : 3,185,130
245 : 3,204,602
246 : 3,204,603
249 : 3,219,011
252 : 3,165,425
263 : 3,198,169
300 : 3,196,829
302 : 3,180,312
303 : 3,217,691
314 : 3,176,650
317 : 3,191,575
3,204,604
318 : 3,189,001
3,220,381
323 : 3,195,501
324 : 3,219,012
325 : 3,166,441
401 : 3,196,830
407 : 3,177,847
408 : 3,224,411
412 : 3,203,393
413 : 3,169,082
3,176,651
417 : 3,182,633
421 : 3,185,131
425 : 3,167,454
500 : 3,195,502
505 : 3,192,896
602 : 3,207,128
627 : 3,181,502
3,198,170
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637 : 3,167,455
3,169,886
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3,203,394
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638 : 3,211,129
641 : 3,195,503
642 : 3,173,806

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1 : 3,173,398
3,174,457
3,175,534
3,198,171
3,205,857
3,209,726
3,215,117
3,217,692
3,220,382
3,224,412
3 : 3,166,043
3,168,887
3 : 3,174,458
3,192,898
3,194,211
3,204,605
4 : 3,192,899
3,196,833
5 : 3,167,051
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14.01: 3,176,654
.07: 3,189,002
.07: 3,191,576
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15.5 : 3,203,396
16 : 3,191,577
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3,225,737
17 : 3,177,848
3,192,901
3,195,505
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18 : 3,164,128
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19 : 3,195,506
20 : 3,172,392
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21 : Re.25,714
23 : Re.25,878
3,177,849
3,182,634
3,195,507
3,198,172
3,205,858
25 : 3,200,789
27 : 3,166,044
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28 : 3,175,535
3,223,071
3,224,414
29 : 3,172,393
3,181,504
3,198,173
3,209,729
34 : 3,196,834
35 : 3,225,740
45 : 3,164,129
3,167,052
3,183,889
48 : 3,166,046
3,180,314
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50 : 3,166,047
51 : 3,164,130
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.11: 3,204,607
.11: 3,208,431
.11: 3,225,742
.12: 3,180,316
52 : 3,180,317
3,191,581
3,199,493
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53 : 3,168,071
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54 : 3,204,608
56 : 3,173,400
3,180,318
3,181,506
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61 : 3,176,655
3,180,319
3,191,582
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62 : 3,176,656
63 : 3,187,720
71 : 3,216,397
73 : 3,169,510
3,170,439
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75 : 3,179,085
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78 : 3,166,048
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79 : 3,217,694
80 : 3,185,134
82 : 3,225,744
96 : 3,166,049
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97 : 3,212,475
98 : 3,167,053
3,194,212
3,194,213
3,215,120
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99 : 3,195,513
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103 : 3,164,131
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106 : 3,213,830
107 : 3,172,394
109 : 3,198,175
119 : 3,203,398
120 : 3,189,003
3,203,399
124 : 3,189,004
133 : 3,173,401
142 : 3,167,054
143 : 3,176,657
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153 : 3,165,091
154 : 3,171,386
155 : 3,208,433
157 : 3,167,055
3,173,402
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3,187,722
3,190,266
3,196,836
3,202,132
3,203,400
158 : 3,208,434
3,221,708
159 : 3,183,890

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1 : 3,174,461
8 : 3,202,133
12 : 3,179,086
14.5 : 3,196,837
18 : 3,169,511
3,176,659
3,205,862
3,209,730
19 : Re.25,741
23 : 3,187,723
28 : 3,200,791
32 : 3,176,660
36 : 3,183,891
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38 : 3,203,401
42.03: 3,176,661
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.03: 3,203,403
.03: 3,204,609
.03: 3,205,863
.03: 3,205,864
.03: 3,205,865
42.03: 3,219,015
.03: 3,223,072
.03: 3,225,745
.03: 3,225,746
.06: 3,215,121
.1 : 3,216,398
.13: 3,164,132
.13: 3,170,440
.13: 3,170,441
.13: 3,174,462
.13: 3,205,866
.13: 3,219,016
.13: 3,225,747
.16: 3,167,056
.16: 3,167,057
.4 : 3,166,050
.4 : 3,216,399
45.4 : 3,180,320
46 : 3,168,889
48 : 3,183,893
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50 : 3,182,636
3,185,135
54 : 3,190,267
83 : 3,168,072
3,175,538
91 : 3,215,122
3,223,073
92 : 3,183,894
93 : 3,221,709
94 : 3,208,435
96 : 3,175,539
3,224,418
98 : 3,179,089
3,189,005
108 : 3,176,662
3,182,637
3,205,867

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1 : 3,194,214
3,196,840
3,199,494
3,202,134
3,205,868
3,213,831
3,221,710
3,225,748
2 : 3,213,832
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4 : 3,174,463
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6 : 3,173,403
7 : 3,168,073
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17 : 3,180,322
24 : 3,183,895
3,186,381
26 : 3,198,176
32 : 3,207,130
33 : 3,171,387
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34 : 3,164,133
3,195,515
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3,216,400
136 : 3,192,906
149 : 3,171,388
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156 : 3,220,385
165 : 3,215,124
214 : 3,165,092
225 : 3,192,907
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230 : 3,175,540
235 : 3,168,074
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3,207,132
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236 : 3,170,443
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3,203,404
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240 : 3,182,638
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250 : 3,207,133
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333 : 3,171,389
356 : 3,181,508
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379 : 3,173,404
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448 : 3,192,908
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478 : 3,182,639
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479 : 3,164,136
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497 : 3,224,420
498 : 3,196,845
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504 : 3,190,268
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1 : 3,164,138
3,179,090
3,187,728
3,192,910
3,202,140
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3,207,136
2 : 3,217,696
8 : 3,168,077
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11 : 3,183,898
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13 : 3,203,406
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3,221,717
14 : 3,164,139
3,171,391
3,204,616
15 : 3,176,664
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3,220,388
16 : 3,165,093
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3,194,220
3,196,856
3,200,796
3,202,142
3,205,875
3,213,838
3,215,129
18 : 3,181,513
3,190,270
25 : 3,177,851
3,180,324
26 : 3,195,518
27 : 3,203,407
29 : 3,190,271
30 : 3,192,912
32 : 3,166,051
3,168,079
3,174,467
3,175,543
3,179,091
3,186,386
3,187,729
3,194,221
3,195,519
3,195,520
3,196,857
3,196,858
3,205,876
3,209,735
3,212,482
3,216,407
3,220,389
3,221,718
33 : 3,194,222
41 : 3,189,009
.01: 3,171,392
.01: 3,221,719
.05: 3,166,052
.09: 3,190,272
.09: 3,221,720
.12: 3,177,852
.12: 3,180,325
.12: 3,211,136
.12: 3,221,721
.15: 3,174,468
.15: 3,202,143
.24: 3,223,075
.26: 3,168,080
.34: 3,170,444
.35: 3,181,514
.35: 3,182,642
.35: 3,189,010
.35: 3,190,273
.35: 3,215,130
.35: 3,221,722
.38: 3,204,617
.47: 3,195,521
.49: 3,202,144
.49: 3,217,697
.5 : 3,208,438
.62: 3,172,397
.65: 3,164,140
.65: 3,181,515
41.65: 3,183,899
.65: 3,195,522
.69: 3,165,094
.69: 3,166,053
.72: 3,200,797
.74: 3,168,081
.74: 3,173,407
.74: 3,186,387
.74: 3,203,408
.77: 3,221,723
.78: 3,183,900
.82: 3,165,095
.82: 3,176,666
.82: 3,181,516
.84: 3,212,483
43 : 3,176,667
44 : 3,167,058
3,168,082
3,205,877
3,220,390
46 : 3,208,439
3,225,751
47 : 3,177,853
48 : 3,185,137
3,185,138
3,200,798
3,205,878
3,209,736
50 : 3,191,584
3,207,138
51 : 3,182,643
3,198,179
52 : 3,177,854
3,181,517
53 : 3,200,799
54 : 3,200,800
55 : 3,166,054
3,171,393
3,175,544
56 : 3,176,668
3,194,223
3,217,698
57 : 3,207,139
58 : 3,169,514
3,182,644
59 : 3,177,855
3,198,180
3,198,181
65 : 3,204,618
66 : 3,199,497
68 : 3,177,856
71 : 3,166,055
3,187,730
72 : 3,179,092
73 : 3,168,890
3,179,093
3,181,518
3,192,913
3,195,524
3,195,525
3,195,526
74 : 3,204,619
75 : 3,167,059
3,170,445
3,180,326
3,186,388
3,203,409
3,211,137
76 : 3,182,645
78 : 3,192,914
79 : 3,166,056
3,180,327
81 : 3,187,731
84 : 3,168,083
90 : 3,166,057
3,166,058
3,169,515
3,170,446
3,176,669
3,177,857
3,179,094
3,180,328
3,183,901
3,185,139
3,189,011
3,195,527
3,195,528
3,198,182
3,198,183
3,200,801
3,208,440
3,209,737
3,211,138
3,217,699
3,219,019
3,220,391
3,224,423
97 : 3,165,096
3,199,498
3,200,802
3,220,392
98 : 3,198,184
99 : 3,195,529
102 : 3,171,394

Class 123—Con.

102 : 3,204,620
3,212,484
103 : 3,172,398
119 : 3,164,141
3,165,097
3,166,059
3,166,060
3,166,061
3,166,062
3,167,060
3,168,084
3,170,447
3,170,448
3,172,399
3,173,408
3,174,469
3,175,545
3,175,546
3,176,670
3,177,858
3,179,095
3,179,096
3,179,097
3,179,098
3,180,329
3,181,519
3,182,646
3,182,647
3,186,389
3,186,390
3,186,391
3,186,392
3,187,732
3,189,012
3,190,274
3,191,585
3,191,586
3,194,224
3,198,185
3,198,186
3,202,145
3,203,410
3,204,621
3,209,738
3,211,139
3,212,485
3,212,486
3,224,424
3,225,752
3,225,753
120 : 3,186,393
3,215,132
3,220,393
122 : 3,186,394
3,208,441
3,224,425
124 : 3,190,275
127 : 3,165,098
3,171,395
3,174,470
3,198,187
3,205,879
136 : 3,170,449
3,179,099
3,191,587
3,221,724
139 : Re.25,848
3,166,063
3,177,859
3,177,860
3,179,100
3,181,520
3,186,395
3,186,396
3,187,733
3,189,013
3,194,225
3,196,859
3,204,622
3,208,442
3,220,394
140 : 3,169,513
3,185,140
3,185,141
3,199,499
3,204,623
3,207,140
3,217,700
3,219,020
141 : 3,168,085
143 : 3,207,141
3,213,839
146.5 : 3,181,521
.5 : 3,199,500
.5 : 3,203,411
.5 : 3,205,880
.5 : 3,220,395
.5 : 3,221,725
148 : 3,165,099
3,168,086
148 : 3,168,891
3,181,522
3,182,648
3,183,902
3,186,397
3,200,803
3,202,146
3,203,412
3,208,443
3,209,739
3,213,840
3,215,133
3,216,408
3,220,396
149 : 3,211,140
169 : 3,171,396
3,173,409
3,215,131
179 : 3,164,142
3,165,100
3,168,892
3,170,450
3,170,451
3,172,400
3,173,410
3,180,330
3,182,649
3,182,650
3,187,734
3,190,276
3,204,624
3,205,881
3,216,409
3,219,021
3,220,397
182 : 3,223,076
185 : 3,174,471
3,212,487
3,213,841
187.5 : 3,187,735
.5 : 3,189,014
.5 : 3,190,277
.5 : 3,205,882
188 : 3,165,101
3,170,452
3,185,142
3,198,188
191 : 3,224,426
193 : 3,177,861
195 : 3,164,143
3,200,804
3,207,142
197 : 3,176,671
198 : 3,174,472
3,176,672
3,181,523
3,195,530

Class 124

1 : 3,212,488
4 : 3,208,444
5 : 3,176,673
6 : 3,177,862
7 : 3,172,401
3,213,842
3,213,843
3,221,726
8 : 3,179,101
9 : 3,225,754
10 : 3,183,903
11 : 3,167,061
3,177,863
3,183,904
3,192,915
3,199,501
3,204,625
3,207,143
3,212,489
3,216,410
3,219,022
12 : 3,220,398
15 : 3,205,883
3,212,490
16 : 3,181,524
21 : 3,207,144
22 : 3,194,226
23 : 3,167,062
3,167,063
3,176,674
3,179,102
3,204,626
3,207,145
24 : 3,171,397
3,182,651
3,196,860
3,207,146
3,209,740
25 : 3,224,427
27 : 3,191,588
3,196,861
3,200,805
29 : 3,213,844
30 : 3,199,502
3,219,023
41 : 3,225,755
47 : 3,189,015
49 : 3,204,627
3,207,147
3,209,741

Class 125

3 : 3,179,103
11 : 3,167,064
3,170,453
3,175,547
3,187,736
3,187,737
3,204,628
3,208,445
3,212,491
3,213,845
3,220,399
3,221,727
13 : 3,164,144
3,168,893
3,170,454
3,187,738
15 : 3,175,548
3,176,675
3,221,728
16 : 3,168,087
23 : 3,187,739
30 : 3,190,278
3,191,589
3,202,147
3,211,141

Class 126

4 : 3,171,398
3,174,473
3,213,846
5 : 3,192,916
6 : 3,169,516
3,220,400
9 : 3,177,864
3,179,104
3,225,756
19 : 3,167,065
3,191,590
3,192,917
3,205,884
3,207,148
21 : 3,180,331
3,196,862
3,221,729
24 : 3,198,189
25 : 3,172,402
3,175,549
3,176,676
3,191,591
3,191,592
3,192,918
3,199,503
3,200,806
3,209,742
3,209,743
3,223,077
30 : 3,195,531
37 : 3,166,064
3,169,517
3,176,677
3,186,398
3,200,807
3,200,808
3,213,847
38 : 3,182,652
3,189,016
39 : 3,169,518
3,194,227
40 : 3,213,848
43 : 3,165,102
3,213,849
44 : 3,191,593
59.5 : 3,205,885
63 : 3,175,550
3,190,279
75 : 3,219,024
77 : 3,168,088
85 : 3,172,403
3,173,411
91 : 3,174,474
3,185,143
3,187,740
3,199,504
3,220,401
3,225,757
92 : 3,173,412
3,187,741
3,200,809
3,203,413
3,217,701
92 : 3,219,025
94 : 3,181,525
3,186,399
95 : 3,199,505
96 : 3,169,519
101 : 3,198,190
109 : 3,177,865
110 : 3,164,145
3,171,399
3,171,400
3,200,810
3,220,402
3,223,078
113 : 3,171,401
3,209,744
3,212,492
116 : 3,164,146
3,171,402
3,175,551
3,189,017
3,189,018
3,190,280
3,200,811
120 : 3,174,475
3,190,281
121 : 3,175,552
3,180,332
131 : 3,190,282
133 : 3,181,526
142 : 3,186,400
163 : 3,192,919
190 : 3,189,019
3,189,020
194 : 3,170,455
200 : 3,168,089
3,170,456
3,186,401
3,200,812
3,208,446
3,219,026
3,224,428
202 : 3,224,429
204 : 3,182,653
214 : 3,170,457
3,187,742
247 : 3,164,147
3,198,191
3,219,027
261 : 3,205,886
263 : 3,168,090
3,207,149
270 : 3,171,403
3,174,476
3,176,678
3,176,679
3,182,654
3,208,447
3,217,702
271 : 3,179,105
3,194,228
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.1 : 3,189,021
.2 : 3,173,413
.2 : 3,174,477
.2 : 3,176,680
.2 : 3,196,863
.2 : 3,199,506
.2 : 3,223,079
.2 : 3,224,430
.3 : 3,170,458
.3 : 3,171,404
285 : 3,181,527
307 : 3,168,091
3,221,730
338 : 3,169,520
343.5 : 3,166,065
.5 : 3,166,066
.5 : 3,171,405
.5 : 3,187,743
.5 : 3,189,022
.5 : 3,196,864
.5 : 3,209,745
.5 : 3,217,703
.5 : 3,220,403
.5 : 3,223,080
350 : 3,165,103
3,167,066
3,185,144
355 : 3,204,629
3,224,431
359 : 3,190,283
360 : 3,166,067
3,186,402
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3,194,229
3,204,630
3,212,493
3,212,494
3,223,081
362 : 3,190,284
3,213,850
369 : 3,185,145
3,203,414
375 : 3,164,148
378 : 3,195,532
381 : 3,209,746
383 : 3,183,905
391 : 3,217,704

Class 127

4 : 3,171,758
9 : 3,214,293
13 : 3,197,336
16 : 3,220,883
19 : 3,205,095
3,207,627
3,226,257
23 : 3,196,044
28 : 3,197,337
3,219,483
30 : 3,169,888
3,194,682
32 : 3,173,807
3,188,237
3,222,220
33 : 3,193,409
34 : 3,214,294
37 : 3,212,932
3,212,933
38 : 3,175,928
3,200,012
3,224,903
40 : 3,197,338
43 : 3,207,628
3,215,559
3,218,188
45 : 3,203,833
46 : 3,174,876
3,184,334
3,194,683
3,196,045
48 : 3,166,442
50 : 3,168,419
3,182,665
55 : 3,166,443
64 : 3,174,877
3,219,484
71 : 3,169,083
3,184,335
3,220,884

Class 128

1 : 3,187,744
3,208,448
3,213,851
3,219,028
.2 : 3,168,092
.2 : 3,224,432
2 : 3,173,414
3,175,553
3,175,554
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3,185,146
3,199,507
3,200,813
3,200,814
3,207,150
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3,217,705
3,224,433
3,224,434
.05: 3,171,406
.05: 3,176,681
.05: 3,189,023
.05: 3,189,024
.05: 3,192,921
.05: 3,202,148
.05: 3,202,149
.05: 3,215,135
.05: 3,219,035
.05: 3,220,404
.05: 3,221,731
.05: 3,224,435
.06: 3,170,459
.06: 3,174,478
.06: 3,186,403
.06: 3,187,745
.06: 3,195,534
.06: 3,195,535
.06: 3,199,508
.06: 3,215,136
.08: 3,221,732
.1 : 3,172,404
.1 : 3,190,285
.1 : 3,195,533
.1 : 3,207,151
.1 : 3,217,706
.1 : 3,224,436
.6 : 3,212,496
6 : 3,190,286
3,195,536
9 : 3,224,437
17 : 3,176,682
20 : 3,168,093
3,196,865
23 : 3,194,230
24 : 3,167,067
3,177,866
3,179,106
3,191,594
.1 : 3,217,707
.1 : 3,220,405
.5 : 3,219,029
25 : 3,176,683
3,213,852
26 : 3,189,025
3,216,412
29 : Re.25,871
3,164,149
3,166,068
3,185,147
3,191,595
3,191,596
3,196,866
3,208,449
3,216,413
3,219,030
3,221,733
3,221,734
3,225,758
33 : 3,173,415
3,203,415
3,207,152
41 : 3,194,231
46 : 3,169,521
3,224,438
51 : 3,219,031
53 : 3,209,747
3,209,748
56 : 3,195,537
3,196,867
57 : 3,164,150
3,196,868
3,205,887
3,205,888
62 : 3,192,922
65 : 3,177,868
3,192,923
66 : 3,225,759
69 : 3,213,853
71 : 3,194,232
75 : 3,164,151
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3,168,094
3,176,684
3,177,869
3,189,026
3,220,406
3,221,735
3,224,439
76.5 : 3,168,894
77 : 3,170,460
78 : 3,182,655
3,220,407
80 : 3,171,407
3,194,233
3,203,416
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81 : 3,168,095
3,173,416
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83 : 3,171,408
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3,225,760
.5 : 3,198,192
84 : 3,174,479
3,224,440
87 : 3,164,152
3,186,404
3,186,405
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90 : 3,176,685
3,215,137
91 : 3,191,597
3,223,082
92 : 3,216,414
3,223,083
94 : 3,199,509
3,215,138
95 : 3,194,234
99 : 3,171,409
127 : 3,169,522
130 : 3,200,815
132 : 3,176,686
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133 : 3,182,657
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134 : 3,181,530
134 : 3,191,599
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136 : 3,187,746
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3,224,441
3,224,442
3,224,443
140 : 3,196,871
141 : 3,167,069
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142 : 3,181,532
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3,224,444
143 : 3,167,070
144 : 3,185,149
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145 : 3,207,154
146 : 3,170,461
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152 : 3,169,523
153 : 3,209,750
155 : 3,171,410
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156 : 3,187,747
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158 : 3,225,761
159 : 3,207,155
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170 : 3,174,480
172.1 : 3,169,524
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173 : 3,167,071
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184 : 3,169,525
186 : 3,186,406
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188 : 3,171,411
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194 : 3,172,406
198 : 3,198,193
202 : 3,200,818
203 : 3,176,687
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205 : 3,170,463
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206 : 3,172,407
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3,185,152
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3,199,511
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3,217,711
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214 : 3,220,411
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216 : 3,192,925
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218 : 3,166,069
3,166,070
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3,224,445
221 : 3,179,107
3,186,408
224 : 3,164,153
227 : 3,177,871
3,185,153
232 : 3,211,149
3,215,142
3,225,763
244 : 3,199,512
245 : 3,180,334
252 : 3,190,288
253 : 3,167,073
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256 : 3,195,539
260 : 3,211,145
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261 : 3,220,413
263 : 3,177,872
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269 : 3,179,108
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271 : 3,170,464
272 : 3,171,412
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3,209,752
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275 : 3,186,409
3,186,410
276 : 3,191,600
283 : 3,216,420
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284 : 3,176,688
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285 : 3,216,422
286 : 3,182,661
3,192,926
287 : 3,180,335
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3,196,874
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288 : 3,180,336
3,225,764
290 : 3,183,909
3,183,910
3,203,419
3,208,451
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291 : 3,207,158
295 : 3,194,238
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296 : 3,190,289
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305 : 3,173,417
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3,221,744
310 : 3,223,088
315 : 3,208,452
318 : 3,166,071
320 : 3,181,533
321 : 3,176,689
3,209,753
326 : 3,169,526
330 : 3,187,751
334 : 3,166,072
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3,180,337
3,221,745
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335.5 : 3,166,073
.5 : 3,166,074
.5 : 3,187,752
335.5 : 3,194,239
.5 : 3,212,502
.5 : 3,225,766
337 : 3,209,754
340 : 3,168,097
341 : 3,192,928
343 : 3,196,876
346 : 3,166,075
3,203,421
3,204,636
348 : RE.25,788
3,176,690
3,190,290
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349 : 3,169,527
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3,211,151
350 : 3,169,528
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351 : 3,169,529
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3,205,890
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353 : 3,183,911
360 : 3,186,411
361 : 3,202,152
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374 : 3,205,891
377 : 3,181,534
379 : 3,211,153
399 : 3,168,895
3,173,419
400 : 3,220,414
401 : 3,170,465
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403 : 3,175,558
404 : 3,168,098
3,207,161
406 : 3,196,877
418 : 3,216,424
419 : 3,198,195
421 : 3,183,912
3,211,154
3,224,447
422 : 3,180,338
3,181,535
3,195,540
423 : 3,204,637
425 : 3,216,425
428 : 3,208,453
432 : 3,205,892
436 : 3,166,076
3,191,601
438 : 3,185,156
454 : 3,176,692
3,217,713
455 : 3,175,559
456 : 3,212,503
463 : 3,187,753
3,225,768
464 : 3,187,754
470 : 3,196,878
476 : 3,195,541
3,209,756
477 : 3,191,602
3,213,854
478 : 3,173,420
479 : 3,190,292
3,221,747
480 : 3,203,422
3,221,748
481 : 3,181,536
483 : 3,172,408
3,185,157
3,186,412
485 : 3,166,077
3,173,421
486 : 3,164,154
3,164,155
3,213,462
489 : 3,192,929
3,203,423
3,209,758
3,209,759
492 : 3,181,537
3,200,821
3,203,424
498 : 3,215,144
502 : 3,204,638
506 : 3,191,603
3,217,714
507 : 3,179,109
510 : 3,203,425
516 : 3,186,413
519 : 3,169,530
3,169,531
3,174,482
519 : 3,185,158
3,192,930
521 : 3,175,560
3,185,159
3,219,038
3,219,039
527 : 3,171,413
3,194,240
3,208,454
528 : 3,169,532
3,169,533
3,169,534
3,170,466
3,173,422
3,176,693
3,185,160
3,194,241
3,196,879
3,205,893
3,207,162
3,212,504
3,213,855
3,221,749
529 : 3,208,455
3,224,448
533 : 3,194,242
535 : 3,187,755
538 : 3,211,155
539 : 3,182,664
540 : 3,177,875
3,221,750
541 : 3,171,414
3,223,089
542 : 3,174,483
546 : 3,195,542
547 : 3,168,099
3,177,876
3,177,877
562 : 3,213,856
580 : 3,177,867
586 : 3,220,416
599 : 3,164,156

Class 129

1 : 3,209,757
4 : 3,191,604
10 : 3,191,605
16 : 3,167,074
3,180,339
3,199,513
3,208,456
3,225,769
.1 : 3,220,417
.1 : 3,225,770
.7 : 3,165,104
.7 : 3,208,457
.7 : 3,216,426
.8 : 3,204,639
17 : 3,205,894
19 : 3,212,505
24 : 3,183,913
3,190,293
3,205,895
3,205,896
3,205,897
25 : 3,172,409
3,211,156
3,224,449
3,224,450
26 : 3,204,640
34 : 3,221,751

Class 130

5 : 3,174,484
3,207,163
6 : 3,179,110
3,191,606
9 : 3,203,426
3,203,427
20 : 3,205,898
27 : 3,179,111
3,191,607
3,202,154
3,203,428
3,203,429
3,209,758
3,209,759
3,209,760
3,213,857
3,215,145
30 : 3,173,423
3,175,561
3,194,243
3,203,430
3,212,506
3,225,771

Class 131

4 : 3,165,105
4 : 3,183,914
3,220,418
5 : 3,166,078
7 : 3,167,075
8 : 3,219,040
3,225,772
10 : 3,164,157
3,167,076
3,169,535
3,172,410
3,179,112
3,202,155
3,217,715
3,219,041
11 : 3,189,032
17 : 3,174,485
3,180,340
3,185,161
3,211,157
3,217,716
3,217,717
3,217,718
20 : 3,165,106
3,166,079
3,224,451
3,225,773
21 : 3,194,244
3,212,507
23 : 3,205,899
25 : 3,209,761
27 : 3,203,431
33 : 3,199,514
35 : 3,187,756
61 : 3,192,931
66 : 3,170,467
3,171,415
70 : 3,202,156
76 : 3,208,458
79 : 3,172,411
80 : 3,225,774
81 : 3,189,033
84 : 3,164,158
3,172,412
3,173,424
3,174,486
3,189,034
3,196,880
94 : 3,176,694
3,199,515
110 : 3,209,762
134 : 3,202,157
140 : 3,185,162
3,194,245
3,203,432
3,204,641
3,209,763
3,213,858
3,219,042
3,223,090
3,224,452
173 : 3,209,764
3,209,765
3,211,158
174 : 3,173,425
178 : 3,204,642
182 : 3,181,538
184 : 3,172,413
3,221,752
187 : 3,174,487
3,204,643
194 : 3,185,163
198 : 3,196,881
3,212,508
206 : 3,223,091
207 : 3,195,543
208 : 3,173,426
3,173,427
3,190,294
3,190,295
3,194,246
3,217,719
3,219,043
3,224,453
213 : 3,170,468
235 : 3,215,146
236 : 3,186,414
3,196,882
237 : 3,194,247
238 : 3,205,900
241 : 3,166,080
3,220,419
243 : 3,200,822
247 : 3,220,420
256 : 3,191,608
3,225,775

Class 132

5 : 3,189,035
3,199,516
7 : 3,211,159
3,213,859
7 : 3,223,092
9 : 3,173,428
3,182,666
3,198,196
3,204,644
31 : 3,200,823
32 : 3,164,159
3,182,667
3,220,421
33 : 3,173,429
3,196,883
3,224,454
34 : 3,213,860
37 : 3,215,148
38 : 3,213,861
3,213,862
3,213,863
3,223,093
39 : 3,170,469
3,175,562
40 : 3,173,430
3,200,824
3,205,901
3,208,459
3,209,766
3,215,149
3,216,427
3,220,422
3,221,753
41 : 3,190,296
3,200,825
3,200,826
3,204,645
3,220,423
3,223,094
42 : 3,186,415
3,204,646
45 : 3,180,341
3,202,158
3,213,864
46 : 3,170,470
3,196,884
3,204,647
3,205,902
3,209,767
3,209,768
3,213,865
3,223,095
47 : 3,183,915
3,192,932
3,211,160
49 : 3,200,827
50 : 3,194,248
53 : 3,165,107
73 : 3,179,113
3,198,197
.6 : 3,169,536
74.5 : 3,195,544
75.4 : 3,215,150
.6 : 3,203,433
.8 : 3,176,695
76.2 : 3,177,878
.4 : 3,196,885
.4 : 3,198,198
79 : 3,167,077
3,171,416
3,181,539
3,186,416
3,187,757
3,192,933
3,195,545
3,196,886
3,219,044
3,219,045
3,223,096
81 : 3,209,769
82 : 3,212,509
84 : 3,187,758
3,217,720
88.7 : 3,177,879
120 : 3,180,342
122 : 3,166,081
136 : 3,192,934
3,216,428
139 : 3,205,903
159 : 3,181,540

Class 133

1 : 3,175,563
2 : 3,204,648
3,215,147
3 : 3,173,431
3,174,488
3,187,759
3,196,887
3,199,517
4 : 3,167,078
3,187,760
3,194,249
3,200,828
5 : 3,176,696
5 : 3,180,343
3,191,609
3,215,151
6 : 3,172,411
8 : 3,179,114
3,211,161

Class 134

1 : 3,222,221
3 : 3,166,444
3,186,870
3,216,857
4 : 3,224,904
6 : 3,180,757
3,180,758
3,200,013
7 : 3,183,120
8 : 3,216,858
3,226,258
9 : 3,193,410
15 : 3,197,339
21 : 3,198,663
3,215,560
3,226,259
22 : 3,170,814
3,180,759
3,184,336
3,196,046
3,222,222
24 : 3,188,238
25 : 3,177,095
3,192,068
26 : 3,188,239
27 : 3,170,815
28 : 3,197,340
3,197,341
31 : 3,166,445
33 : 3,193,411
45 : 3,195,546
3,196,888
46 : 3,179,115
3,212,510
3,223,097
47 : 3,220,424
56 : 3,179,116
57 : 3,173,432
3,174,489
3,186,417
3,194,250
3,203,434
3,207,164
58 : 3,165,108
3,173,433
3,175,564
3,177,880
3,186,418
3,203,435
3,203,436
3,207,165
3,217,721
62 : 3,180,344
68 : 3,221,754
70 : 3,175,565
77 : 3,182,668
78 : 3,166,082
80 : 3,174,490
93 : 3,172,415
99 : 3,208,460
102 : 3,174,491
3,216,429
3,216,430
104 : 3,174,492
105 : 3,182,669
107 : 3,179,117
3,182,670
3,212,511
111 : 3,169,537
3,172,416
112 : 3,213,866
115 : 3,207,166
122 : 3,198,199
3,221,755
123 : 3,190,297
125 : 3,190,298
129 : 3,225,776
132 : 3,216,431
137 : 3,167,079
3,168,100
141 : 3,169,538
3,225,777
142 : 3,192,935
144 : 3,167,080
3,207,167
148 : 3,182,671
3,203,437
163 : 3,195,547
166 : 3,175,566
167 : 3,165,109
3,168,896
3,195,548
168 : 3,220,425
169 : 3,173,434
3,175,567
172 : 3,213,867
176 : 3,180,348
177 : 3,169,539
183 : 3,176,697
3,192,936
186 : 3,181,541
191 : 3,169,540
3,169,541
193 : 3,220,426
199 : 3,215,152

Class 135

1 : 3,165,110
3,168,101
3,169,542
3,169,543
3,170,471
3,170,472
3,172,418
3,176,698
3,186,419
3,190,299
3,194,251
3,198,200
3,202,159
3,209,770
3,211,162
2 : 3,167,081
3,213,868
3 : 3,170,473
3,212,512
4 : 3,171,417
3,173,435
3,181,542
3,185,164
3,199,518
3,215,153
3,223,098
5 : 3,169,544
3,173,436
3,174,493
3,176,699
3,182,672
3,187,761
3,190,300
3,211,163
3,216,432
3,216,433
3,217,722
3,221,756
6 : 3,165,111
3,172,419
3,183,916
3,195,549
3,199,519
3,203,438
7.1 : 3,186,420
.1 : 3,192,937
14 : 3,181,543
3,185,165
3,204,649
15 : 3,199,520
16 : 3,177,881
3,204,650
19.5 : 3,205,904
20 : 3,175,568
3,177,882
3,177,883
3,186,421
3,217,723
25 : 3,217,724
26 : 3,170,474
3,171,418
45 : 3,165,112
3,176,700
3,195,550
3,199,521
46 : 3,164,160
3,182,673
47 : 3,223,099
.5 : 3,213,869
49 : 3,174,494
3,213,870
50 : 3,205,905
3,208,461
54 : 3,177,884
57 : 3,170,475

Class 136

1 : 3,219,485
3,220,885
3 : 3,170,816
4 : 3,165,426
3,170,817
3,183,121
3,184,337
3,188,240
3,192,069

Class 136—Con.

4 : 3,196,047
3,197,342
3,197,343
3,201,277
3,201,278
3,207,629
3,208,877
3,208,878
3,210,216
3,211,586
3,214,295
3,215,561
6 : 3,166,446
3,169,889
3,170,818
3,170,819
3,172,782
3,172,783
3,173,808
3,174,878
3,174,879
3,177,096
3,180,760
3,185,590
3,193,412
3,194,684
3,201,279
3,202,544
3,207,630
3,208,879
3,214,296
3,216,859
10 : 3,167,456
3,170,820
3,207,631
14 : 3,170,821
3,223,555
16 : 3,207,632
19 : 3,173,809
21 : 3,178,314
24 : 3,208,880
26 : 3,169,890
3,201,280
27 : 3,173,810
3,194,685
28 : 3,211,587
29 : 3,186,871
3,214,297
30 : 3,201,281
3,212,934
3,226,260
33 : 3,189,484
38 : 3,170,823
3,202,545
51 : 3,180,761
55 : 3,224,905
68 : 3,216,860
75 : 3,184,338
3,184,339
3,185,591
78 : 3,184,340
3,198,665
3,208,881
82 : 3,166,447
83 : 3,174,880
3,207,633
86 : 3,172,784
3,174,881
3,177,097
3,178,315
3,180,762
3,180,763
3,183,122
3,183,123
3,186,872
3,188,241
3,188,242
3,192,070
3,196,048
3,198,664
3,198,666
3,201,282
3,201,283
3,202,546
3,202,547
3,203,834
3,206,332
3,206,333
3,206,334
3,208,882
3,208,883
3,215,562
3,215,563
3,216,861
3,218,195
3,219,486
3,222,223
3,222,224
3,223,556
3,226,261
3,226,262
89 : 3,175,929
89 : 3,186,873
3,186,874
3,218,196
90 : Re.25,913
3,169,084
3,169,891
3,170,822
3,173,811
3,173,812
3,177,098
3,181,972
3,193,413
3,194,686
3,196,049
3,202,548
3,211,588
3,222,225
93 : 3,189,485
100 : 3,177,099
3,178,316
3,185,592
3,189,486
3,205,096
102 : 3,205,097
107 : 3,185,593
3,185,594
3,212,935
3,214,298
3,214,299
3,219,487
120 : 3,167,457
3,181,973
3,212,936
3,226,263
3,226,264
121 : 3,192,071
122 : 3,183,124
3,193,414
3,196,050
3,198,667
3,212,937
130 : 3,198,668
132 : 3,202,549
3,210,217
3,220,886
133 : 3,168,420
3,179,537
3,184,341
3,185,595
3,218,197
3,219,488
3,223,557
134 : 3,179,538
3,194,687
135 : 3,207,634
3,224,906
143 : 3,186,876
3,186,877
145 : 3,205,098
3,216,862
3,216,863
146 : 3,168,421
3,224,907
148 : 3,188,243
3,210,218
3,216,864
153 : 3,186,875
154 : 3,220,887
166 : 3,167,458
3,184,342
167 : 3,206,335
168 : 3,184,343
3,223,558
173 : 3,178,317
3,181,974
3,186,878
3,194,688
3,194,689
3,220,888
175 : 3,189,487
3,196,051
3,223,559
177 : 3,179,539
3,216,865
3,218,198
178 : 3,201,284
3,208,884
3,214,300
181 : 3,181,975
3,193,415
3,200,014
3,212,938
182 : 3,175,930

Class 137

1 : 3,198,201
3,202,160
3,209,771
3,217,725
2 : 3,189,036
3 : 3,177,885
3,177,886
5 : 3,195,551
8 : 3,219,046
9 : 3,216,434
3,221,757
13 : 3,215,154
3,216,435
15 : 3,171,419
3,181,544
3,195,552
3,211,164
3,221,758
18 : 3,167,082
3,168,102
3,171,420
3,194,252
3,202,161
3,213,871
3,221,759
20 : 3,199,522
26 : 3,199,523
28 : 3,216,436
29 : 3,164,161
30 : 3,209,772
37 : 3,217,726
43 : 3,180,345
45 : 3,212,513
47 : 3,213,872
50 : 3,216,437
54 : 3,191,610
3,204,651
3,225,778
56 : 3,176,701
3,196,889
3,212,514
3,220,427
58 : 3,215,155
63 : 3,166,083
3,179,118
3,199,524
64 : 3,179,119
66 : 3,195,553
68 : 3,176,702
3,202,162
3,209,773
3,216,438
3,219,047
3,223,100
74 : 3,174,495
3,177,887
77 : 3,166,084
78 : 3,174,496
81 : 3,183,917
3,200,829
.5 : 3,168,897
.5 : 3,170,476
.5 : 3,171,421
.5 : 3,171,422
.5 : 3,174,497
.5 : 3,175,569
.5 : 3,176,703
.5 : 3,177,888
.5 : 3,180,346
.5 : 3,181,545
.5 : 3,181,546
.5 : 3,182,674
.5 : 3,182,675
.5 : 3,182,676
.5 : 3,185,166
.5 : 3,186,422
.5 : 3,187,762
.5 : 3,187,763
.5 : 3,191,611
.5 : 3,191,612
.5 : 3,192,938
.5 : 3,194,253
.5 : 3,204,652
.5 : 3,207,168
.5 : 3,208,462
.5 : 3,208,463
.5 : 3,208,464
.5 : 3,209,774
.5 : 3,209,775
.5 : 3,212,515
.5 : 3,216,439
.5 : 3,217,727
.5 : 3,219,048
.5 : 3,220,428
.5 : 3,223,101
.5 : 3,225,779
.5 : 3,225,780
82 : 3,166,085
3,173,437
3,174,498
3,174,499
3,181,547
3,216,440
3,221,760
3,221,761
3,223,102
83 : 3,217,728
3,223,103
85 : 3,181,548
3,183,918
3,185,167
3,185,168
85 : 3,198,202
3,208,465
3,208,466
3,219,049
3,223,104
3,223,105
86 : 3,211,165
3,223,106
87 : 3,215,156
3,216,441
88 : 3,195,554
91 : 3,186,423
3,217,729
92 : 3,173,438
3,190,301
93 : 3,223,107
3,223,108
98 : 3,185,169
3,202,163
3,217,730
99 : 3,211,166
3,213,873
3,213,874
100 : 3,182,677
3,192,939
3,220,429
101 : 3,165,113
3,175,570
3,179,120
3,200,830
.11: 3,202,164
102 : 3,182,678
3,183,919
3,196,890
3,196,891
3,200,831
3,203,439
104 : 3,167,083
3,208,467
105 : 3,183,920
107 : 3,173,439
3,199,525
3,202,165
08 : 3,173,440
3,225,781
110 : 3,191,613
3,213,875
111 : 3,175,571
3,204,653
112 : 3,219,050
113 : 3,207,169
3,224,455
114 : 3,187,764
3,194,254
3,195,555
3,196,892
3,220,430
115 : 3,174,500
3,195,556
3,202,166
3,224,456
3,225,782
116.3 : 3,217,731
.5 : 3,212,516
.5 : 3,221,762
117 : 3,186,424
3,200,832
3,217,732
118 : 3,181,549
3,191,614
3,198,203
3,219,051
119 : 3,168,898
3,180,347
3,181,550
3,181,551
3,204,654
3,224,457
3,224,458
154 : 3,200,833
155 : Re.25,760
3,183,921
3,183,922
3,212,517
3,223,109
3,224,459
3,225,783
173 : 3,202,167
183 : 3,170,477
3,200,834
192 : 3,199,526
202 : 3,168,103
3,195,557
3,202,168
204 : 3,175,572
3,196,893
209 : 3,164,162
3,169,545
3,216,442
216 : 3,183,923
3,207,170
217 : 3,166,086
218 : 3,171,423
3,171,424
218 : 3,180,352
3,183,924
3,189,037
3,207,171
219 : 3,172,420
3,198,204
220 : 3,173,441
3,177,889
3,192,940
3,194,255
3,219,052
3,221,763
223 : 3,174,501
3,180,349
226 : 3,217,733
228 : 3,176,706
234 : 3,225,784
.5 : 3,207,172
236 : 3,204,658
3,211,167
238 : 3,209,776
239 : 3,176,704
240 : 3,180,350
3,192,941
243.6 : 3,220,431
246 : 3,215,157
.12: 3,181,552
.12: 3,190,302
.12: 3,190,303
.12: 3,190,304
.14: 3,183,925
.18: 3,180,351
.19: 3,192,942
.22: 3,171,425
.22: 3,205,906
247.23: 3,173,442
.27: 3,196,894
.51: 3,168,104
.51: 3,182,679
253 : 3,187,765
255 : 3,190,305
262 : 3,166,087
3,171,426
3,207,173
266 : 3,208,468
267 : 3,187,766
268 : 3,165,114
3,171,427
3,185,170
3,187,767
3,195,558
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3,192,965
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3,217,760
18 : 3,191,639
3,213,902
20 : 3,173,457
3,176,727
3,179,132
3,180,374
3,211,191
3,219,069
23 : 3,168,913
24 : 3,171,446
3,215,171
25 : 3,182,692
27 : 3,168,120
3,217,761
30 : 3,205,919
38 : 3,183,945
3,200,858
3,224,471
39 : 3,207,188
3,211,192
40 : 3,179,133
46 : 3,209,794
49 : 3,167,098
56 : 3,192,966
59 : 3,168,914
3,172,434
63 : 3,191,640
67 : 3,173,458
3,179,134
3,192,967
68 : 3,189,061
69 : 3,169,561
71 : 3,182,693
73 : 3,200,859
3,211,193
76 : 3,199,550
78 : 3,219,070
82 : 3,192,968
3,213,903
83 : 3,165,127
3,195,587
3,199,551
3,215,173
3,221,780
90 : 3,192,969
3,205,920
3,207,189
91 : 3,166,106
93 : 3,202,187
94 : 3,187,786

Class 141 – Con.

94 : 3,205,921
3,219,071
95 : 3,171,447
98 : 3,191,641
100 : 3,185,189
104 : 3,195,588
106 : 3,192,970
113 : 3,203,454
128 : 3,191,642
130 : 3,181,574
3,202,188
3,208,485
3,209,795
3,221,781
131 : 3,172,435
3,195,589
137 : 3,191,643
141 : 3,168,121
3,181,575
145 : 3,166,107
146 : 3,172,436
147 : 3,168,122
3,168,123
3,189,062
159 : 3,220,445
198 : 3,207,190
199 : 3,176,728
3,189,063
208 : 3,208,486
209 : 3,165,128
3,174,518
3,196,908
3,205,922
3,216,465
3,224,472
225 : 3,166,108
226 : 3,216,466
237 : 3,196,909
263 : 3,198,221
275 : 3,176,729
276 : 3,180,375
284 : 3,168,124
285 : 3,173,459
286 : 3,192,971
3,204,670
3,219,072
3,221,782
290 : 3,176,730
291 : 3,205,923
293 : 3,171,448
3,181,576
3,195,590
295 : 3,174,519
3,175,591
3,176,731
3,186,449
3,211,194
300 : 3,177,907
302 : 3,191,644
311 : 3,209,796
313 : 3,199,552
319 : 3,186,450
321 : 3,177,908
3,182,694
329 : 3,203,455
330 : 3,171,449
3,200,860
337 : 3,211,195
346 : 3,168,125
348 : 3,187,787
349 : 3,217,762
360 : 3,185,190
3,186,451
3,212,539
362 : 3,209,797
363 : 3,180,376
364 : 3,223,127
371 : 3,183,946
381 : 3,191,645
384 : 3,169,562
387 : Re.25,890
3,190,322
388 : 3,170,495
3,199,553
392 : 3,211,196

Class 142

7 : 3,204,671
31 : 3,219,073

Class 143

5 : 3,171,450
3,187,788
6 : 3,168,126
3,171,451
3,195,591
3,209,798
19 : 3,168,127
3,213,904
3,213,905
19 : 3,213,906
26 : 3,196,910
32 : 3,182,695
3,185,191
3,191,646
3,194,284
3,198,222
3,198,223
3,224,473
3,225,799
37 : 3,202,189
3,223,128
3,225,800
38 : Re.25,715
43 : 3,224,474
44 : 3,221,783
47 : 3,186,452
3,186,453
3,199,554
3,212,540
3,213,907
3,213,908
48 : 3,171,452
54 : 3,224,475
68 : 3,170,496
3,186,454
3,192,972
82 : 3,213,909
85 : 3,203,456
3,207,191
86 : 3,171,453
92 : 3,190,323
117 : 3,180,377
118 : 3,187,789
133 : 3,176,732
3,181,577
3,183,947
3,213,910
135 : 3,167,100
3,170,497
3,176,733
3,180,378
3,183,948
3,189,064
3,200,861
3,204,672
3,224,476
157 : 3,165,129
3,205,924
158 : 3,208,487
159 : 3,177,909
160 : 3,225,801
161 : 3,164,176
162 : 3,220,446

Class 144

1 : 3,164,177
3,223,129
2 : 3,167,101
3,181,578
3,183,949
3,183,950
3,190,324
3,198,224
3,209,799
3,223,130
3 : 3,179,135
3,183,951
3,183,952
3,198,225
3,199,555
3,223,131
13 : 3,207,192
27 : 3,200,862
30 : 3,190,325
32 : 3,168,128
3,191,647
3,200,863
3,205,925
3,219,074
33 : 3,165,130
34 : 3,183,953
3,183,954
3,196,911
3,215,174
3,216,467
3,219,075
42 : 3,219,076
87 : 3,223,132
112 : 3,189,065
117 : 3,211,197
129 : 3,171,454
134 : 3,172,417
3,179,136
3,209,800
3,212,541
144 : 3,207,193
.5 : 3,199,556
.5 : 3,221,784
154 : 3,215,175
162 : 3,166,109
3,190,326
172 : 3,189,066
172 : 3,195,592
3,208,488
3,209,801
205 : 3,202,190
208 : 3,171,455
3,176,734
3,185,192
3,189,067
3,189,068
3,190,327
3,196,912
3,215,176
3,221,785
209 : 3,176,735
3,195,593
3,198,226
3,221,786
3,221,787
212 : 3,204,673
3,224,477
213 : 3,207,194
238 : 3,172,437
239 : 3,198,227
246 : 3,186,455
251 : 3,181,579
288 : 3,219,077
3,219,078
309 : 3,173,460
3,220,447
316 : 3,216,468
317 : 3,212,542
320 : 3,182,696
3,224,478
326 : 3,204,674
3,204,675
3,216,469
3,216,470
3,220,448
327 : 3,166,110

Class 145

4 : 3,207,195
29 : 3,164,178
3,172,438
3,186,456
3,211,198
31 : 3,185,193
3,192,973
3,194,285
32 : 3,191,648
34 : 3,173,461
35 : 3,219,079
50 : 3,171,456
3,175,593
3,182,697
3,187,790
3,191,649
3,208,489
3,211,199
3,215,177
3,224,479
52 : 3,181,580
54 : 3,209,802
61 : 3,172,439
3,173,462
3,177,910
3,189,069
3,216,471
63 : 3,194,286
117 : 3,180,379
120 : 3,220,449
121 : 3,180,380
123 : 3,207,196
126 : 3,165,131

Class 146

1 : 3,164,179
3,196,913
2 : 3,164,180
3,180,381
3,185,194
3,190,328
3 : 3,172,440
3,176,736
3,183,955
3,205,926
3,211,200
3,217,763
7 : 3,212,543
8 : 3,176,737
16 : 3,208,490
3,223,133
28 : 3,179,137
3,181,581
3,185,195
3,219,080
32 : 3,196,914
3,217,764
33 : 3,211,201
37 : 3,211,202
43 : 3,186,457
3,187,791
43 : 3,199,557
47 : 3,164,181
3,169,563
49 : 3,190,329
3,216,472
50 : 3,192,974
52 : 3,199,558
61 : 3,189,070
67 : 3,194,287
68 : 3,172,441
3,172,442
3,175,594
3,216,473
3,220,450
70 : 3,209,803
.1 : 3,175,595
.1 : 3,187,792
.1 : 3,208,491
71 : 3,217,765
72 : 3,182,698
3,192,975
3,212,544
73 : 3,180,382
76 : 3,165,132
3,186,458
3,203,457
78 : 3,167,102
3,195,594
3,216,474
79 : 3,175,596
3,194,288
3,196,915
81 : 3,164,182
3,179,138
3,199,559
3,211,203
3,217,766
83 : 3,174,520
3,186,459
91 : 3,182,699
94 : 3,200,864
3,204,676
95 : 3,200,865
3,215,178
102 : 3,182,700
3,225,802
105 : 3,181,582
3,194,289
106 : 3,170,498
107 : 3,176,738
3,177,911
117 : 3,165,133
3,186,460
119 : 3,185,196
3,225,803
120 : 3,195,595
124 : 3,200,866
129 : 3,171,457
130 : 3,215,179
150 : 3,199,560
162 : 3,195,596
164 : 3,195,597
165 : 3,191,650
3,196,916
169 : 3,196,917
177 : 3,195,598
181 : 3,213,911
182 : 3,215,180
3,219,081
3,221,788
192 : 3,200,867
203 : 3,180,383
3,190,330
3,207,197
204 : 3,164,183
221 : 3,203,458
3,207,198
223 : 3,225,804
224 : 3,212,545
227 : 3,220,451
228 : 3,177,912
234 : 3,204,677
3,211,204
235 : 3,169,564
238 : 3,176,739
3,179,139
3,194,290
3,217,767
241 : 3,173,463
3,175,592
3,191,651
3,192,976
3,192,977
3,199,561
3,217,768
242 : 3,190,331
3,213,912
279 : 3,165,134
3,217,769
285 : 3,179,140

Class 148

1 : 3,198,669
1.5 : 3,172,785
.5 : 3,174,882
.5 : 3,186,879
.5 : 3,188,244
.5 : 3,194,690
.5 : 3,198,670
.5 : 3,206,336
.5 : 3,207,635
.5 : 3,211,589
.5 : 3,212,939
.5 : 3,212,940
.5 : 3,223,560
.5 : 3,226,265
.6 : 3,186,880
.6 : 3,192,072
.6 : 3,194,691
.6 : 3,198,671
2 : 3,178,318
3 : 3,192,073
3,226,266
4 : 3,205,099
3,218,199
6.1 : 3,172,786
.1 : 3,193,416
.1 : 3,202,550
.1 : 3,216,866
.11: 3,201,285
.11: 3,201,286
.14: 3,192,074
.14: 3,198,672
.14: 3,215,564
.15: 3,175,931
.15: 3,178,319
.15: 3,178,320
.15: 3,181,976
.15: 3,197,344
.15: 3,197,345
.15: 3,198,673
.15: 3,198,674
.15: 3,203,835
.15: 3,210,219
.15: 3,214,302
.15: 3,218,200
.15: 3,220,890
.15: 3,224,908
.16: 3,185,596
.16: 3,192,075
.16: 3,207,636
.16: 3,219,489
.16: 3,222,226
.2 : 3,183,125
.2 : 3,189,488
.2 : 3,189,489
.2 : 3,202,551
.2 : 3,214,301
.21: 3,210,220
.24: 3,218,201
.3 : 3,164,493
.3 : 3,169,892
.3 : 3,200,015
.3 : 3,220,889
.31: 3,203,836
.35: 3,194,692
9.5 : 3,216,867
11.5 : 3,169,085
.5 : 3,172,787
.5 : 3,201,287
.5 : 3,219,490
.5 : 3,219,491
.5 : 3,219,492
.5 : 3,220,891
.5 : 3,222,227
.5 : 3,226,267
12 : 3,183,126
3,184,344
3,196,052
3,210,221
3,216,868
.4 : 3,196,053
.4 : 3,201,288
.4 : 3,207,637
.4 : 3,215,565
.7 : 3,212,941
13 : 3,188,245
3,194,693
3,197,346
3,198,675
3,201,289
3,202,552
3,219,493
.1 : 3,167,459
.1 : 3,178,321
.1 : 3,180,764
.1 : 3,180,765
.1 : 3,181,977
14 : 3,181,978
15 : 3,194,694
.5 : 3,172,788
.5 : 3,208,885
16 : 3,171,759
3,174,883
3,185,597
3,188,246
3,190,772
16 : 3,203,837
3,211,590
3,215,566
3,219,494
3,222,228
.5 : 3,201,290
.6 : 3,216,869
18 : 3,189,490
20.3 : 3,165,427
.3 : 3,197,347
.3 : 3,202,553
22 : 3,178,322
3,202,554
23 : 3,175,932
3,220,892
3,223,561
26 : 3,172,789
3,175,933
3,179,540
3,184,345
3,185,598
3,185,599
3,186,881
3,189,491
3,192,076
3,192,077
3,194,695
3,200,016
3,201,292
3,208,886
3,211,591
28 : 3,194,696
3,220,893
29 : 3,205,100
31 : 3,170,824
3,183,127
3,193,417
3,215,567
.5 : 3,164,494
.55: 3,184,346
.55: 3,201,293
.57: 3,206,337
32.5 : 3,172,790
33 : Re.25,952
3,180,766
3,184,347
3,200,017
3,208,887
3,210,222
3,215,568
3,220,894
.1 : 3,181,979
.2 : 3,226,268
.3 : 3,220,895
.5 : 3,220,896
.5 : 3,226,269
34 : 3,220,897
35 : 3,189,492
36 : 3,164,495
100 : 3,192,078
3,207,638
101 : 3,188,247
3,203,838
3,219,495
105 : 3,206,338
3,219,496
108 : 3,188,248
111 : 3,165,428
3,196,054
3,214,303
112 : 3,188,249
3,212,942
3,218,202
113 : 3,201,294
3,203,839
3,207,639
3,224,909
120 : 3,164,496
3,180,767
3,188,250
3,189,493
121 : 3,196,055
3,211,592
125 : 3,173,813
3,184,349
3,185,600
3,223,562
126 : 3,196,056
127 : 3,192,079
3,192,080
131 : 3,169,893
3,202,555
3,210,223
133 : 3,194,697
3,215,569
134 : 3,178,323
3,194,698
142 : 3,164,497
3,210,224
3,211,593
3,216,870
143 : 3,167,460
3,174,884
3,178,324
143 : 3,222,229
3,224,910
159 : 3,171,760
3,196,057
3,198,676
171 : 3,205,101
172 : 3,192,082
174 : 3,184,348
3,226,270
175 : 3,167,461
3,168,422
3,168,423
3,170,825
3,171,761
3,171,762
3,172,791
3,172,792
3,173,814
3,177,100
3,179,541
3,184,350
3,189,494
3,190,773
3,192,083
3,200,018
3,206,339
3,208,888
3,218,203
3,218,204
3,218,205
3,224,911
3,224,912
3,224,913
176 : 3,173,815
177 : 3,164,498
3,165,429
3,166,448
3,166,449
3,173,816
3,175,934
3,179,542
3,181,980
3,192,081
3,208,889
178 : 3,211,594
3,216,871
179 : 3,164,499
3,188,251
180 : 3,167,462
183 : 3,206,340
184 : 3,188,252
3,219,497
185 : 3,171,763
3,181,981
3,211,595
186 : 3,164,500
3,183,128
3,183,129
3,194,699
3,194,700
3,196,058
3,226,271
187 : 3,165,430
3,203,840
3,210,225
3,215,570
188 : 3,183,130
3,200,019
3,212,943
189 : 3,164,501
3,183,131
3,193,418
3,194,701
3,205,102
3,215,571
191 : 3,193,419

Class 149

1 : 3,188,253
3,222,230
2 : 3,173,817
3,180,768
3,184,351
3,203,841
3,206,341
3,215,572
3,222,231
7 : 3,190,774
3,215,573
8 : 3,190,775
3,190,776
3,193,420
17 : 3,197,348
18 : 3,164,502
3,164,503
3,186,882
3,220,898
19 : 3,171,764
3,172,793
3,172,794
3,177,101
3,180,769
3,180,770

19 : 3,181,982
3,184,352
3,185,601
3,189,495
3,189,496
3,193,421
3,196,059
3,197,349
3,198,677
3,203,842
3,203,843
3,214,304
3,214,305
3,214,306
3,218,206
3,223,563
20 : 3,202,556
21 : 3,212,944
22 : 3,164,504
3,189,497
3,201,291
3,219,498
3,219,499
23 : 3,205,103
29 : 3,183,132
3,193,422
35 : 3,173,818
36 : 3,164,505
3,219,500
38 : 3,203,844
39 : 3,216,872
40 : 3,172,795
3,183,133
41 : 3,214,307
43 : 3,177,102
3,222,232
44 : 3,198,678
45 : 3,180,771
46 : 3,166,450
3,166,451
3,166,452
47 : 3,180,772
3,208,890
51 : 3,212,945
57 : 3,190,777
58 : 3,180,773
67 : 3,178,325
76 : 3,214,308
91 : 3,208,891
92 : 3,222,233
98 : 3,211,596
109 : 3,166,453
3,202,557

Class 150

.5 : 3,164,184
.5 : 3,167,103
.5 : 3,167,104
.5 : 3,171,458
.5 : 3,176,740
.5 : 3,187,793
.5 : 3,187,794
.5 : 3,189,071
.5 : 3,189,072
.5 : 3,192,978
.5 : 3,213,913
.5 : 3,219,082
1 : 3,173,464
3,180,384
3,204,678
3,217,770
.5 : 3,164,185
.5 : 3,177,913
.5 : 3,215,181
.5 : 3,219,083
.6 : 3,176,741
3 : 3,164,186
3,172,443
3,181,583
3,198,228
3,219,084
7 : 3,200,868
8 : 3,190,332
3,192,979
9 : 3,209,804
3,221,789
12 : 3,208,492
28 : 3,182,701
3,186,461
3,194,291
30 : 3,199,562
3,202,191
3,207,199
32 : 3,173,465
33 : 3,167,106
34 : 3,176,742
3,186,462
3,186,463
35 : 3,164,187
3,164,188
3,189,073
3,225,805
38 : 3,165,135
38 : 3,166,111
3,220,452
39 : 3,187,795
40 : 3,212,546
3,224,480
42 : 3,176,743
48 : 3,180,385
50 : 3,172,444
51 : 3,202,192
3,215,182
52 : 3,164,189
3,166,112
3,185,197
3,185,198
3,189,074
3,191,652
3,199,563
3,202,193
3,217,771
3,225,806

Class 151

7 : 3,173,466
3,176,744
3,182,702
3,182,703
3,189,075
3,195,599
3,202,194
3,203,459
3,220,453
3,221,790
3,225,807
8 : 3,164,190
3,208,493
11 : 3,167,105
14 : 3,169,565
3,174,521
3,174,522
3,203,460
3,212,547
15 : 3,216,475
3,225,808
19 : 3,225,809
20 : 3,176,745
21 : 3,171,459
3,177,914
3,191,653
3,198,229
3,198,230
3,199,564
3,202,195
3,208,494
3,221,791
22 : 3,176,746
3,186,464
3,196,918
24 : 3,179,141
25 : 3,179,142
3,208,495
30 : 3,209,805
31 : 3,168,915
35 : 3,190,333
3,194,292
3,199,565
36 : 3,182,704
37 : 3,171,460
3,181,584
3,190,334
38 : 3,196,919
3,221,792
3,221,793
41.5 : 3,192,980
.7 : 3,174,523
.7 : 3,176,747
.7 : 3,179,143
.7 : 3,199,566
.7 : 3,219,086
.71: 3,164,191
.71: 3,186,465
.72: 3,177,915
.72: 3,204,679
.72: 3,213,914
.72: 3,220,454
.73: 3,177,916
.73: 3,179,144
.73: 3,180,386
.73: 3,180,387
.73: 3,187,796
.73: 3,198,231
.73: 3,215,183
.75: 3,165,136
.75: 3,181,585
.75: 3,189,076
.75: 3,192,981
.75: 3,192,982
.75: 3,198,232
.75: 3,217,772
.75: 3,217,773
.75: 3,219,085
.75: 3,219,087
.75: 3,219,088
.75: 3,219,089
41.76: 3,205,927
.76: 3,208,496
69 : 3,171,461
3,180,388
3,180,389
3,180,390
3,189,077
3,195,600
3,204,680
3,209,806
3,209,807
3,217,774
3,221,794

Class 152

7 : 3,219,090
9 : 3,217,775
12 : 3,182,705
56 : 3,179,145
154 : 3,187,797
3,204,681
157 : 3,208,497
158 : 3,180,391
3,212,548
166 : 3,205,928
176 : 3,224,481
3,224,482
182 : 3,200,869
187 : 3,205,929
3,224,483
191 : 3,183,956
209 : 3,168,916
3,176,748
3,177,917
3,185,199
3,196,920
3,199,567
210 : 3,179,146
3,179,147
3,186,466
3,196,921
3,212,549
3,217,776
3,220,455
211 : 3,182,706
3,215,184
3,217,777
214 : 3,212,550
216 : 3,190,335
218 : 3,198,233
221 : 3,192,983
225 : 3,208,498
226 : 3,186,467
3,205,930
227 : 3,190,336
233 : 3,170,500
3,190,337
236 : 3,165,137
237 : 3,175,597
3,211,205
241 : 3,181,586
307 : 3,208,499
310 : 3,179,148
313 : 3,195,601
327 : 3,194,293
3,208,500
330 : 3,169,566
3,170,499
3,177,918
3,179,149
3,194,294
3,208,501
3,219,091
3,220,456
3,223,134
3,225,810
340 : 3,196,922
3,219,092
3,225,811
341 : 3,191,654
347 : 3,186,468
353 : 3,164,192
354 : 3,165,138
3,172,445
3,192,984
3,195,602
3,205,931
3,207,200
3,216,476
355 : 3,171,462
356 : 3,164,193
359 : 3,195,603
3,217,778
361 : 3,166,113
3,175,598
3,195,604
3,225,812
362 : 3,203,461
367 : 3,198,234
370 : 3,169,567
3,172,446
3,174,524
3,174,525
370 : 3,175,599
3,190,338
374 : 3,190,339
396 : 3,195,605
397 : 3,172,447
406 : 3,212,551
407 : 3,164,194
410 : 3,224,484
427 : 3,191,655
3,213,915

Class 153

1 : 3,165,139
3,166,114
3,167,107
3,168,917
3,168,918
3,170,501
2 : 3,171,463
3,172,448
3,172,449
3 : 3,172,450
10 : 3,172,455
21 : 3,165,140
24 : 3,168,129
31 : 3,168,919
32 : 3,164,195
3,165,141
3,169,568
35 : 3,164,196
40 : 3,172,451
46 : 3,172,452
48 : 3,172,453
64 : 3,167,108
79 : 3,172,454
81 : 3,170,502
86 : 3,171,464

Class 156

2 : 3,224,914
3 : 3,175,935
3,177,103
3,192,084
3,194,702
3,200,020
3,215,574
6 : 3,205,104
7 : 3,186,883
[redacted] : 3,210,226
11 : 3,179,543
3,206,342
13 : 3,167,463
3,186,884
14 : 3,177,104
3,193,423
3,214,309
3,214,310
3,216,873
17 : 3,181,983
3,194,703
18 : 3,205,105
20 : 3,171,765
3,171,766
3,171,767
3,181,984
22 : 3,194,704
23 : 3,220,899
24 : 3,171,768
25 : 3,174,885
39 : 3,181,985
48 : 3,218,207
49 : 3,178,326
53 : 3,219,501
3,223,564
55 : 3,179,544
56 : 3,196,060
3,202,558
58 : Re.25,930
3,185,602
60 : 3,222,234
62 : 3,190,778
.2 : 3,220,900
.6 : 3,201,295
.8 : 3,214,311
63 : 3,196,061
64 : 3,197,350
66 : Re.25,935
3,190,779
3,202,559
67 : 3,226,272
69 : 3,164,506
3,170,826
3,214,312
3,216,874
71 : 3,189,498
3,211,597
3,212,946
72 : 3,174,886
3,192,085
3,206,343
3,207,640
73 : 3,180,774
73 : 3,184,353
3,184,354
3,193,424
3,222,235
3,224,915
3,224,916
78 : 3,166,454
3,170,827
79 : 3,174,887
3,175,936
3,196,062
3,205,106
3,219,502
3,220,901
3,220,902
82 : 3,210,227
83 : 3,220,903
85 : 3,180,775
3,211,598
86 : 3,206,344
3,223,565
88 : 3,166,455
89 : 3,175,937
3,179,545
3,192,086
3,208,892
3,215,575
93 : 3,200,021
94 : 3,215,243
96 : 3,198,679
3,198,680
101 : Re.25,711
108 : 3,165,431
3,201,296
3,224,917
116 : 3,218,208
117 : 3,183,134
123 : 3,218,209
3,223,566
126 : 3,183,135
3,192,087
132 : 3,171,769
3,186,885
133 : 3,178,327
136 : 3,212,947
137 : 3,188,254
3,193,425
139 : 3,222,236
143 : 3,192,088
3,194,705
3,211,599
3,218,210
145 : 3,206,345
148 : 3,219,503
152 : 3,219,504
154 : 3,184,355
3,216,875
3,219,505
155 : 3,189,499
3,189,500
3,214,313
159 : 3,184,356
160 : 3,214,314
162 : 3,190,780
3,202,560
3,215,576
165 : 3,184,357
166 : 3,192,089
3,215,577
167 : 3,178,328
3,220,904
169 : 3,200,022
172 : 3,200,023
3,207,641
3,210,228
173 : 3,216,876
175 : 3,203,845
3,224,918
176 : 3,208,893
177 : 3,222,237
180 : 3,205,107
3,220,905
181 : 3,197,351
184 : 3,200,024
3,201,297
185 : 3,169,894
3,193,426
189 : 3,188,255
3,189,501
3,205,108
191 : 3,207,642
195 : 3,226,273
196 : 3,198,681
197 : 3,164,507
3,166,456
3,205,109
3,220,906
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202 : 3,183,136
209 : 3,200,025
3,206,346
3,207,643
210 : 3,185,604
3,189,502
211 : 3,193,427
212 : 3,170,828
3,212,948
213 : 3,210,229
214 : 3,211,600
216 : 3,202,561
217 : 3,192,090
3,207,644
3,218,211
218 : 3,177,105
220 : 3,219,506
222 : 3,205,110
3,214,315
228 : 3,180,776
3,210,230
230 : 3,174,888
3,216,877
231 : 3,189,503
233 : 3,181,986
234 : 3,189,504
242 : 3,194,706
3,197,352
244 : 3,165,432
3,168,424
3,184,358
3,188,256
3,189,505
3,190,781
3,193,428
3,215,578
3,218,212
3,219,507
245 : 3,220,907
246 : 3,216,878
247 : 3,192,091
3,194,707
3,212,949
250 : 3,177,106
3,178,329
3,205,111
252 : 3,205,112
3,226,274
253 : 3,178,330
3,186,886
3,223,567
254 : 3,167,464
3,174,889
255 : 3,223,568
257 : 3,211,601
264 : 3,218,213
267 : 3,173,819
269 : 3,166,457
3,172,796
271 : 3,165,433
272 : 3,174,890
3,179,546
3,196,064
273 : 3,164,508
3,188,257
279 : 3,194,708
3,207,645
280 : 3,218,214
281 : 3,207,646
283 : 3,172,797
287 : 3,169,086
289 : 3,185,605
3,215,579
291 : 3,196,065
292 : 3,200,026
293 : 3,168,425
3,205,113
294 : 3,188,258
3,202,562
3,223,569
295 : 3,166,458
296 : 3,189,506
298 : 3,186,887
3,198,682
3,223,570
299 : 3,181,987
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304 : 3,219,508
306 : 3,168,426
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307 : 3,168,427
3,208,894
308 : 3,192,092
309 : 3,183,137
310 : 3,180,777
311 : 3,180,778
315 : 3,179,547
3,224,920
319 : 3,177,107
321 : 3,218,215
325 : 3,186,888
327 : 3,165,434
329 : 3,193,429
330 : 3,211,602
3,222,238
332 : 3,167,465
3,215,580
333 : 3,186,889
335 : 3,226,276
345 : 3,219,509
3,226,277
349 : 3,184,359
350 : 3,181,988
3,192,093
351 : 3,212,950
352 : 3,208,895
353 : 3,192,094
355 : 3,193,430
3,194,709
357 : 3,220,908
360 : 3,194,710
361 : 3,169,895
362 : 3,218,216
363 : 3,186,890
364 : 3,179,548
3,183,138
366 : 3,197,353
369 : 3,173,820
373 : 3,214,316
380 : 3,166,459
3,172,798
3,188,259
3,194,711
3,205,114
3,222,239
384 : 3,193,431
386 : 3,220,909
392 : 3,223,571
394 : 3,194,712
3,207,647
3,212,951
3,223,572
396 : 3,223,573
401 : 3,173,821
3,184,360
403 : 3,219,510
3,224,921
405 : 3,170,829
3,196,066
406 : 3,216,879
410 : 3,190,782
3,203,846
415 : 3,178,331
3,184,361
3,188,260
3,207,648
417 : 3,207,649
423 : 3,184,362
425 : 3,220,910
426 : 3,164,509
429 : 3,173,822
431 : 3,169,087
3,201,298
433 : 3,184,363
3,224,922
435 : 3,173,823
441 : 3,208,896
442 : 3,168,428
443 : 3,185,607
3,215,581
446 : 3,166,460
3,194,713
3,207,650
447 : 3,166,461
449 : 3,200,027
466 : 3,202,563
3,207,651
467 : 3,193,432
473 : 3,220,911
474 : 3,218,217
475 : 3,172,799
3,208,897
476 : 3,197,354
3,206,347
477 : 3,166,463
479 : 3,205,115
482 : 3,222,240
484 : 3,173,824
485 : 3,201,299
486 : 3,174,891
3,198,683
488 : 3,206,348
489 : 3,170,830
3,175,938
3,190,783
492 : 3,168,429
493 : 3,188,261
497 : 3,226,278
498 : 3,208,898
499 : 3,166,462
3,175,939
3,200,028
500 : 3,205,116
502 : 3,186,891
3,194,714
504 : 3,184,364
505 : 3,167,466
3,226,279
506 : 3,185,608
507 : 3,169,896
510 : 3,192,095
3,226,280
513 : 3,190,784

Class 156—Con.

513 : 3,205,117
3,226,281
514 : 3,164,510
515 : 3,214,317
3,216,880
517 : 3,206,349
518 : 3,198,684
3,210,231
519 : 3,226,282
520 : 3,168,430
522 : 3,226,283
523 : 3,186,892
527 : 3,193,433
3,206,350
530 : 3,185,609
3,196,067
3,218,218
532 : 3,219,511
536 : 3,208,899
537 : 3,196,068
540 : 3,200,029
3,211,603
545 : 3,220,912
547 : 3,196,069
548 : 3,184,365
549 : 3,185,610
552 : 3,223,574
564 : 3,215,582
566 : 3,181,989
569 : 3,202,564
571 : 3,196,070
575 : 3,183,139
3,188,262
3,222,241
577 : 3,211,604
583 : 3,174,892
3,192,096
3,194,715
3,198,685
584 : 3,190,785
3,222,242
587 : 3,218,219
596 : 3,189,507

Class 157

1.1 : 3,169,569
.17: 3,164,198
.17: 3,165,142
.17: 3,181,587
.17: 3,191,656
.17: 3,212,552
.2 : 3,221,795
.24: 3,164,199
.24: 3,191,657
.24: 3,211,206
.28: 3,168,130
.28: 3,180,392
.28: 3,213,916
.3 : 3,164,197

Class 158

1 : 3,174,530
3,179,150
3,185,200
3,192,985
3,195,606
3,207,201
3,213,917
3,224,485
.5 : 3,179,151
.5 : 3,180,393
.5 : 3,198,235
.5 : 3,202,196
.5 : 3,203,462
.5 : 3,203,463
.5 : 3,208,502
.5 : 3,219,093
.5 : 3,221,796
2 : 3,182,707
4 : 3,169,570
3,171,465
3,174,526
3,175,600
3,176,749
3,176,750
3,182,708
3,185,201
3,185,202
3,190,340
3,192,986
3,194,295
3,195,607
3,200,870
3,202,197
3,202,198
3,207,202
3,212,553
3,220,457
3,224,486
3,225,813
4.5 : 3,223,135
5 : 3,195,608
7 : 3,180,394
3,187,798
3,195,609
3,200,871
3,205,932
3,209,808
3,219,094
.5 : 3,220,458
.6 : 3,212,554
11 : 3,164,200
3,174,527
3,179,152
3,180,395
3,213,918
3,217,779
3,221,797
3,223,136
13.6 : 3,171,466
27.4 : 3,172,457
.4 : 3,180,396
.4 : 3,180,397
.4 : 3,181,588
.4 : 3,192,987
.4 : 3,204,682
.4 : 3,220,459
28 : 3,164,201
3,173,467
3,174,528
3,186,469
3,190,341
3,191,658
3,195,610
3,196,923
3,198,236
3,208,503
3,209,809
3,216,477
3,220,460
3,221,798
3,221,799
3,223,137
3,223,138
3,224,487
32 : 3,181,589
33 : 3,196,924
3,223,139
36 : 3,170,503
3,174,529
3,196,925
3,215,185
3,219,095
.3 : 3,171,467
.3 : 3,172,458
.3 : 3,177,919
.3 : 3,179,153
.3 : 3,182,709
.3 : 3,186,470
.3 : 3,189,078
.3 : 3,195,611
.3 : 3,196,926
.3 : 3,212,555
.3 : 3,220,461
.4 : 3,164,202
.4 : 3,173,468
.4 : 3,177,920
.4 : 3,177,921
.4 : 3,183,957
.4 : 3,192,988
.4 : 3,223,140
.4 : 3,225,814
42.1 : 3,202,199
46 : 3,173,469
.5 : 3,189,079
.5 : 3,207,203
.5 : 3,221,800
63 : 3,177,922
3,215,186
71 : 3,199,568
73 : 3,167,109
3,212,556
3,223,141
3,224,488
76 : 3,168,131
3,169,571
3,176,751
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3,190,342
3,198,237
3,200,872
3,209,810
3,211,207
3,213,919
3,215,187
77 : 3,182,710
3,195,612
3,200,873
3,217,780
79 : 3,172,459
91 : 3,176,752
3,199,569
94 : 3,168,132
99 : 3,173,470
99 : 3,179,154
3,212,557
3,215,188
3,219,096
3,225,815
100 : 3,181,590
104 : 3,181,591
3,198,238
3,199,570
3,208,504
106 : 3,198,239
108 : 3,212,558
109 : 3,174,531
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3,202,201
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113 : 3,174,532
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114 : 3,167,110
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3,202,202
3,205,933
116 : 3,169,572
3,170,504
3,177,923
3,179,155
3,179,156
3,179,157
3,182,712
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3,198,240
3,199,572
3,199,573
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3,202,204
3,204,684
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3,223,142
118 : 3,202,205
120 : 3,175,601
122 : 3,176,754
3,186,472
3,191,660
3,194,296
3,196,928
123 : 3,173,472
3,173,473
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3,200,875
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124 : 3,181,592
3,183,959
3,196,929
125 : 3,171,469
3,171,470
3,172,456
3,174,534
3,174,535
3,185,203
3,191,661
3,204,685
3,223,143
3,225,816
127 : 3,213,921
128 : 3,207,204
129 : 3,182,713
130 : 3,220,462
132 : 3,217,782
3,220,463
140 : 3,164,203
3,204,686
3,213,922
3,216,479

Class 159

2 : 3,203,464
3,217,783
3 : 3,191,662
4 : 3,190,343
3,212,559
5 : 3,192,990
6 : 3,180,398
3,180,399
3,190,344
6 : 3,199,574
3,199,575
3,204,687
3,211,209
3,219,099
3,225,817
7 : 3,194,297
11 : 3,166,464
12 : 3,208,506
13 : 3,198,241
3,209,812
3,216,480
3,223,144
16 : 3,215,189
25 : 3,189,080
28 : 3,181,593
37 : 3,168,431
44 : 3,176,755
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3,203,466
3,215,190
3,221,801
47 : 3,165,435
3,171,770
3,179,159
3,195,613
3,203,465
3,204,688
3,205,934
3,207,205
3,216,481
3,223,145
48 : 3,196,930
49 : 3,195,614

Class 160

23 : 3,175,602
24 : 3,166,115
3,168,134
3,182,714
3,191,663
3,203,467
3,207,206
3,211,210
3,220,464
3,225,818
26 : 3,186,473
27 : 3,173,474
35 : 3,194,298
38 : 3,223,146
40 : 3,166,116
3,194,299
84 : 3,223,147
90 : 3,219,100
91 : 3,177,924
92 : 3,207,207
3,220,465
107 : 3,175,603
113 : 3,195,615
3,217,784
114 : 3,177,925
121 : 3,195,616
124 : 3,181,594
132 : 3,190,345
133 : 3,172,461
3,173,475
3,185,205
135 : 3,204,689
3,224,489
167 : 3,192,991
168 : 3,208,507
3,224,490
171 : 3,181,595
172 : 3,190,346
173 : 3,189,081
3,191,664
3,200,876
3,221,802
176 : 3,170,505
3,180,400
3,204,690
178 : 3,189,082
183 : 3,167,111
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3,205,935
188 : 3,196,932
3,213,923
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189 : 3,165,143
3,190,347
3,207,208
3,224,492
3,224,493
190 : 3,198,242
191 : 3,212,560
3,213,924
193 : 3,185,206
3,195,617
3,199,576
193 : 3,219,101
202 : 3,204,691
206 : 3,170,506
3,181,596
3,187,800
3,215,191
3,220,468
3,221,803
3,221,804
207 : 3,192,992
3,196,933
209 : 3,176,757
213 : 3,224,494
216 : 3,216,482
221 : 3,165,144
229 : 3,168,135
3,196,934
3,221,805
238 : 3,186,474
243 : 3,211,211
263 : 3,202,206
265 : 3,180,401
267 : 3,196,935
298 : 3,179,160
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313 : 3,179,161
323 : 3,195,618
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324 : 3,192,993
326 : 3,186,475
328 : 3,177,927
329 : 3,213,925
345 : 3,192,994
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3,192,996
347 : 3,198,243
348 : 3,181,597
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3,223,148
349 : 3,224,495
354 : 3,212,561
363 : 3,167,112
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368 : 3,216,483
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369 : 3,170,507
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378 : 3,175,604
380 : 3,220,469
382 : 3,185,207
392 : 3,166,117
3,187,801
402 : 3,213,926
403 : 3,181,598
404 : 3,217,786

Class 161

1 : 3,208,902
3,218,220
5 : 3,174,893
3,183,140
3,190,786
3,208,900
3,212,952
6 : 3,180,779
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14 : Re.25,895
3,170,831
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16 : 3,220,913
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24 : 3,167,467
3,210,232
25 : 3,189,508
26 : 3,212,953
27 : 3,177,108
31 : 3,169,897
36 : 3,185,611
3,218,221
37 : 3,178,332
38 : 3,192,097
39 : 3,189,509
40 : 3,193,435
41 : 3,175,940
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43 : 3,179,549
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3,192,099
3,198,687
3,211,605
44 : 3,171,771
3,180,780
3,226,284
45 : 3,180,781
53 : 3,215,583
57 : 3,164,511
58 : 3,183,142
59 : 3,193,436
3,206,351
60 : 3,186,893
3,216,881
62 : 3,169,901
3,179,550
3,201,300
63 : 3,171,484
3,184,367
64 : 3,215,584
3,224,923
66 : 3,166,465
68 : 3,169,898
3,178,335
3,210,233
3,214,319
3,224,924
69 : 3,168,432
72 : 3,169,899
3,226,285
73 : 3,180,782
3,197,355
3,202,565
82 : 3,203,847
83 : 3,223,575
84 : 3,186,894
3,223,576
87 : 3,219,513
88 : 3,203,848
3,212,955
89 : 3,193,437
3,193,438
3,214,320
91 : 3,205,119
92 : 3,218,222
93 : 3,180,783
3,193,439
3,197,356
3,206,352
3,207,652
95 : 3,185,612
96 : 3,203,849
97 : 3,198,688
100 : 3,172,800
3,198,689
102 : 3,202,566
104 : 3,194,716
109 : 3,216,882
112 : 3,201,301
113 : 3,171,772
3,194,717
3,194,718
3,200,030
3,222,243
114 : 3,169,088
116 : Re.25,778
3,179,551
3,197,357
3,197,358
119 : 3,170,832
3,181,990
3,186,895
3,210,234
123 : 3,206,353
127 : 3,219,514
128 : 3,220,914
131 : 3,214,321
133 : 3,186,896
3,212,956
3,214,322
143 : 3,179,552
3,189,510
148 : 3,214,323
149 : 3,169,900
3,220,915
150 : 3,186,897
151 : 3,180,784
3,208,901
3,220,916
156 : 3,173,825
3,194,719
3,194,720
3,194,721
3,194,722
3,194,723
157 : 3,184,368
158 : 3,194,724
159 : 3,193,440
3,193,441
3,198,690
160 : 3,205,120
161 : 3,173,826
3,177,109
3,190,787
3,206,354
162 : 3,178,333
3,189,511
3,202,567
163 : 3,216,883
164 : 3,190,788
165 : 3,178,334
3,188,263
3,192,100
165 : 3,194,725
3,220,917
167 : 3,212,957
3,212,959
168 : 3,171,773
3,188,264
169 : 3,180,785
3,193,442
170 : 3,215,585
171 : 3,226,286
175 : 3,167,468
3,226,287
176 : 3,183,143
177 : 3,169,089
3,171,774
179 : 3,184,369
3,185,613
183 : 3,179,553
184 : 3,198,691
3,212,958
185 : 3,214,324
186 : 3,170,833
3,219,515
188 : 3,188,265
3,188,266
3,198,692
190 : 3,207,653
3,219,516
192 : 3,189,512
193 : 3,184,370
3,184,371
3,202,568
3,223,577
195 : 3,189,513
196 : 3,193,443
3,206,355
199 : 3,192,101
200 : 3,218,223
203 : 3,215,586
206 : 3,200,031
214 : 3,186,898
216 : 3,172,801
3,179,554
227 : 3,194,726
3,207,654
229 : 3,226,288
231 : 3,205,121
232 : 3,216,884
247 : 3,205,122
3,218,224
248 : 3,218,225
250 : 3,189,514
3,196,063
252 : 3,183,144
3,201,302
3,216,885
254 : 3,223,578
259 : 3,174,895
261 : 3,185,614
262 : 3,213,045
269 : 3,189,515

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3 : 3,170,834
4 : 3,173,827
5 : 3,179,555
6 : 3,189,516
13 : 3,202,569
16 : 3,197,359
19 : 3,165,436
3,193,444
3,200,032
3,215,587
3,215,588
24 : 3,186,899
3,192,102
28 : 3,216,886
30 : 3,210,235
33 : 3,210,236
38 : 3,174,896
3,216,887
45 : 3,177,110
47 : 3,183,145
52 : 3,172,802
53 : 3,201,303
60 : 3,207,655
61 : 3,210,237
72 : 3,218,226
73 : 3,177,111
76 : 3,193,445
86 : 3,168,433
3,177,112
93 : 3,224,925
103 : 3,205,123
112 : 3,164,512
113 : 3,203,850
116 : 3,173,828
123 : 3,223,579
124 : 3,168,434
3,215,589
135 : 3,166,466
136 : 3,205,124
141 : 3,173,829

145 : 3,184,372
3,193,446
3,212,960
3,216,888
3,220,918
3,223,580
146 : 3,173,830
3,200,033
3,224,926
152 : 3,184,373
3,215,590
154 : 3,173,831
155 : 3,224,927
157 : 3,193,447
3,222,244
3,223,581
158 : 3,180,786
3,212,961
3,214,325
159 : 3,202,570
161 : 3,193,448
3,196,071
163 : 3,180,787
164 : 3,186,900
3,210,238
3,219,517
166 : 3,210,239
168 : 3,194,727
3,201,304
3,203,851
3,207,656
3,212,962
3,222,245
175 : 3,197,360
3,210,240
3,219,518
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178 : 3,205,125
179 : 3,194,728
180 : 3,186,901
3,193,449
181 : 3,190,789
192 : 3,193,450
198 : 3,196,072
203 : 3,201,305
205 : 3,214,326
3,214,327
3,214,328
208 : 3,207,657
212 : 3,164,513
3,190,790
213 : 3,201,306
214 : 3,224,928
216 : 3,171,775
3,180,788
218 : 3,210,241
3,216,889
219 : 3,190,791
223 : 3,166,467
227 : 3,167,469
3,216,890
228 : 3,165,437
3,185,615
237 : 3,180,789
3,188,267
3,206,356
246 : 3,201,307
3,215,591
252 : 3,215,592
255 : 3,218,227
257 : 3,184,374
259 : 3,165,438
260 : 3,188,268
264 : 3,190,792
271 : 3,185,616
272 : 3,198,693
273 : 3,186,902
274 : 3,185,617
3,218,228
3,219,520
275 : 3,216,891
278 : 3,190,793
284 : 3,197,361
301 : 3,215,593
303 : 3,215,594
306 : 3,207,658
317 : 3,205,126
337 : 3,165,439
342 : 3,224,929
343 : 3,184,375
3,216,892
3,220,919
347 : 3,167,470
348 : 3,164,514
3,168,435
3,177,113
3,189,517
3,207,659
3,211,606
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349 : 3,222,246
352 : 3,165,440
3,201,308
3,220,920

357 : 3,201,309
358 : 3,198,694
3,214,329
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359 : 3,198,695
360 : 3,198,696
363 : 3,205,127
369 : 3,171,776
371 : 3,185,618
372 : 3,198,697
374 : 3,194,729
375 : 3,201,310
384 : 3,188,269
392 : 3,166,468
3,185,619
395 : 3,188,270
401 : 3,205,128

Class 165

1 : RE.25,927
3,164,204
3,167,113
3,169,575
3,172,462
3,181,599
3,181,600
3,183,960
3,186,476
3,194,300
3,195,619
3,203,470
3,207,209
3,217,787
2 : 3,165,145
3,165,146
3,165,147
3,167,114
3,171,471
3,172,463
3,179,162
3,183,961
3,186,477
3,187,802
3,195,620
3,208,508
3,217,788
3,219,102
3,224,497
3,225,819
3 : 3,183,962
4 : 3,181,601
3,181,602
3,191,666
3,200,877
3,203,471
3,216,484
5 : 3,176,758
3,192,997
3,216,485
3,224,498
6 : 3,164,205
3,187,803
7 : 3,167,115
3,177,928
3,186,478
3,187,804
3,189,083
3,190,349
3,194,301
3,217,789
8 : 3,216,486
9 : 3,166,118
3,166,119
3,175,605
3,180,402
3,181,603
3,182,715
3,185,208
3,187,805
3,189,084
3,190,350
3,190,351
3,192,998
3,192,999
3,194,302
3,202,207
3,208,509
3,209,813
3,211,213
3,216,487
3,216,488
10 : 3,183,963
3,186,479
3,195,621
3,203,472
11 : RE.25,808
12 : 3,171,472
3,182,716
3,189,085
3,212,562
14 : 3,209,814
3,213,927

14 : 3,216,489
16 : 3,193,000
3,217,790
17 : 3,173,476
3,215,192
21 : 3,171,473
22 : 3,167,116
3,176,759
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3,187,806
3,191,667
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3,198,245
3,202,208
25 : 3,191,669
26 : 3,166,120
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27 : 3,186,480
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28 : 3,183,964
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29 : 3,165,148
3,176,760
3,183,965
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3,216,490
30 : 3,165,149
3,174,537
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32 : 3,183,966
3,202,209
33 : 3,223,149
34 : 3,194,304
3,223,150
35 : 3,166,121
3,198,246
3,203,473
3,213,929
36 : 3,172,464
3,199,577
38 : 3,213,930
39 : 3,177,929
3,203,474
3,223,151
40 : 3,203,475
3,220,470
41 : 3,174,538
3,175,606
42 : 3,170,509
3,203,476
3,219,103
43 : 3,171,474
44 : 3,199,578
45 : 3,212,563
3,217,791
46 : 3,211,215
3,211,216
3,216,492
47 : 3,180,404
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48 : 3,199,579
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51 : 3,208,510
53 : 3,224,500
55 : 3,175,607
56 : 3,194,306
58 : 3,212,565
60 : 3,182,718
61 : 3,213,932
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62 : 3,177,930
63 : 3,209,815
64 : 3,199,580
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3,221,806
65 : 3,177,931
66 : 3,212,566
67 : 3,171,475
3,179,163
3,199,581
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68 : 3,196,937
69 : 3,199,582
3,212,567
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3,225,823
70 : 3,168,136
3,173,477
71 : 3,179,164
3,185,211
3,209,816
73 : 3,200,879
3,217,792

74 : 3,187,807
75 : 3,165,150
3,189,086
76 : 3,174,539
3,191,670
80 : 3,205,936
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81 : 3,165,151
3,169,576
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3,207,214
3,224,501
82 : 3,224,502
83 : 3,183,967
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84 : 3,191,671
85 : 3,171,476
86 : 3,185,212
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88 : 3,177,932
3,196,938
3,200,880
3,208,512
3,221,807
89 : 3,217,794
90 : 3,181,605
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3,209,817
3,217,795
94 : 3,198,247
95 : 3,211,217
3,215,195
96 : 3,177,933
3,205,937
97 : 3,172,465
101 : 3,195,622
3,217,796
104 : 3,170,510
3,200,881
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105 : 3,174,540
106 : 3,171,477
3,203,478
3,213,934
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107 : 3,196,939
108 : 3,170,511
3,172,466
3,196,940
3,205,938
109 : 3,196,941
110 : 3,168,137
3,170,512
3,204,692
111 : 3,182,719
3,204,693
117 : 3,180,405
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119 : 3,168,138
3,191,672
120 : 3,216,493
121 : 3,173,478
3,220,471
122 : 3,173,479
3,174,541
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123 : 3,183,968
3,194,307
3,211,218
124 : 3,185,213
129 : 3,195,623
132 : 3,213,937
134 : 3,185,210
3,190,352
3,203,479
3,207,215
3,217,797
3,219,106
135 : 3,199,583
3,209,818
139 : 3,166,122
3,193,002
143 : 3,171,478
3,177,934
3,213,938
144 : 3,180,406
3,199,584
3,205,939
3,205,940
145 : 3,180,407
146 : 3,223,152
148 : 3,207,216
151 : 3,191,673
152 : 3,217,798
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154 : 3,202,210
155 : 3,209,819

157 : 3,225,825
158 : 3,173,480
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3,195,624
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161 : 3,180,408
162 : 3,176,762
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163 : 3,212,571
164 : 3,215,193
165 : 3,194,308
166 : 3,165,152
3,176,763
3,179,165
3,195,625
3,196,942
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168 : 3,176,764
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169 : 3,177,935
170 : 3,181,607
3,194,309
171 : 3,224,503
172 : 3,220,472
174 : 3,173,482
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176 : 3,223,155
179 : 3,177,936
3,195,626
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181 : 3,183,970
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3,195,627
182 : 3,190,353
184 : 3,177,937
185 : 3,187,812
3,193,003
3,195,628
3,209,821
3,212,573
3,216,496
3,224,504

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.6 : 3,225,826
1 : 3,199,585
2 : 3,167,117
3,172,467
3,208,514
3,209,822
3,221,809
3 : 3,212,574
4 : 3,165,153
3,175,608
3,177,938
3,180,409
3,181,608
3,186,481
3,193,004
3,193,005
3,194,310
3,198,249
3,198,250
3,203,480
3,205,941
3,205,942
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3,209,823
5 : 3,224,505
3,168,920
6 : 3,223,156
7 : 3,193,006
3,223,157
8 : 3,213,939
3,219,107
9 : 3,167,118
3,167,119
3,170,513
3,170,514
3,174,542
3,175,609
3,175,610
3,177,939
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3,180,410
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3,185,214
3,185,215
3,185,634

9 : 3,186,482
3,191,675
3,191,676
3,195,629
3,196,944
3,199,586
3,199,587
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3,205,943
3,207,217
3,208,515
3,208,517
3,208,518
3,209,824
3,212,575
3,215,197
3,215,198
3,220,473
3,220,474
10 : 3,167,120
3,193,007
3,221,810
11 : 3,165,154
3,167,121
3,170,515
3,171,479
3,174,543
3,174,544
3,179,167
3,180,411
3,180,412
3,180,413
3,182,721
3,193,008
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3,194,311
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3,221,813
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12 : 3,219,109
3,219,110
14 : 3,167,122
3,179,168
3,191,677
19 : 3,216,497
21 : 3,183,971
3,190,354
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23 : 3,170,516
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25 : 3,171,480
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26 : 3,213,940
27 : 3,223,160
28 : 3,171,481
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29 : 3,168,139
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30 : 3,195,630
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31 : 3,181,610
3,190,356
3,219,112
32 : 3,180,415
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33 : RE.25,747
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33 : 3,181,612
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35 : 3,175,613
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36 : 3,174,545
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38 : 3,164,206
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3,223,166
39 : 3,164,207
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40 : RE.25,918
41 : 3,172,473
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42 : 3,164,208
3,167,123
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3,169,577
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3,175,616
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3,195,634
3,195,635
3,199,591
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43 : 3,180,418
44 : 3,190,357
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3,217,802
45 : 3,167,125
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46 : 3,166,123
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3,202,218
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3,226,728

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48 : 3,170,518
3,198,254
49 : 3,179,177
3,179,178
3,212,578
51 : 3,182,723
52 : 3,186,484
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53 : 3,202,219
54.5 : 3,193,013
.6 : 3,199,593
55 : 3,225,828
.1 : 3,168,141
.1 : 3,169,578
.1 : 3,174,547
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.1 : 3,189,094
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.3 : 3,221,815
.6 : 3,174,548
.6 : 3,204,695
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.8 : 3,220,478
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57 : 3,193,014
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58 : 3,195,637
59 : 3,204,696
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60 : 3,170,519
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63 : 3,175,618
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64 : 3,171,485
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65 : 3,170,520
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66 : 3,225,830
.5 : 3,166,124
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67 : 3,166,125
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68 : 3,177,943
70 : 3,165,155
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72 : 3,216,501
75 : 3,211,225
3,223,167
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77 : 3,215,203
.5 : 3,177,944
.5 : 3,194,313
84 : 3,209,830
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85 : 3,183,973
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85 : 3,207,221
89 : 3,186,488
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99 : 3,198,256
100 : 3,173,485
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104 : 3,167,126
106 : 3,195,641
107 : 3,164,209
115 : 3,199,596
116 : 3,173,486
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117 : 3,199,597
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.5 : 3,215,204
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120 : 3,166,126
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121 : 3,164,210
122 : Re.25,846
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124 : 3,171,490
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132 : 3,196,950
133 : 3,180,420
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134 : 3,173,487
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145 : 3,182,726
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146 : 3,225,832
147 : 3,169,580
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156 : 3,185,218
163 : 3,207,223
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172 : 3,172,475
173 : 3,168,921
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178 : 3,191,683
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184 : 3,193,016
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194 : 3,211,232
198 : 3,215,208
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205 : 3,208,533
207 : 3,203,483
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215 : 3,185,219
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217 : 3,207,224
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228 : 3,173,488
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233 : 3,221,819
234 : 3,211,234
237 : 3,221,820
241 : 3,177,946
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243 : 3,165,156

Class 167

14 : 3,184,376
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17 : 3,177,114
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46 : 3,171,780
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48 : 3,185,622
49.5 : 3,197,366
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52 : 3,172,805
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60 : 3,171,782
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3,170,837
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65 : 3,184,383
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3,190,800
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3,193,458
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3,198,703
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3,205,133
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66 : 3,169,094
73 : 3,208,908
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74 : 3,165,445
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75 : 3,172,814
77 : 3,173,837
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78 : Re.25,721
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80 : 3,226,296
81 : 3,168,440
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83 : 3,173,840
3,186,910
84 : 3,173,841
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.5 : 3,171,783
.5 : 3,179,567
.5 : 3,193,462
85 : 3,167,477
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87 : 3,171,784
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.1 : 3,171,786
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.1 : 3,177,119
.1 : 3,186,911
.1 : 3,188,275
.1 : 3,193,463
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.1 : 3,212,972
.1 : 3,215,604
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89 : 3,194,736
90 : 3,164,523
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3,185,628
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3,198,708
3,201,315
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91 : 3,186,912
92 : 3,196,079
93 : 3,164,524
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3,175,951
3,194,738
3,201,316
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3,226,297
94 : 3,185,629
95 : 3,175,952
3,192,118
3,196,080
3,201,317
3,212,973
3,216,900

Class 168

12 : 3,180,421
3,200,885

Class 169

1 : 3,173,489
3,177,947
3,191,685
3,193,017
3,195,647
3,220,482
3,223,171
3,223,172
2 : 3,171,493
3,172,477
3,174,550
3,182,727
3,208,534
5 : 3,176,773
9 : 3,199,600
13 : 3,179,181
15 : 3,186,490
19 : 3,196,953
22 : 3,220,483
23 : 3,180,422
24 : 3,169,581
3,180,423
26 : 3,216,506
31 : RE.25,844
3,172,478
3,204,698
3,223,173
32 : 3,182,728
3,203,484
37 : 3,194,316
3,198,258
42 : 3,195,648
3,209,837

Class 170

8 : 3,187,816
135 : 3,204,699
.2 : 3,187,817
.22: 3,176,774
.22: 3,183,975
.22: 3,199,601
.24: RE.25,776
.27: 3,207,225
.29: 3,186,492
.4 : 3,180,424
.4 : 3,186,491
.4 : 3,203,485
.72: 3,174,551
.74: 3,180,425
.74: 3,180,426
.74: 3,200,886
.75: 3,207,226
148 : 3,225,834
156 : 3,179,182
159 : 3,167,129
3,168,144
3,173,490
3,173,491
3,174,552
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3,176,776
3,199,602
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3,219,120
3,219,123
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.12: 3,187,818
.13: 3,175,619
.13: 3,213,944
.16: 3,204,700
.16: 3,217,808
.18: 3,177,948
.2 : 3,207,227
.23: 3,195,649
.24: 3,187,819
.24: 3,212,586
.25: 3,166,129
.25: 3,200,887
.25: 3,204,701
.25: 3,217,809
.25: 3,217,810
.26: 3,207,228
.27: 3,193,018
.27: 3,193,019
.29: 3,170,521
.31: 3,167,131
.31: 3,171,494
.31: 3,219,121
.32: 3,175,620
.32: 3,216,507
.4 : 3,169,582
.43: 3,177,949
.46: 3,211,235
160.5 : 3,212,583
.5 : 3,224,509
.51: 3,219,122
.53: 3,204,702
.53: 3,220,484
.55: 3,187,820
.55: 3,212,584
.56: 3,217,811
.59: 3,174,553
169 : 3,209,838
170 : 3,171,495
171 : 3,199,603
172 : 3,173,492

Class 171

1 : 3,194,317
8 : 3,183,976
14 : 3,193,020
3,200,888
18 : 3,194,318
27 : 3,167,132
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28 : 3,198,259
53 : 3,175,621
58 : 3,181,616
3,191,686
61 : 3,168,145
3,181,617
62 : 3,196,954
63 : 3,166,130
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3,203,486
3,205,949
83 : 3,190,361
101 : 3,199,605
106 : 3,198,260
127 : 3,224,510

Class 172

1 : 3,202,220
4 : 3,176,777
3,190,362
5 : 3,177,950
6 : 3,181,618
3,208,535
7 : 3,167,133
3,168,146
3,172,479
3,172,480
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3,182,730
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9 : 3,171,496
3,191,687
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15 : 3,168,147
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16 : 3,207,229
3,217,812
19 : 3,164,211
21 : 3,180,427
3,204,703
22 : 3,171,498
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26 : 3,186,493
3,200,889
33 : 3,194,320
38 : 3,183,978
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40 : 3,167,134
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42 : 3,168,148
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43 : 3,223,174
44 : 3,186,494
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47 : 3,183,980
51 : 3,182,731
58 : 3,174,554
60 : 3,193,021
62 : 3,176,778
63 : 3,202,221
66 : 3,185,220
67 : 3,207,230
69 : 3,173,493
76 : 3,193,022
84 : 3,204,704
87 : 3,224,511
91 : 3,170,522
94 : 3,164,212
95 : 3,199,606
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265 : 3,173,494
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266 : 3,189,102
269 : 3,191,688
270 : 3,185,221
272 : 3,195,651
274 : 3,220,487
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311 : 3,193,023
316 : 3,207,233
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328 : 3,202,225
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372 : 3,168,151
375 : 3,164,213
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378 : 3,225,838
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395 : 3,176,781
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578 : 3,213,947
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584 : 3,209,840
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699 : 3,195,654
700 : 3,171,500
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701 : 3,187,822
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722 : 3,174,558
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736 : 3,199,610
750 : 3,220,489
755 : 3,180,432
756 : 3,190,368
776 : 3,191,691

Class 173

1 : 3,195,655
2 : 3,194,324
3 : 3,179,184
7 : 3,211,239
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8 : 3,189,103
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12 : 3,174,559
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22 : 3,175,626
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23 : 3,190,369
24 : 3,199,611
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26 : 3,198,263
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38 : 3,195,656
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49 : 3,215,209
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57 : 3,182,732
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69 : 3,187,823
73 : 3,164,214
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74 : 3,198,265
77 : 3,191,692
78 : 3,191,693
90 : 3,211,240
93 : 3,169,585
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96 : 3,171,501
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109 : 3,203,490
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115 : 3,182,733
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124 : 3,205,952
125 : 3,185,223
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133 : 3,179,185
135 : 3,193,026
3,200,893
137 : 3,195,657
140 : 3,179,186
141 : 3,190,371
147 : 3,172,485
149 : 3,212,591
150 : 3,174,560
154 : 3,189,104
158 : 3,195,658
159 : 3,213,948

Class 174

1 : 3,184,532
5 : 3,200,187
3,209,061
3,211,820
11 : 3,178,503
3,187,080
3,189,675
3,217,082
12 : 3,178,504
15 : RE.25,853
3,170,026
3,182,114
3,182,115
3,192,305
3,209,062
3,226,466
16 : 3,192,306
3,210,456
17 : 3,164,666
3,170,027
3,170,986
3,184,533
3,209,063
.05: 3,223,772
18 : 3,172,943
3,213,182
3,226,467
21 : 3,187,081
25 : 3,194,871
3,194,872
3,201,507
3,217,083
3,217,084
3,223,773
3,225,131
26 : 3,211,821
27 : 3,164,667
28 : 3,172,944
31 : 3,178,505
32 : 3,205,295
33 : 3,188,377
3,188,378
3,213,183
34 : 3,194,873
3,205,296
35 : 3,171,887
3,185,756
3,187,082
3,193,610
3,202,752
3,206,536
3,211,822
3,217,085
3,219,747
3,222,448
3,222,449
36 : 3,209,064
3,215,768
38 : 3,180,920
3,185,757
3,188,379
40 : 3,176,061
3,182,116
3,185,758
3,217,086
3,218,384
3,218,385
41 : 3,207,836
42 : 3,204,021
3,221,093
43 : 3,194,874
44 : 3,196,202
45 : 3,164,668
47 : 3,189,676
3,198,873
3,206,537
3,211,823
48 : 3,175,031
3,177,285
3,210,457
3,211,824
3,211,825
49 : 3,166,631
3,226,468
50 : 3,179,737
3,179,738
3,193,611
.5 : 3,187,083
.5 : 3,206,538
.51: 3,200,188
.51: 3,201,508
.54: 3,197,546
.56: 3,167,608
.58: 3,202,753
.58: 3,213,184
.61: 3,189,677
.61: 3,201,509
.64: 3,211,826
51 : 3,166,632
51 : 3,210,458
52 : 3,172,945
3,173,986
3,173,987
3,176,062
3,176,063
3,178,506
3,182,117
3,184,534
3,185,759
3,190,952
3,193,612
3,194,875
3,194,876
3,196,203
3,197,545
3,197,547
3,198,874
3,198,875
3,198,876
3,204,023
3,209,065
3,210,459
3,211,827
3,214,508
3,217,087
3,217,088
3,219,748
3,222,450
53 : 3,215,769
54 : 3,185,760
57 : 3,168,612
58 : 3,170,028
3,187,084
3,197,548
3,213,185
59 : 3,165,574
3,221,094
60 : 3,180,921
61 : 3,223,774
65 : 3,168,613
3,183,297
3,187,085
3,193,613
3,207,837
3,226,469
66 : 3,170,029
3,197,549
67 : 3,189,678
68 : 3,187,086
3,202,754
3,206,539
.5 : 3,185,761
.5 : 3,190,953
.5 : 3,192,307
.5 : 3,202,755
.5 : 3,205,297
.5 : 3,205,298
.5 : 3,207,838
.5 : 3,209,066
.5 : 3,217,089
.5 : 3,219,749
.5 : 3,221,095
69 : 3,219,750
70 : 3,167,609
3,168,614
3,180,922
3,187,087
3,200,189
3,222,451
71 : 3,185,762
72 : 3,171,888
3,180,923
3,197,550
3,207,839
3,211,828
3,217,090
73 : 3,197,551
3,210,460
3,217,091
74 : 3,198,877
75 : 3,173,988
3,188,380
3,200,190
3,204,022
3,219,751
78 : 3,176,064
3,217,092
79 : 3,211,829
3,226,470
81 : 3,177,284
84 : 3,165,575
3,168,615
3,173,989
3,189,679
3,205,299
3,205,300
3,213,186
3,213,187
3,214,509
3,217,093
3,223,775
85 : 3,172,946
86 3,197,552
87 : 3,165,576
3,226,471
88 : 3,180,924
3,183,298
3,189,680
3,194,877
3,200,191
3,221,096
89 : 3,192,308
3,206,540
90 : 3,184,535
91 : 3,187,088
92 : 3,188,381
93 : 3,175,032
3,188,382
3,209,067
94 : 3,182,118
3,187,089
3,190,954
99 : 3,168,616
3,170,030
3,178,507
3,183,299
3,202,756
3,221,097
100 : 3,226,472
101 : 3,166,633
102 : 3,173,990
3,177,286
3,180,925
105 : 3,206,541
106 : 3,183,300
107 : 3,180,926
3,197,553
108 : 3,183,301
112 : 3,193,614
3,197,554
114 : 3,164,669
117 : 3,168,617
3,173,991
3,197,555
3,219,752
3,226,473
120 : 3,176,065
3,179,739
3,206,542
3,217,094
121 : 3,189,681
3,192,309
124 : 3,167,610
126 : 3,213,188
127 : 3,179,740
3,192,310
3,193,616
3,210,461
128 : 3,164,670
130 : 3,172,947
3,206,543
135 : 3,209,068
136 : 3,171,889
138 : 3,178,508
3,183,302
3,184,536
3,187,090
3,193,615
3,194,878
3,209,069
3,213,189
3,223,776
139 : 3,192,311
140 : 3,179,741
3,194,879
141 : 3,165,577
3,196,204
144 : 3,185,763
3,214,510
148 : 3,207,840
151 : 3,173,992
3,182,119
3,182,120
3,225,132
3,226,474
152 : 3,219,753
153 : 3,166,634
3,193,617
3,197,556
3,202,757
3,214,511
3,214,512
158 : 3,197,557
165 : 3,189,682
176 : 3,198,878
188 : 3,217,095
209 : 3,192,312
212 : 3,225,133

Class 175

2 : 3,185,224
3,190,372
4 : 3,172,486
3,202,227

Class 175—Con.

4 : 3,220,490
3,220,491
3,220,492
3,220,493
5 : 3,169,586
3,186,499
3,189,105
3,191,695
3,199,613
6 : 3,204,708
3,204,709
7 : 3,177,954
3,191,696
3,196,958
10 : 3,181,628
14 : 3,173,499
3,182,734
3,205,953
3,207,238
3,211,242
3,212,592
16 : 3,179,187
17 : 3,172,487
18 : 3,168,923
3,175,627
3,176,784
3,198,266
19 : 3,193,027
3,199,614
3,221,824
21 : 3,177,955
26 : 3,194,325
3,224,513
27 : 3,220,494
3,223,183
38 : 3,169,587
40 : 3,181,629
41 : 3,223,184
44 : 3,183,983
3,207,239
3,207,240
45 : 3,220,495
50 : 3,182,735
51 : 3,169,588
53 : 3,170,524
3,202,228
3,208,537
55 : 3,195,659
3,224,514
56 : 3,189,106
3,194,326
57 : 3,180,436
3,183,984
3,205,954
3,211,243
3,217,816
58 : 3,169,589
61 : 3,194,327
3,211,244
65 : 3,174,561
3,195,660
3,223,185
69 : 3,198,267
71 : 3,216,512
3,223,186
72 : 3,175,628
3,190,373
3,198,268
3,221,825
73 : 3,196,959
3,199,615
74 : 3,190,374
77 : 3,173,500
78 : 3,187,824
81 : 3,172,488
3,191,697
85 : 3,181,630
3,212,593
88 : 3,190,375
92 : 3,194,328
3,219,131
93 : 3,225,843
94 : 3,169,590
3,173,501
3,185,225
95 : 3,195,661
96 : 3,181,631
102 : 3,185,226
3,190,376
103 : 3,215,210
122 : 3,174,562
135 : 3,208,538
210 : 3,173,502
211 : 3,165,158
215 : 3,208,539
218 : 3,170,525
227 : 3,216,513
228 : 3,220,496
230 : 3,180,437
3,225,844
232 : 3,213,949
234 : 3,168,152
235 : 3,166,132
3,203,491
3,205,955
236 : 3,225,845
238 : 3,216,514
239 : 3,180,438
242 : 3,177,956
243 : 3,185,227
257 : 3,169,591
3,169,592
3,190,377
3,190,378
258 : 3,174,563
261 : 3,164,215
267 : 3,171,502
3,196,960
3,196,961
269 : 3,171,503
3,208,540
270 : 3,170,526
284 : 3,199,616
286 : 3,180,439
3,200,894
296 : 3,215,211
297 : 3,209,843
3,217,817
3,221,826
299 : 3,200,895
3,208,541
3,215,212
314 : 3,168,924
3,213,950
3,215,213
315 : 3,169,593
316 : 3,194,329
318 : 3,198,269
319 : 3,215,214
320 : 3,167,137
3,179,188
3,223,187
321 : 3,194,330
323 : 3,164,216
3,194,331
326 : 3,170,527
327 : 3,187,825
329 : 3,175,629
3,181,632
3,191,698
330 : 3,174,564
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340 : 3,179,189
3,207,241
341 : 3,223,188
344 : 3,204,710
355 : 3,203,492
372 : 3,193,028
374 : 3,186,500
3,191,699
383 : 3,203,493
385 : 3,190,379
386 : 3,175,630
391 : 3,179,190
393 : 3,180,440
3,189,107
394 : 3,172,489
3,207,242
403 : 3,208,542
3,225,846
404 : 3,199,617
410 : 3,168,925
3,185,228
3,190,380
3,191,700
3,198,270
411 : 3,220,497
412 : 3,186,501
413 : 3,182,736
414 : 3,213,951
422 : 3,186,502

Class 176

1 : 3,171,788
3,194,739
3,214,342
3,219,534
5 : 3,166,477
3,170,841
3,212,974
3,218,235
6 : 3,189,523
10 : 3,226,298
11 : 3,170,842
3,196,081
3,197,375
12 : 3,177,121
13 : 3,216,901
14 : 3,179,568
3,206,365
16 : 3,167,479
3,190,804
3,208,912
17 : 3,219,535
18 : 3,170,843
18 : 3,194,740
3,197,376
3,205,138
3,205,139
3,210,253
3,211,621
19 : 3,178,354
3,178,355
3,197,377
3,200,041
3,205,140
3,205,141
3,207,667
3,207,668
3,219,536
3,219,537
20 : 3,167,480
3,180,798
3,184,389
3,193,466
3,208,913
3,211,622
3,212,975
3,226,299
21 : 3,180,799
3,200,042
3,214,343
22 : 3,193,467
3,212,976
3,222,254
3,223,589
24 : 3,207,669
3,212,977
3,223,590
26 : 3,165,446
28 : 3,188,276
29 : 3,172,818
3,226,300
30 : 3,167,481
3,168,443
3,169,909
3,173,844
3,179,569
3,180,800
3,183,162
3,183,163
3,190,805
3,192,119
3,194,741
3,194,742
3,196,082
3,200,043
3,200,044
3,201,318
3,205,142
3,205,143
3,206,366
3,206,367
3,208,914
31 : 3,169,910
3,172,819
3,208,915
32 : 3,168,444
3,190,806
33 : 3,164,525
3,165,447
3,178,356
3,186,914
3,212,978
35 : 3,198,709
36 : 3,164,526
3,170,844
3,170,845
3,186,915
3,197,378
3,202,580
3,212,979
3,212,980
3,212,981
37 : 3,166,478
3,166,479
3,183,164
3,196,083
3,203,866
3,206,368
3,206,369
3,207,670
3,219,538
3,222,255
38 : 3,168,445
3,171,789
3,183,165
3,183,166
3,184,390
3,207,671
3,207,672
3,216,902
39 : 3,181,999
3,198,710
40 : 3,177,122
3,182,000
3,200,045
3,206,370
3,212,982
40 : 3,216,903
3,219,539
41 : 3,174,906
3,200,046
42 : 3,211,623
3,212,983
3,212,984
3,218,236
3,219,540
43 : 3,194,743
3,197,379
46 : 3,202,581
47 : 3,166,480
3,211,624
48 : 3,206,371
50 : 3,165,448
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3,171,790
3,173,845
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3,192,120
3,205,144
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51 : 3,180,801
52 : 3,201,319
3,202,582
3,223,591
3,226,301
53 : 3,205,145
3,212,985
54 : 3,174,907
3,178,358
3,180,802
3,184,391
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3,205,146
3,206,372
3,211,625
55 : 3,193,468
56 : 3,180,803
58 : 3,172,820
3,193,469
59 : 3,164,527
3,165,449
3,170,846
3,179,570
3,183,167
3,183,168
3,188,277
3,190,807
3,201,320
3,201,321
3,202,583
3,212,986
60 : 3,175,953
3,192,121
3,194,744
3,210,254
61 : 3,175,954
3,202,584
3,203,867
3,205,147
3,212,987
3,215,606
65 : 3,171,791
3,182,002
3,185,631
3,190,808
3,197,380
66 : 3,201,322
67 : 3,164,528
3,184,392
3,194,745
3,208,916
3,210,255
3,212,988
3,215,607
3,219,541
68 : 3,167,482
3 175,955
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3,185,632
3,188,278
3,198,711
3,208,917
69 : 3,202,585
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70 : 3,202,586
71 : 3,170,847
3,189,524
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3,218,237
72 : 3,189,101
3,192,122
3,197,381
73 : 3,179,572
3,197,382
3,211,626
76 : 3,211,627
3,220,927
77 : 3,167,483
3,170,848
77 : 3,175,956
3,194,746
78 : 3,164,529
3,172,821
3,173,843
3,182,003
3,205,148
3,212,990
3,212,991
79 : 3,169,097
3,180,804
3,222,256
81 : 3,189,525
3,197,383
3,207,673
3,210,256
3,212,992
3,216,904
82 : 3,184,393
3,211,628
83 : 3,177,123
3,179,573
84 : 3,206,373
85 : 3,186,916
3,206,374
86 : 3,177,124
3,192,123
87 : 3,164,530
3,167,484
3,169,098
3,173,846
3,175,957
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3,205,149
3,215,608

Class 177

1 : 3,164,217
3,167,138
3,172,490
3,189,108
3,192,535
3,196,962
3,196,963
3,199,618
3,203,494
3,224,515
2 : 3,202,229
3,203,495
3 : 3,177,957
3,196,964
3,205,956
3,205,957
3,211,245
4 : Re.25,897
18 : 3,173,503
25 : 3,216,515
37 : 3,185,229
3,200,896
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44 : 3,181,633
45 : 3,182,737
3,198,271
46 : 3,175,631
48 : 3,220,498
52 : 3,170,528
3,219,132
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60 : 3,198,272
62 : 3,220,499
64 : 3,175,632
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3,209,844
68 : 3,189,109
70 : 3,167,139
3,167,140
3,173,504
3,173,505
3,204,711
3,209,845
71 : 3,185,230
3,186,503
73 : 3,216,516
74 : 3,174,565
80 : 3,225,848
81 : 3,189,110
3,195,662
92 : 3,204,712
114 : 3,168,926
120 : 3,172,491
3,182,738
3,190,381
3,193,029
126 : 3,167,141
3,200,897
132 : 3,190,382
133 : 3,168,153
3,196,965
134 : 3,164,218
3,213,953
135 : 3,166,133
136 : 3,172,492
3,199,619
137 : 3,167,142
3,190,383
139 : 3,196,966
142 : 3,187,826
144 : 3,217,818
145 : 3,187,827
149 : 3,223,189
157 : 3,187,828
3,196,967
164 : 3,193,030
166 : 3,174,566
3,193,031
167 : 3,179,191
168 : 3,205,958
169 : 3,181,634
172 : 3,224,516
173 : 3,169,594
177 : 3,217,819
178 : 3,189,111
3,193,032
3,207,243
180 : 3,215,216
185 : 3,193,033
190 : 3,167,143
3,185,231
201 : 3,195,663
207 : 3,216,517
3,223,190
208 : 3,177,958
3,179,192
209 : 3,166,134
3,191,701
3,220,500
210 : 3,172,493
3,186,504
3,186,505
3,203,496
3,221,827
3,221,828
3,221,829
3,224,517
3,224,518
3,224,519
3,224,520
211 : 3,166,135
3,173,506
3,173,507
3,173,508
3,209,846
217 : 3,183,985
219 : 3,174,567
225 : 3,167,144
3,185,232
229 : 3,179,193
3,191,702
234 : 3,193,034
236 : 3,217,820
239 : 3,185,233
241 : 3,194,332
246 : 3,185,234
3,185,235
3,224,521
247 : 3,174,568
248 : 3,193,035
3,193,036
3,196,968
3,213,954
3,215,217
251 : 3,168,154
3,203,497
255 : 3,185,236
262 : 3,166,136
264 : 3,181,635

Class 178

3 : 3,179,742
3,200,192
3,206,544
4 : 3,206,545
5.1 : Re.25,836
5.4 : 3,180,928
.4 : 3,184,539
.4 : 3,188,383
.4 : 3,193,618
.4 : 3,196,205
.4 : 3,198,879
.4 : 3,200,193
.4 : 3,201,510
.4 : 3,204,024
.4 : 3,206,546
.4 : 3,207,841
.4 : 3,209,071
.4 : 3,209,072
.4 : 3,213,190
.4 : 3,213,191
.4 : 3,213,192
.4 : 3,215,770
.4 : 3,215,771
.4 : 3,218,386
.4 : 3,218,387
.4 : 3,219,754
.4 : 3,223,777
.4 : 3,225,134
.4 : 3,226,475
.6 : 3,177,287
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.8 : 3,192,314
.8 : 3,204,025
.8 : 3,217,096
.8 : 3,218,388
.8 : 3,221,098
6 : 3,179,744
3,184,540
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3,188,384
3,190,955
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3,200,194
3,201,512
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3,210,462
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3,214,514
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.5 : 3,210,463
.6 : 3,165,580
.6 : 3,168,618
.6 : 3,170,031
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.6 : 3,175,034
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.6 : 3,180,929
.6 : 3,180,930
.6 : 3,187,092
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.6 : 3,190,956
.6 : 3,194,881
.6 : 3,196,206
.6 : 3,197,558
.6 : 3,197,559
.6 : 3,205,301
.6 : 3,205,302
.6 : 3,210,464
.6 : 3,213,193
.6 : 3,215,772
.6 : 3,219,755
.6 : 3,225,135
.6 : 3,225,136
.7 : 3,178,509
.7 : 3,184,542
.7 : 3,187,093
.7 : 3,198,880
.7 : 3,198,881
.7 : 3,225,137
.8 : 3,178,510
.8 : 3,179,745
.8 : 3,180,931
.8 : 3,180,932
.8 : 3,187,094
.8 : 3,188,386
.8 : 3,192,318
.8 : 3,193,619
.8 : 3,196,207
.8 : 3,200,195
.8 : 3,200,196
.8 : 3,204,026
.8 : 3,205,303
.8 : 3,207,843
.8 : 3,209,073
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.1 : 3,196,973
.1 : 3,198,280
.1 : 3,203,501
.1 : 3,207,252
.1 : 3,207,255
.1 : 3,209,853
.1 : 3,211,251
.1 : 3,215,222
.1 : 3,216,522
.1 : 3,217,827
83 : 3,195,674
88 : 3,195,675
3,219,139
89 : 3,165,164
3,177,969
3,191,712
3,224,525
90 : 3,174,576
3,194,338
.6 : 3,183,995

Class 181

.5 : Re.25,902
.5 : 3,167,150
.5 : 3,174,577
.5 : 3,175,638
.5 : 3,175,639
.5 : 3,176,787
.5 : 3,180,445
.5 : 3,181,643
.5 : 3,181,644
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.5 : 3,182,743
.5 : 3,182,744
.5 : 3,182,745
.5 : 3,185,249
.5 : 3,185,250
.5 : 3,187,831
.5 : 3,189,121
.5 : 3,190,388
.5 : 3,191,713
.5 : 3,193,045
.5 : 3,193,046
.5 : 3,195,676
.5 : 3,195,677
.5 : 3,196,974
.5 : 3,198,281
.5 : 3,198,282
.5 : 3,200,899
.5 : 3,205,969
.5 : 3,205,970
.5 : 3,205,971
.5 : 3,207,256
.5 : 3,208,545
.5 : 3,208,546
.5 : 3,208,547
.5 : 3,208,548
.5 : 3,208,549
.5 : 3,208,550
.5 : 3,209,854
.5 : 3,209,855
.5 : 3,211,252
.5 : 3,212,598
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.5 : 3,212,600
.5 : 3,212,601
.5 : 3,215,223
.5 : 3,216,523
.5 : 3,216,524
.5 : 3,216,525
.5 : 3,217,828
.5 : 3,220,503
.5 : 3,220,504
.5 : 3,221,833
.5 : 3,223,194
.5 : 3,225,858
.5 : 3,225,859
20 : 3,182,746
23 : 3,168,159
3,220,505
24 : 3,168,160
3,169,600
3,179,204
3,185,251
3,193,047
3,213,960
3,215,224
3,217,831
3,223,195
3,224,526
27 : 3,174,578
3,174,579
29 : 3,176,788
30 : 3,180,446
31 : 3,164,221
3,166,147
3,168,934
3,169,601
3,170,537
3,170,538
3,179,202
3,179,203
3,180,447
3,186,509
3,187,832
3,187,833
3,188,374
3,193,048
3,194,339
3,194,340
3,203,502
3,204,722
3,207,257
3,213,961
3,217,829
3,219,140
3,225,860
32 : 3,166,148
3,172,498
3,190,389
3,198,283
3,200,900
3,200,901
3,221,834
33 : 3,165,165
3,166,149
3,167,151
3,174,580
3,176,789
3,177,970
3,180,448
3,182,747
3,183,996
3,193,049
3,195,678
3,196,975
3,205,972
3,207,258
3,211,253
3,215,225
3,217,830
3,217,832
3,221,835
36 : 3,202,239
3,208,551
3,224,527
3,225,861
41 : 3,209,856
42 : 3,168,935
3,181,646
43 : 3,215,172
44 : 3,187,834
3,191,714
45 : 3,219,141
46 : 3,166,150
47 : 3,165,166
47 : 3,191,715
3,212,602
48 : 3,167,152
3,176,790
3,196,976
3,212,603
3,219,142
49 : 3,168,936
50 : 3,194,341
3,196,977
3,204,723
3,209,857
3,219,143
51 : 3,165,167
3,174,581
3,174,582
3,185,252
3,186,511
3,187,835
3,202,240
52 : 3,176,791
3,177,971
3,180,449
3,187,836
3,208,552
3,220,506
53 : 3,171,506
3,220,507
54 : 3,166,151
3,181,647
3,198,284
3,209,858
55 : 3,174,583
3,175,640
56 : 3,177,972
3,189,122
3,195,679
3,196,978
3,209,859
57 : 3,209,860
58 : 3,166,152
3,177,973
3,187,837
59 : Re.25,909
3,168,162
3,209,861
61 : 3,200,902
3,209,862
3,220,508
3,221,836
63 : 3,181,648
65 : 3,219,144
67 : 3,182,748
69 : 3,171,507

Class 182

1 : 3,190,390
2 : 3,166,153
3,173,511
3,176,792
3,190,391
3,196,979
3,203,503
3,224,528
3 : 3,165,168
3,176,793
3,193,050
3,199,626
3,217,833
14 : 3,168,937
3,180,450
3,224,529
15 : 3,175,641
17 : 3,176,794
19 : 3,204,720
24 : 3,208,553
33 : 3,224,530
46 : 3,169,602
3,191,716
3,193,051
3,196,980
3,208,554
3,225,862
51 : 3,212,604
58 : 3,171,508
78 : 3,169,603
3,213,962
82 : 3,176,795
3,183,997
3,202,241
92 : 3,195,680
3,200,903
93 : 3,183,998
3,207,259
97 : 3,172,499
3,190,392
104 : 3,225,863
106 : 3,180,451
3,207,260
111 : 3,213,963
115 : 3,204,721
3,221,837
116 : 3,196,981
116 : 3,208,555
119 : 3,212,605
3,213,964
120 : 3,182,749
121 : 3,179,205
125 : 3,189,123
128 : 3,166,154
3,198,285
129 : 3,207,261
131 : 3,191,717
134 : 3,200,904
141 : Re.25,746
3,221,838
142 : 3,168,163
3,220,509
144 : 3,187,838
3,225,864
146 : 3,169,604
152 : 3,181,649
3,186,512
155 : 3,177,974
3,198,286
3,225,865
163 : 3,199,627
3,216,526
170 : 3,165,169
3,189,124
172 : 3,174,584
179 : 3,181,650
181 : 3,180,452
185 : 3,212,606
194 : 3,190,393
200 : 3,199,628
3,199,629
202 : 3,173,512
203 : 3,165,170
204 : 3,167,153
205 : 3,179,206
224 : 3,175,642
228 : 3,168,938
3,181,651
230 : 3,213,965

Class 184

1 : 3,186,513
3,187,839
3,187,840
3,191,718
3,193,052
3,194,342
3,217,834
3,225,866
.5 : 3,196,982
.5 : 3,216,527
2 : 3,203,504
3,205,973
3,205,974
3 : 3,165,171
3,195,681
6 : 3,165,172
3,171,509
3,181,652
3,189,126
3,191,719
3,193,053
3,193,054
3,205,975
3,211,254
3,221,839
3,223,196
3,223,197
7 : 3,217,835
3,219,145
3,219,146
3,223,198
11 : 3,195,682
15 : 3,170,539
3,171,510
16 : 3,198,287
24 : 3,168,161
55 : 3,175,643
3,182,750
3,185,253
3,191,720
3,211,255
3,213,966
105 : 3,173,513
106 : 3,169,605
3,195,683
3,211,256

Class 185

9 : 3,179,207
10 : 3,194,343
29 : 3,185,254
37 : 3,177,975
3,209,863
3,216,528
3,219,147
39 : 3,194,344
3,216,529
40 : 3,170,540
40 : 3,176,796
3,186,514
3,190,394
3,196,983
3,203,505

Class 186

1 : 3,170,541
3,179,208
3,186,515
3,196,984
3,205,976
3,219,148
3,219,149
16 : 3,207,262

Class 187

1 : 3,191,721
2 : 3,207,263
3,223,199
8.41: 3,207,264
.54: Re.25,923
.67: 3,190,395
.71: 3,216,530
.75: 3,205,977
9 : 3,172,500
3,172,501
3,187,841
3,187,842
3,202,242
3,202,243
3,204,724
3,208,556
3,211,257
3,213,967
3,215,226
3,217,836
3,219,150
3,221,840
3,225,867
3,225,868
17 : 3,182,751
22 : 3,174,585
24 : 3,215,227
28 : 3,190,396
29 : 3,168,164
3,169,606
3,176,797
3,187,843
3,187,844
3,199,630
3,203,506
3,207,265
3,207,266
3,211,258
3,219,151
3,223,200
3,225,869
31 : 3,200,905
51 : 3,194,345
52 : 3,168,165
61 : 3,212,607
86 : 3,220,510
95 : 3,211,259
3,217,837
96 : 3,195,684

Class 188

1 : 3,164,222
3,171,511
3,172,502
3,173,514
3,181,653
3,185,255
3,190,397
3,195,685
3,195,686
3,198,288
3,199,631
3,209,864
3,211,260
3,217,838
3 : 3,204,725
4 : 3,176,798
3,217,839
3,219,152
5 : 3,167,154
3,194,346
3,216,531
16 : 3,187,845
17 : 3,164,223
18 : 3,183,999
3,186,516
3,194,347
26 : 3,174,586
3,182,752
32 : 3,189,127
52 : 3,184,000
59 : 3,189,128
3,198,289
62 : 3,164,224

62 : 3,168,166
3,196,985
3,209,865
3,225,873
65.1 : 3,198,290
.1 : 3,200,906
.2 : 3,204,726
.4 : 3,217,840
.4 : 3,220,511
67 : 3,167,155
3,177,976
3,194,348
3,223,201
69 : 3,169,607
3,187,846
3,200,907
3,213,968
71 : 3,171,512
3,184,001
3,185,256
72 : RE.25,819
3,167,156
3,169,608
3,179,209
3,184,002
3,185,257
3,190,398
3,203,507
3,204,727
3,208,557
3,217,841
3,221,841
3,224,531
73 : RE.25,817
3,165,173
3,166,156
3,166,157
3,166,158
3,166,159
3,168,167
3,181,654
3,182,753
3,182,754
3,182,755
3,184,003
3,184,004
3,184,005
3,185,244
3,185,258
3,185,259
3,186,517
3,186,518
3,189,129
3,190,399
3,194,349
3,194,350
3,194,351
3,195,687
3,198,291
3,198,292
3,199,632
3,199,633
3,199,634
3,199,635
3,203,508
3,207,267
3,207,268
3,211,261
3,213,969
3,219,153
3,220,512
3,220,513
74 : 3,177,977
75 : 3,173,515
3,203,509
76 : 3,170,542
3,182,756
3,182,757
77 : 3,182,758
3,184,006
3,189,130
3,196,986
3,203,510
3,220,514
78 : RE.25,888
3,165,174
3,172,503
3,175,644
3,177,978
3,177,979
3,184,007
3,184,010
3,186,519
3,186,520
3,189,131
3,191,722
3,194,352
3,194,353
3,195,688
3,200,908
3,205,978
3,212,608
3,216,532
3,220,515

78 : 3,223,202
3,223,203
79 : 3,173,516
.5 : 3,165,175
.5 : 3,166,160
.5 : 3,169,610
.5 : 3,181,655
.5 : 3,184,008
.5 : 3,189,132
.5 : 3,195,689
.5 : 3,195,690
.5 : 3,196,987
.5 : 3,200,909
.5 : 3,209,866
.5 : 3,213,970
.5 : 3,213,971
.5 : 3,216,533
.5 : 3,216,534
.5 : 3,220,516
.5 : 3,221,842
.5 : 3,223,204
82.5 : 3,215,228
83 : 3,209,867
85 : 3,200,910
3,223,205
86 : 3,182,759
3,185,260
87 : 3,174,587
3,175,645
3,207,269
3,221,843
88 : 3,181,656
3,184,011
3,187,847
3,190,400
3,209,868
3,213,972
3,216,535
90 : 3,166,161
3,168,939
3,171,513
3,172,504
3,176,799
3,185,261
3,216,536
93 : 3,176,800
94 : 3,175,646
3,189,133
96 : 3,165,176
3,168,168
3,177,980
3,177,981
3,193,055
3,193,056
3,199,636
3,199,637
3,204,728
3,217,842
3,223,206
97 : 3,176,801
3,194,354
3,207,270
3,213,973
3,215,229
3,220,517
98 : 3,167,157
100 : 3,164,225
3,168,169
3,176,802
3,180,453
3,185,262
3,194,355
3,196,988
3,199,638
3,203,511
3,225,870
106 : 3,175,647
3,175,648
3,185,263
3,195,691
3,199,639
107 : 3,205,979
110 : 3,177,982
112 : 3,168,940
3,173,518
3,175,649
3,180,454
3,180,455
3,215,230
134 : 3,196,989
3,219,154
136 : 3,211,262
141 : 3,167,158
142 : 3,213,974
152 : 3,165,177
3,170,543
3,173,517
3,182,760
3,187,848
3,187,849
3,187,850
3,203,512
3,221,844
3,223,207

152 : 3,224,532
158 : 3,208,558
163 : 3,198,293
167 : 3,190,401
170 : 3,179,210
3,195,692
3,203,513
3,203,514
3,213,975
171 : 3,164,226
3,171,514
3,171,515
3,194,356
3,202,244
3,203,515
3,219,155
3,221,845
173 : 3,217,843
180 : 3,193,057
181 : 3,172,505
3,203,516
184 : 3,223,208
185 : 3,190,402
189 : 3,180,456
3,215,231
195 : 3,207,271
196 : 3,177,983
3,186,521
3,190,403
3,194,357
3,194,358
3,199,640
3,200,911
3,200,912
3,211,263
197 : 3,177,984
202 : 3,177,985
204 : 3,176,803
210 : 3,219,156
216 : 3,194,359
3,204,729
218 : 3,187,851
3,213,976
219.6 : 3,169,609
.6 : 3,205,980
234 : 3,171,516
3,198,294
242 : 3,181,657
250 : 3,176,804
251 : 3,184,009
3,195,693
264 : 3,198,295
3,208,559
3,217,844
265 : 3,185,264

Class 189

1 : 3,184,012
3,186,522
3,190,404
3,195,694
2 : 3,171,517
3,186,523
3,186,524
3,187,852
3,194,360
3 : 3,191,723
3,193,058
11 : 3,175,650
3,181,658
3,189,134
3,195,695
12 : 3,185,265
13 : 3,179,211
3,190,405
15 : 3,182,761
19 : 3,179,212
20 : 3,190,406
21.3 : 3,174,588
23 : 3,174,589
3,182,762
3,196,990
26 : 3,196,991
27 : 3,170,544
28 : 3,176,805
29 : 3,193,059
30.5 : 3,195,696
.5 : 3,195,697
31.5 : 3,173,519
.5 : 3,177,986
34 : 3,167,159
3,168,170
3,168,171
3,169,611
3,169,612
3,172,506
3,172,507
3,172,508
3,173,520
3,174,590
3,174,591
3,174,592
3,174,593

34 : 3,175,651
3,176,806
3,176,807
3,177,987
3,180,457
3,180,458
3,180,459
3,180,460
3,181,659
3,181,660
3,182,763
3,182,764
3,182,765
3,182,766
3,184,013
3,184,014
3,185,266
3,185,267
3,186,525
3,186,526
3,187,853
3,189,135
3,190,407
3,191,724
3,191,725
3,191,726
3,193,060
3,193,061
3,194,361
3,194,362
3,195,698
3,195,699
35 : 3,180,461
3,186,527
3,187,854
3,193,062
3,213,977
3,216,537
3,224,533
36 : RE.25,733
3,166,162
3,168,941
3,169,613
3,171,518
3,173,521
3,173,522
3,175,652
3,176,808
3,177,988
3,180,462
3,182,767
3,182,768
3,182,769
3,182,770
3,182,771
3,184,015
3,185,268
3,187,855
3,187,856
3,189,136
3,189,137
3,190,408
3,190,409
3,193,063
3,193, 64
3,196,992
3,196,993
3,196,994
3,196,995
3,196,996
3,199,641
3,199,642
3,200,913
3,202,245
3,205,981
3,208,560
3,208,561
3,209,869
3,213,978
3,213,979
3,216,538
3,216,539
3,216,540
3,219,157
3,219,158
3,220,518
3,221,846
3,221,847
3,223,209
3,225,871
3,225,872
.5 : 3,171,519
.5 : 3,179,213
37 : 3,164,227
3,175,653
3,180,463
3,182,772
3,189,138
3,189,139
3,190,410
39 : 3,170,545
41 : 3,189,140
43 : 3,175,654
3,196,997

46 : 3,164,228
3,166,163
3,166,164
3,172,509
3,177,989
3,179,214
3,186,528
3,189,141
3,194,363
3,198,297
3,205,982
3,207,272
3,208,562
3,220,519
47 : 3,166,155
3,189,142
49 : 3,207,273
50 : 3,170,546
54 : 3,181,661
62 : 3,170,547
3,198,298
3,211,264
64 : 3,194,364
3,208,563
72 : 3,168,172
3,208,564
73 : 3,179,215
75 : 3,184,016
3,190,411
3,191,727
3,213,980
78 : 3,164,229
3,189,143
82 : 3,169,614
3,175,655
3,177,990
3,182,773
3,187,857
3,191,728
3,191,729
84 : 3,185,269
85 : 3,164,230
3,173,523
3,174,594
3,185,270
3,190,412
3,195,700
86 : 3,195,701
88 : 3,175,656
3,175,657
3,181,662
3,181,663
3,181,664
3,184,017
3,191,730
3,196,998
92 : 3,173,524
3,187,858

Class 190

11 : 3,177,991
12 : 3,190,413
16 : 3,219,159
41 : 3,185,271
3,193,065
3,198,299
43 : 3,164,231
3,175,658
3,221,848
48 : 3,169,615
3,220,520
49 : 3,165,178
3,194,365
51 : 3,186,529
3,199,643
52 : RE.25,826
53 : 3,207,274
54 : 3,203,517
3,207,275
57 : 3,185,272
3,198,300
3,213,981
58 : 3,168,173
3,187,859
3,219,160
60 : 3,209,870

Class 191

1 : 3,165,179
12.2 : 3,167,160
.2 : 3,167,161
.2 : 3,172,510
.4 : 3,182,139
.4 : 3,197,578
22 : 3,222,464
23 : 3,172,511
33 : 3,207,858
45 : 3,206,560

Class 192

.02: 3,182,774

.02: 3,223,210
.033 3,174,595
.044 3,223,211
.052 3,203,518
.08: 3,204,730
.09: 3,205,983
.092 3,182,778
.092 3,187,860
.092 3,217,846
.096 3,177,992
.096 3,181,672
.096 3,195,702
.096 3,204,732
.096 3,204,733
.096 3,205,984
.096 3,207,277
.096 3,209,871
.096 3,212,609
2 : 3,181,665
3 : 3,165,180
3,168,942
3,168,943
3,170,548
3,172,512
3,180,464
3,181,666
3,184,018
3,200,914
3,204,734
3,204,735
3,207,276
3,208,565
3,208,566
3,220,521
.2 : 3,164,232
.2 : 3,182,775
.2 : 3,184,019
.2 : 3,185,273
.2 : 3,189,144
.2 : 3,213,982
.2 : 3,213,983
.5 : 3,166,165
.5 : 3,177,993
.5 : 3,202,246
.5 : 3,219,161
.6 : 3,191,731
4 : 3,165,181
3,169,616
3,171,520
3,173,525
3,179,216
3,181,667
3,181,677
3,190,414
3,200,915
3,219,162
3,225,874
6 : 3,166,166
3,170,549
3,190,415
3,203,519
8 : 3,171,521
3,174,596
3,187,861
3,193,066
3,194,366
3,200,916
12 : 3,170,550
3,175,659
3,176,809
3,186,530
3,189,145
3,208,567
3,216,541
13 : 3,179,217
3,202,247
3,203,520
3,209,872
17 : 3,190,416
3,198,301
18 : 3,166,167
3,177,994
3,182,776
3,189,146
3,194,367
3,198,302
3,200,917
3,202,248
3,202,249
3,209,873
3,213,984
3,215,232
3,223,212
19 : 3,172,513
21.5 : 3,179,218
.5 : 3,216,542
.5 : 3,221,849
26 : 3,225,875
27 : 3,196,999
28 : 3,168,174
30 : 3,187,862
.5 : 3,166,168
.5 : 3,174,597
.5 : 3,175,660

30.5 : 3,179,219
.5 : 3,198,303
.5 : 3,208,568
.5 : 3,208,569
31 : 3,180,465
3,217,847
32 : 3,216,543
33 : 3,164,233
3,212,610
35 : 3,177,995
3,177,996
40 : 3,164,234
41 : 3,193,067
3,217,848
45 : 3,166,169
3,174,598
3,184,020
3,187,863
3,190,417
3,194,368
3,221,850
3,223,213
.1 : 3,175,661
.1 : 3,194,369
.1 : 3,202,250
.1 : 3,202,251
.1 : 3,207,278
.1 : 3,216,544
.1 : 3,219,163
46 : 3,187,864
3,200,918
3,225,876
48 : 3,166,170
3,170,551
3,176,810
3,179,220
3,181,668
3,185,274
3,189,147
3,191,732
3,198,304
3,200,919
3,203,521
3,211,265
3,212,611
3,215,233
3,216,545
53 : 3,175,662
3,197,000
3,200,920
3,203,522
3,221,851
3,224,534
54 : 3,176,811
56 : 3,168,944
3,174,599
3,182,777
3,185,275
3,187,865
3,194,370
3,194,371
3,199,644
3,203,523
3,203,524
3,205,985
3,205,986
3,213,985
3,215,234
3,221,852
57 : 3,207,279
58 : 3,170,552
3,174,600
3,179,221
3,184,021
3,184,022
3,191,733
3,194,372
3,204,736
3,208,570
3,209,874
3,215,235
59 : 3,165,182
61 : 3,174,601
64 : 3,166,171
66 : 3,203,525
3,209,875
3,221,853
67 : 3,189,148
3,190,418
3,197,001
3,203,526
3,204,731
3,205,987
3,220,522
3,224,535
68 : 3,167,162
3,167,163
3,175,663
3,191,734
3,213,986
3,213,987
69 : 3,171,522
3,174,602
3,175,664

Class 192—Con.

69 : 3,205,988
71 : 3,176,812
72 : 3,187,866
76 : 3,225,877
81 : 3,171,523
3,181,669
3,197,002
3,220,523
3,224,536
82 : 3,189,149
3,193,068
3,217,849
83 : 3,180,466
84 : 3,168,175
3,168,176
3,169,617
3,172,514
3,175,665
3,177,997
3,177,998
3,181,670
3,181,671
3,185,276
3,189,150
3,190,419
3,190,420
3,195,703
3,197,003
3,199,645
3,205,989
3,205,990
3,221,854
3,221,855
85 : 3,176,813
3,189,151
3,190,421
3,199,646
3,202,252
3,205,991
3,215,236
3,217,851
3,224,537
3,224,538
86 : 3,213,988
3,213,989
3,224,539
87 : 3,173,526
3,184,023
3,194,373
3,199,647
3,199,648
3,215,237
88 : 3,173,527
3,180,467
3,180,468
3,193,069
3,211,266
89 : 3,167,164
3,187,867
3,212,612
3,221,856
90 : 3,172,515
3,180,469
3,224,540
93 : 3,174,603
99 : 3,174,604
3,177,999
3,220,524
101 : 3,164,235
3,187,868
3,212,613
103 : 3,165,183
3,173,528
3,175,666
3,181,673
3,184,024
104 : 3,187,869
3,187,870
105 : 3,165,184
3,169,618
3,171,524
3,184,025
3,187,871
3,190,422
3,197,004
3,199,649
3,204,737
3,208,571
3,224,541
107 : 3,164,236
3,174,605
3,180,470
3,209,876
3,223,214
110 : 3,171,525
3,191,735
3,197,005
3,207,280
3,213,990
111 : 3,171,526
3,176,814
112 : 3,213,991
113 : 3,171,527
3,175,667
3,181,674
3,198,305
3,202,253
3,204,738
3,224,542
114 : 3,219,164
125 : 3,178,000
127 : 3,166,172
129 : 3,225,878
134 : 3,213,992
139 : 3,178,001
3,204,739
3,209,877
142 : 3,200,921
3,217,852
143 : 3,169,619
3,194,374
144 : 3,172,516
145 : 3,224,543
147 : 3,200,922
148 : 3,172,517
3,181,675
150 : 3,174,606
3,195,704
3,205,992
3,220,525
3,220,526

Class 193

1 : 3,191,736
2 : 3,169,620
3,190,423
3,216,546
3 : 3,175,668
4 : 3,168,945
6 : 3,168,946
7 : 3,187,872
3,194,375
15 : 3,202,254
17 : 3,173,529
3,209,878
23 : 3,174,607
25 : 3,168,177
31 : 3,166,173
3,185,277
32 : 3,182,779
3,216,547
3,223,215
34 : 3,204,740
35 : 3,170,553
3,179,222
3,180,471
3,181,676
3,190,424
3,203,527
3,209,879
3,213,993
3,220,527
3,225,879
36 : 3,194,376
37 : 3,171,528
3,180,472
3,209,880
43 : 3,172,518
3,178,002
3,179,223
3,195,705
3,205,993
3,215,238
3,221,857

Class 194

1 : 3,165,185
3,166,174
3,168,178
3,176,815
3,180,473
3,185,278
3,185,279
3,190,425
3,200,923
3,200,924
3,202,255
3,208,572
3,211,267
3,213,994
3,215,239
3,223,216
3,225,880
2 : 3,165,186
3,169,621
3,170,554
3,172,519
3,173,530
3,175,669
3,179,224
3,179,225
3,185,280
3,185,281
3,208,573
2 : 3,212,614
3,215,240
3,220,528
3,221,858
3 : 3,169,622
3,208,574
3,220,529
3,221,859
3,225,881
4 : 3,165,187
3,165,188
3,165,189
3,173,531
3,178,003
3,190,426
3,191,737
3,193,070
3,194,377
3,204,741
3,209,881
3,209,882
3,211,268
3,212,615
3,216,548
5 : 3,221,860
6 : 3,225,882
9 : 3,167,165
3,169,623
3,170,555
3,172,520
3,176,816
3,181,678
3,182,780
3,182,781
3,191,738
3,191,739
3,194,378
3,197,006
10 : 3,175,670
3,186,531
3,205,994
3,215,241
3,220,530
3,224,544
12 : 3,193,071
13 : 3,193,072
3,207,281
3,207,282
3,221,861
15 : 3,169,624
3,202,256
17 : 3,209,883
19 : 3,186,532
3,215,242
39 : 3,223,217
44 : 3,169,625
45 : 3,172,521
48 : 3,209,884
54 : 3,174,608
55 : 3,195,706
57 : 3,184,026
61 : 3,168,947
3,185,282
3,193,073
3,205,995
63 : 3,176,817
3,197,007
64 : 3,197,008
72 : 3,200,925
83 : 3,172,522
84 : 3,221,862
92 : 3,193,074
3,200,926
3,204,742
3,204,743
97 : 3,176,818
3,189,152
3,197,009
98 : 3,168,179
100 : 3,169,626
3,193,075
101 : 3,168,180
102 : 3,170,556
3,172,523
3,209,885

Class 195

1 : 3,186,917
3,201,323
3,219,542
3,219,543
2 : 3,178,359
3,216,905
3,220,928
3 : 3,169,099
5 : 3,173,847
6 : 3,203,868
17 : 3,185,633
28 : 3,168,446
3,173,848
3,183,169
3,211,629
3,212,993
28 : 3,214,344
3,222,257
3,223,592
3,226,302
29 : Re.25,785
3,186,918
3,189,526
3,212,994
3,216,906
3,220,929
3,222,258
30 : 3,183,170
3,198,712
3,205,150
3,214,345
31 : 3,206,375
36 : 3,189,527
3,196,084
3,202,587
3,212,995
47 : 3,164,531
3,174,908
51 : 3,164,532
3,166,482
3,189,528
3,190,809
3,201,324
3,203,869
3,212,996
3,226,303
62 : 3,189,529
3,226,304
63 : 3,167,485
3,223,593
66 : 3,168,447
3,168,448
3,184,394
3,186,919
3,186,920
3,186,921
3,201,325
3,207,674
3,208,918
3,210,257
3,210,258
3,220,931
68 : 3,223,594
69 : 3,174,909
70 : 3,168,449
3,188,279
71 : 3,193,470
80 : Re.25,840
3,169,100
3,172,822
3,182,004
3,183,172
3,184,395
3,190,810
3,218,239
3,219,544
3,226,305
81 : 3,183,171
3,201,326
3,219,545
3,224,945
82 : 3,186,922
96 : 3,164,533
3,190,811
102 : 3,192,124
103.5 : 3,164,534
.5 : 3,171,793
.5 : 3,174,910
.5 : 3,183,173
.5 : 3,197,384
.5 : 3,205,151
.5 : 3,206,376
.5 : 3,216,907
.5 : 3,218,240
109 : 3,201,327
116 : 3,224,946
129 : 3,205,152
130 : 3,188,280
139 : 3,165,450
3,179,574
3,198,713
3,203,870
3,223,595
141 : 3,201,328
3,216,908

Class 196

14.5 : 3,192,125
46 : 3,192,126
3,220,930
3,222,259
98 : 3,207,675
107 : 3,190,812
132 : 3,184,396
133 : 3,167,486

Class 197

1 : 3,167,166
1 : 3,198,306
.5 : 3,215,244
2 : 3,190,427
3,204,744
3,215,245
6 : 3,223,218
.4 : 3,203,528
.7 : 3,181,679
11 : 3,215,246
3,225,883
12 : 3,223,219
16 : 3,191,740
3,195,707
3,200,927
3,224,545
3,224,546
17 : 3,164,237
3,168,181
3,179,226
3,181,680
3,197,010
3,197,011
3,207,283
3,215,247
3,217,853
3,225,884
18 : 3,178,004
3,199,650
3,221,863
19 : 3,165,190
3,171,529
3,217,854
20 : 3,219,165
22 : 3,223,220
36 : 3,202,257
49 : 3,168,948
50 : 3,175,671
55 : 3,168,182
3,200,928
66 : 3,181,681
3,225,885
71 : 3,190,428
73 : 3,174,609
82 : 3,212,616
3,217,850
84 : 3,165,191
3,181,682
3,181,683
3,205,996
3,220,531
3,225,886
86 : 3,211,269
91 : 3,204,745
3,204,746
97 : 3,215,248
98 : 3,189,153
108 : 3,190,429
114 : 3,197,012
3,217,855
127 : 3,208,575
3,211,270
3,211,271
3,211,272
3,217,856
3,223,221
130 : 3,200,929
3,225,887
133 : 3,174,610
3,176,819
3,185,283
3,212,617
150 : 3,225,888
151 : 3,171,530
3,174,611
3,190,430
3,194,379
3,205,997
3,207,284
3,211,273
3,223,222
157 : 3,186,533
160 : 3,184,027
161 : 3,184,028
172 : 3,176,820
3,205,998
175 : 3,191,741
3,195,708
3,198,307
179 : 3,204,747
3,221,864
180 : 3,213,995
181 : 3,180,474
183 : 3,224,547
186 : 3,191,742
190 : 3,179,227

Class 198

1 : 3,175,672
3,202,258
3,202,259
3,205,999
7 : 3,182,782
3,182,783
9 : 3,184,029
16 : 3,170,557
3,191,743
19 : 3,164,238
3,165,192
3,191,744
3,191,745
3,213,996
3,213,997
3,223,223
3,223,224
20 : 3,164,239
3,168,183
3,168,184
3,171,531
3,173,532
3,174,612
3,176,821
3,185,284
3,191,746
3,191,747
3,191,013
3,202,260
3,202,261
3,208,576
3,209,886
3,213,998
3,220,532
3,225,889
21 : 3,176,822
3,194,380
3,212,618
22 : 3,189,154
3,190,431
3,193,076
3,215,249
24 : 3,176,823
3,178,005
3,179,228
3,179,229
3,181,684
3,181,685
3,184,030
3,184,031
3,198,308
3,198,309
3,199,651
3,200,930
3,202,262
3,204,748
3,207,285
3,213,999
25 : 3,164,240
3,166,175
3,175,673
3,176,824
3,189,155
3,191,748
3,207,286
3,209,887
3,212,619
3,224,548
26 : 3,167,167
3,207,287
3,212,620
27 : 3,184,032
3,184,033
3,195,709
28 : 3,193,077
29 : 3,170,558
3,184,034
3,187,873
3,189,156
3,208,577
3,225,890
30 : 3,164,241
3,168,949
3,171,532
3,179,230
3,187,874
3,191,749
3,204,749
3,207,288
3,212,621
3,216,549
3,224,549
31 : 3,164,242
3,165,193
3,167,168
3,169,627
3,169,628
3,170,559
3,174,613
3,190,432
3,191,750
3,193,078
3,193,079
3,193,080
3,219,166
3,225,891
32 : 3,164,243
3,168,950
3,176,825
3,178,006
32 : 3,179,231
3,187,875
3,197,014
3,219,167
3,224,550
3,224,551
33 : 3,165,194
3,166,176
3,166,177
3,167,169
3,167,170
3,168,185
3,168,186
3,169,629
3,172,524
3,174,614
3,176,826
3,179,232
3,180,476
3,180,477
3,184,035
3,186,534
3,187,876
3,189,157
3,189,158
3,189,159
3,190,433
3,195,710
3,198,310
3,198,311
3,198,312
3,203,529
3,204,750
3,204,751
3,206,000
3,208,578
3,208,579
3,208,580
3,209,888
3,209,889
3,214,000
3,215,250
3,215,251
3,216,550
3,216,551
3,217,857
3,219,168
3,219,169
3,219,170
3,220,533
3,224,552
3,224,553
3,224,554
3,224,555
3,225,892
34 : 3,166,178
3,166,179
3,172,525
3,175,674
3,178,007
3,180,478
3,187,877
3,190,434
3,194,381
3,194,382
3,199,652
3,202,263
3,204,752
3,209,890
3,212,622
3,214,001
3,217,858
3,217,859
3,224,556
3,224,557
35 : 3,176,827
3,191,751
3,199,653
3,200,931
3,224,558
36 : 3,191,752
3,214,002
37 : 3,165,195
3,187,878
3,189,160
3,193,081
3,200,932
3,223,225
38 : 3,164,244
3,169,630
3,173,533
3,175,675
3,179,233
3,194,383
3,200,933
3,203,530
3,212,623
3,214,003
3,220,534
3,223,226
3,224,559
39 : 3,180,475
3,193,082
40 : 3,203,531

40 : 3,219,171
41 : 3,165,196
3,167,171
3,172,526
3,199,654
3,209,891
3,209,892
43 : 3,178,008
3,197,015
3,209,893
46 : 3,167,172
52 : 3,185,285
3,209,894
53 : 3,167,173
3,194,384
3,199,655
3,221,865
64 : 3,178,009
3,191,753
3,193,083
3,194,385
3,197,016
3,198,313
3,203,532
3,212,624
3,215,252
3,223,227
3,224,560
68 : 3,184,036
76 : 3,185,286
3,203,533
82 : 3,200,934
84 : 3,171,534
3,211,274
85 : 3,166,180
3,168,187
87 : 3,181,686
88 : 3,198,314
3,199,656
89 : 3,184,037
92 : 3,191,754
3,209,895
97 : 3,184,038
98 : Re.25,832
99 : 3,182,784
102 : 3,166,181
3,170,560
3,198,315
3,204,753
3,204,754
3,206,001
103 : 3,166,182
3,195,711
105 : 3,179,234
3,206,002
107 : 3,207,289
108 : 3,178,010
3,180,479
113 : 3,168,188
114 : 3,175,676
117 : 3,187,879
120.5 : 3,181,687
.5 : 3,224,561
126 : 3,197,017
3,206,003
127 : 3,170,561
3,170,562
3,176,828
3,180,480
3,181,688
3,182,785
3,189,161
3,189,162
3,199,657
3,202,264
3,215,253
3,219,172
3,225,893
128 : 3,168,189
3,176,829
3,176,830
3,179,235
3,191,755
3,191,756
129 : 3,164,245
3,191,757
131 : 3,166,183
3,167,174
3,171,535
3,174,615
3,179,236
3,181,689
3,182,786
3,206,004
3,206,005
3,206,006
3,211,275
3,224,562
3,224,563
134 : 3,206,007
137 : 3,170,563
3,193,084
3,199,658
3,220,535
138 : 3,172,527
139 : 3,204,755
3,216,552
140 : 3,215,254
3,225,894
141 : 3,212,625
147 : 3,194,386
151 : 3,197,018
152 : 3,220,536
154 : 3,184,039
3,185,287
155 : 3,168,951
156 : 3,197,019
158 : 3,187,880
3,202,265
160 : 3,164,246
3,206,008
163 : 3,220,537
3,224,564
165 : 3,170,564
3,179,237
3,184,040
3,193,085
3,199,659
3,203,534
3,215,255
167 : 3,180,481
3,189,163
168 : 3,184,041
3,189,164
3,214,004
3,215,256
3,216,553
3,225,895
170 : 3,225,896
171 : 3,200,935
3,217,860
3,225,897
174 : 3,191,758
3,219,173
176 : 3,171,533
177 : Re.25,851
3,171,536
3,180,482
3,184,042
3,207,290
3,209,896
3,216,554
3,221,866
178 : 3,200,936
179 : 3,198,316
3,200,937
3,204,756
180 : 3,203,535
181 : 3,179,238
3,225,898
182 : 3,189,165
3,217,861
183 : 3,197,020
3,221,867
184 : 3,195,712
3,203,536
185 : 3,170,565
3,171,537
3,214,005
187 : 3,169,631
3,184,043
3,189,166
188 : 3,173,534
3,214,006
189 : 3,174,616
3,209,897
190 : 3,224,565
192 : 3,166,184
3,182,787
3,182,788
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Class 199

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Class 200

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Class 200—Con.
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142 : 3,171,924
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145 : 3,167,630
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146 : 3,171,004
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148 : 3,215,805
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3,226,513
149 : 3,213,251
3,218,423
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150 : 3,165,610
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152 : 3,177,327
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153 : 3,171,938
3,174,020
3,174,021
3,174,022
3,176,105
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3,223,812
3,226,515
155 : 3,218,424
156 : 3,204,067
157 : 3,176,106
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3,198,922
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158 : 3,194,930
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159 : 3,164,707
3,165,611
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160 : 3,204,070
161 : 3,222,485
162 : 3,171,939
3,185,804
163 : 3,165,613
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164 : 3,172,981
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165 : 3,204,071
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166 : 3,164,708
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166 : 3,177,330
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3,200,226
3,201,554
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167 : 3,168,636
3,170,057
3,171,006
3,174,023
3,179,777
3,188,437
3,192,352
3,196,239
3,197,597
3,197,598
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3,226,520
168 : 3,171,007
3,172,983
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3,182,160
3,182,161
3,182,162
3,182,163
3,184,574
3,185,806
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3,200,227
3,200,228
3,204,073
3,209,103
3,210,507
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3,215,807
3,215,808
3,217,130
3,218,427
3,221,131
169 : 3,171,008
3,186,981
170 : 3,164,710
3,174,024
3,177,332
3,180,963
3,183,335
3,197,599
3,198,924
3,200,229
3,205,333

170 : 3,218,428
3,226,521
171 : 3,196,240
3,210,508
172 : 3,172,984
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3,188,439
3,198,925
3,201,557
3,206,585
3,207,880
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3,211,879

Class 202

1 : 3,197,385
6 : 3,201,329
10 : 3,186,923
12 : 3,175,959
3,192,127
3,222,260
15 : 3,185,635
17 : 3,222,261
22 : 3,167,487
25 : 3,166,483
3,193,471
26 : 3,172,823
3,198,714
3,201,330
31 : 3,200,047
3,214,346
35 : 3,184,397
39.5 : 3,168,451
.5 : 3,169,101
.5 : 3,169,911
.5 : 3,189,530
.5 : 3,190,813
.5 : 3,201,331
.5 : 3,206,377
.5 : 3,210,259
.5 : 3,214,347
.5 : 3,219,546
.5 : 3,220,932
.5 : 3,220,933
.5 : 3,222,262
40 : 3,174,911
3,177,125
3,178,360
3,182,005
3,188,281
3,200,048
3,203,871
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3,212,997
3,219,547
42 : 3,170,849
3,171,794
3,174,912
3,182,006
3,196,085
3,206,378
3,211,630
3,212,998
3,219,548
45 : 3,203,873
46 : 3,184,398
3,192,128
3,206,379
3,207,676
47 : 3,214,348
48 : 3,168,450
3,177,126
50 : 3,165,451
51 : 3,174,913
52 : 3,203,874
3,214,349
3,219,549
53 : 3,165,452
3,177,127
3,218,241
56 : 3,220,934
57 : 3,164,535
3,185,636
3,193,472
3,219,550
3,220,935
3,222,263
60 : 3,211,631
64 : 3,169,102
3,214,350
67 : 3,165,453
75 : 3,183,174
108 : 3,177,128
117 : 3,200,049
118 : 3,178,361
129 : 3,171,795
3,190,814
135 : 3,211,632
141 : 3,170,850
142 : 3,196,086
143 : 3,192,129

144 : 3,170,851
3,183,175
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153 : 3,177,129
154 : 3,189,531
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160 : 3,165,454
3,192,130
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161 : 3,219,551
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163 : 3,212,999
172 : 3,201,332
173 : 3,172,824
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3,213,001
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174 : 3,167,488
176 : 3,200,050
177 : 3,226,306
185 : 3,164,536
3,206,380
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187 : 3,214,352
189 : 3,165,455
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192 : 3,224,948
194 : 3,219,555
201 : 3,223,596
223 : 3,175,961
234 : 3,174,915
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3,193,473
236 : 3,170,852
3,175,962
3,190,817
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3,210,260
3,211,633
238 : 3,169,912
241 : 3,192,134
3,196,088
248 : 3,172,825
3,214,353
268 : 3,190,818

Class 204

1 : 3,166,484
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3,197,388
3,198,715
3,207,678
3,208,919
3,214,354
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3,218,242
3,219,556
3,220,937
3,222,264
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3,223,597
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.5 : 3,197,389
.5 : 3,213,002
2 : 3,226,307
9 : 3,196,089
10 : 3,198,716
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11 : 3,167,489
3,192,135
3,192,136
3,197,390
13 : 3,203,876
15 : 3,167,490
3,171,796
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16 : 3,211,634
18 : 3,165,456
3,165,457
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18 : 3,172,828
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20 : 3,219,557
23 : 3,200,052
26 : 3,223,600
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28 : 3,189,532
29 : 3,180,806
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30 : 3,167,491
32 : 3,202,589
33 : 3,197,391
35 : 3,171,797
3,172,829
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3,175,963
3,218,243
37 : 3,174,917
3,175,964
3,205,153
3,216,912
38 : 3,179,575
3,179,576
3,180,807
3,190,819
3,192,137
3,193,474
3,202,591
3,222,266
39 : 3,226,309
40 : 3,213,005
41 : 3,186,925
42 : 3,207,679
43 : Re.25,883
3,174,918
3,202,590
44 : 3,168,452
3,168,453
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46 : 3,215,610
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47 : 3,206,382
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49 : 3,170,853
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52 : 3,179,577
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3,219,560
55 : 3,185,637
56 : 3,180,809
3,203,879
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3,223,601
58 : 3,202,592
59 : 3,164,537
3,164,538
3,170,856
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3,197,392
60 : 3,173,849
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61 : 3,192,138
3,203,880
3,203,881
64 : 3,188,282
3,192,139
3,226,310
67 : 3,178,363
3,186,927
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68 : 3,167,492
69 : 3,226,311
72 : 3,169,913
3,214,356
73 : 3,193,475
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73 : 3,193,482
3,193,483
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74 : 3,165,459
3,205,154
3,218,246
75 : 3,200,053
79 : 3,193,484
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80 : 3,214,357
82 : 3,172,830
86 : 3,216,914
87 : 3,179,579
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95 : 3,180,811
3,203,882
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96 : 3,194,749
98 : 3,177,131
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99 : 3,201,333
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105 : 3,180,812
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106 : 3,202,593
108 : 3,201,334
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112 : 3,175,965
114 : 3,200,055
121 : 3,198,720
129 : 3,180,813
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130 : 3,174,919
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131 : 3,180,814
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140 : 3,202,594
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.5 : 3,203,884
.5 : 3,213,008
.5 : 3,223,602
141 : 3,190,822
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143 : 3,174,920
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145 : 3,167,493
146 : 3,194,750
147 : 3,168,455
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148 : 3,202,596
149 : 3,192,142
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151 : 3,192,143
154 : Re.25,904
3,168,456
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3,205,156
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155 : 3,186,929
157 : 3,170,859
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158 : 3,164,539
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3,224,951
162 : Re.25,937

162 : 3,174,921
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163 : 3,190,825
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164 : 3,169,914
171 : 3,169,915
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173 : 3,223,605
176 : 3,186,930
180 : 3,166,486
3,197,393
3,203,887
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181 : 3,200,057
3,200,058
3,223,607
186 : 3,197,394
3,200,059
192 : 3,177,134
193 : 3,184,400
3,201,338
195 : 3,170,860
3,174,922
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3,190,826
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3,208,927
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3,211,640
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3,223,609
3,226,313
196 : 3,166,487
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3,196,101
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3,216,916
197 : 3,179,582
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3,226,314
206 : 3,226,315
212 : 3,168,457
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213 : 3,183,177
3,205,159
216 : 3,186,932
219 : 3,198,722
220 : 3,174,923
224 : 3,202,598
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3,214,360
3,214,361
3,219,568
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225 : 3,219,570
227 : 3,182,010
234 : 3,192,145
236 : 3,216,917
237 : 3,168,458
238 : 3,222,268
239 : 3,170,861
240 : 3,192,146
244 : 3,170,862
245 : 3,216,918
249 : 3,215,614
255 : 3,214,362
258 : 3,216,919
269 : 3,222,270
270 : 3,222,269
274 : 3,189,534
275 : 3,210,262
279 : 3,202,600
3,215,615
284 : 3,218,248
294 : 3,197,395
297 : 3,223,611
298 : 3,189,535
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299 : 3,198,723

299 : 3,198,724
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3,219,571
301 : 3,164,540
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3,198,725
3,201,339
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3,219,572
3,219,573
3,223,612
302 : 3,186,933
3,190,827
3,202,601
3,205,160
3,205,161
3,207,686
312 : 3,166,488
3,180,816
3,185,638
3,205,162
313 : 3,215,616
315 : 3,220,943
320 : 3,198,726
321 : 3,214,364

Class 205

1 : 3,172,528
4 : 3,165,199
7 : 3,167,176
3,169,635
3,172,529
16 : 3,166,185
22 : 3,170,567

Class 206

.4 : 3,187,885
.4 : 3,195,716
.4 : 3,207,294
.4 : 3,207,295
.4 : 3,211,280
.4 : 3,225,910
.4 : 3,225,911
.5 : 3,199,665
.5 : 3,223,229
.81: 3,202,268
.82: 3,199,666
.83: 3,178,014
.83: 3,193,090
.83: 3,193,091
.83: 3,194,393
.83: 3,217,866
1 : 3,174,620
3,179,243
3,181,693
3,187,886
3,198,321
.5 : 3,215,262
.5 : 3,216,558
.7 : 3,167,177
.8 : 3,186,539
2 : 3,216,559
4 : 3,219,179
3,220,541
5 : 3,178,015
3,186,540
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7 : 3,190,435
3,203,539
8 : 3,168,191
3,191,764
12 : 3,203,540
15.1 : 3,167,178
.1 : 3,207,296
.2 : 3,189,169
.3 : 3,185,291
16 : 3,180,484
3,180,485
3,191,765
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3,207,297
3,219,180
.5 : 3,190,436
.5 : 3,221,871
17.5 : 3,207,298
19.5 : 3,169,636
29 : 3,176,835
3,198,322
3,199,667
37 : 3,225,912
41 : 3,164,248
.2 : 3,190,437
.2 : 3,194,394
.2 : 3,214,009
.4 : 3,178,016
42 : 3,182,789
3,199,668

Class 206—Con.

42 : 3,203,541
3,204,758
3,207,299
3,225,913
44 : 3,167,179
3,189,170
3,208,583
3,216,560
3,224,568
.11: 3,199,669
45 : 3,190,438
3,190,439
.11: 3,172,530
.13: 3,209,903
.14: 3,165,200
.14: 3,181,694
.14: 3,184,046
.14: 3,185,292
.14: 3,206,013
.19: 3,182,790
.19: 3,206,014
.20: 3,167,180
.21: 3,185,293
.21: 3,219,181
.22: 3,191,766
.24: 3,168,192
.25: 3,185,294
.31: 3,168,952
.31: 3,185,295
.31: 3,185,662
.31: 3,190,440
.31: 3,200,942
.31: 3,203,542
.31: 3,204,759
.31: 3,220,542
.31: 3,223,230
.31: 3,224,569
.32: 3,195,718
.33: 3,176,836
.33: 3,207,300
.34: 3,172,531
.34: 3,178,017
.34: 3,184,047
.34: 3,199,670
.34: 3,217,867
.34: 3,220,543
46 : 3,170,568
3,170,569
3,171,539
3,173,535
3,176,837
3,180,486
3,184,048
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3,185,296
3,186,541
3,187,887
3,190,441
3,190,442
3,194,395
3,198,323
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3,203,543
3,204,760
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3,211,282
3,211,283
3,214,010
3,214,011
3,216,561
3,217,868
3,220,544
3,221,872
47 : Re.25,781
3,171,540
3,179,244
3,180,487
3,184,050
3,184,051
3,184,052
3,189,171
3,193,092
3,195,719
3,203,544
3,204,761
3,207,301
3,215,263
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51 : 3,189,172
52 : 3,173,536
3,175,679
3,184,053
3,189,173
3,195,720
3,195,721
52 : 3,202,269
3,206,016
3,208,585
3,209,904
53 : 3,195,722
3,208,586
56 : 3,164,249
3,164,250
3,164,695
3,165,201
3,166,186
3,167,181
3,168,193
3,175,680
3,182,791
3,184,054
3,187,888
3,191,767
3,191,768
3,197,024
3,199,671
3,202,270
3,202,271
3,202,272
3,204,762
3,206,017
3,211,284
3,212,632
3,212,633
3,214,012
3,214,013
3,215,264
3,216,562
3,216,563
3,217,869
3,224,574
3,225,916
3,225,917
57 : 3,173,537
3,173,538
3,182,792
3,184,055
3,186,542
3,198,325
58 : 3,166,187
3,182,793
3,214,014
3,225,918
59 : 3,172,532
3,172,533
3,179,245
3,185,297
3,186,543
3,190,443
3,204,763
60 : 3,194,396
3,217,870
3,225,919
62 : 3,166,188
3,180,488
3,185,298
3,193,093
3,209,905
3,211,285
3,216,564
3,224,573
63.2 : 3,166,189
.2 : 3,181,695
.2 : 3,189,174
.2 : 3,189,702
.2 : 3,190,444
.2 : 3,203,545
.2 : 3,207,302
.2 : 3,208,587
.2 : 3,215,265
.2 : 3,217,871
.2 : 3,225,920
.3 : 3,185,299
.3 : 3,202,273
.3 : 3,206,018
.3 : 3,221,873
.5 : 3,193,094
65 : Re.25,949
3,164,251
3,164,252
3,166,190
3,166,191
3,168,194
3,168,953
3,170,570
3,172,534
3,172,535
3,173,539
3,175,681
3,175,682
3,175,683
3,175,684
3,176,838
3,178,018
3,180,489
3,181,696
3,182,794
3,184,056
65 : 3,186,544
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3,187,889
3,189,175
3,189,176
3,191,769
3,191,770
3,193,095
3,195,723
3,196,229
3,198,326
3,198,327
3,198,328
3,198,329
3,200,943
3,200,944
3,202,274
3,202,275
3,202,276
3,206,019
3,206,020
3,207,303
3,208,588
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3,212,634
3,212,635
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3,214,015
3,214,016
3,215,266
3,216,565
3,217,872
3,217,873
3,217,874
3,217,875
3,219,182
3,219,183
3,220,545
3,221,874
3,221,875
3,221,876
3,223,232
3,223,233
3,223,234
3,224,575
3,224,576
3,224,577
3,225,921
3,225,922
67 : 3,175,685
3,181,697
72 : 3,170,571
3,181,698
73 : 3,187,890
74 : 3,223,235
78 : 3,173,540
3,174,621
3,178,019
3,179,246
3,184,057
3,197,025
3,202,277
3,212,637
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3,215,267
79 : 3,173,541
3,184,058
80 : 3,181,699
3,184,059
3,185,300
3,197,026
3,202,278
3,202,279
3,202,280
3,208,590
3,209,906
82 : 3,215,268
3,223,236
83.5 : 3,206,021
.5 : 3,214,017
84 : 3,182,795
3,184,060
3,211,286
3,216,566

Class 207

1 : 3,168,195
4 : 3,165,202
6 : 3,165,203
10 : 3,169,638
15 : 3,164,253
16 : 3,172,536

Class 208

2 : 3,186,934
3 : 3,170,863
8 : 3,167,494
3,184,401
10 : Re.25,770
11 : 3,164,541
3,189,536
11 : 3,203,888
3,208,930
3,224,954
21 : 3,170,864
3,214,365
3,216,921
3,223,613
23 : 3,173,851
24 : 3,200,060
3,223,614
27 : 3,206,387
3,208,931
3,223,615
28 : 3,192,149
3,208,932
3,224,955
33 : 3,171,798
3,202,602
3,224,956
44 : 3,194,752
3,207,687
45 : 3,206,388
46 : 3,173,852
3,194,753
3,196,102
3,226,316
47 : 3,172,832
3,189,537
48 : 3,170,865
3,174,924
3,197,396
3,224,957
50 : 3,193,486
57 : 3,166,489
3,168,459
3,203,889
3,219,574
58 : 3,172,833
3,172,834
3,172,835
3,183,178
3,189,538
3,200,061
3,203,890
3,206,389
59 : 3,172,836
3,174,925
3,180,817
3,180,818
3,184,402
3,186,935
3,207,688
3,211,641
3,215,617
60 : 3,172,837
61 : 3,172,838
62 : 3,192,150
64 : 3,165,461
65 : 3,169,916
3,180,819
3,198,727
3,198,728
3,201,340
66 : 3,166,490
67 : 3,168,460
68 : 3,172,839
3,185,639
3,193,487
3,193,488
74 : 3,201,341
3,213,011
78 : 3,164,542
3,182,011
3,190,828
3,224,958
79 : 3,172,840
3,172,841
3,175,966
3,210,264
80 : 3,172,842
3,193,489
86 : 3,165,462
87 : 3,200,062
89 : 3,168,461
3,173,853
3,184,403
3,186,936
3,201,342
3,208,933
3,223,616
91 : 3,193,490
95 : 3,201,343
97 : 3,183,179
100 : 3,206,390
106 : 3,179,584
107 : 3,202,603
3,224,959
108 : 3,188,286
3,218,249
110 : 3,206,391
3,211,642
3,213,012
3,214,366
110 : 3,222,271
111 : 3,166,491
3,169,106
3,169,107
3,173,854
3,182,012
3,193,491
3,197,397
3,197,398
3,197,399
3,200,063
3,210,265
3,213,013
3,216,922
3,222,272
3,224,960
112 : 3,182,013
3,184,404
3,222,273
113 : 3,213,014
119 : 3,193,492
120 : 3,168,462
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3,178,365
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3,193,493
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3,194,754
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125 : 3,210,268
127 : 3,206,392
130 : 3,213,015
134 : 3,185,640
138 : 3,173,856
3,223,617
3,224,962
139 : 3,167,495
3,173,857
3,177,135
3,177,136
3,194,755
3,216,923
143 : 3,167,496
3,167,497
3,167,498
3,183,180
3,201,344
3,215,618
3,216,924
3,222,274
148 : 3,173,858
152 : 3,207,689
164 : 3,175,968
3,206,393
168 : 3,198,729
180 : 3,169,917
3,222,275
184 : 3,173,859
187 : 3,175,969
3,211,643
188 : 3,205,163
3,215,619
191 : 3,192,152
193 : 3,164,543
204 : 3,202,604
3,207,690
206 : 3,164,544
210 : 3,172,843
211 : 3,180,820
3,183,181
3,193,495
212 : 3,175,970
3,183,182
3,193,496
216 : 3,167,499
3,179,586
3,203,891
226 : 3,185,641
227 : 3,184,405
230 : 3,164,545
231 : 3,197,400
236 : 3,164,546
3,205,164
237 : 3,166,492
245 : 3,182,014
3,211,644
247 : 3,223,618
250 : 3,218,250
251 : 3,167,500
252 : 3,190,829
3,203,892
254 : 3,166,493
3,189,539
3,205,165
255 : 3,182,015
3,190,830
3,201,345
263 : 3,180,821
3,196,103
264 : 3,165,463
3,166,494
3,169,918
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3,180,822
3,182,016
3,189,540
3,190,831
3,192,153
3,196,104
3,218,251
267 : 3,177,137
271 : 3,193,497
273 : 3,164,547
3,216,925
276 : 3,165,464
277 : 3,198,730
280 : 3,200,064
282 : 3,216,926
284 : 3,216,927
288 : 3,207,691
294 : 3,214,367
308 : 3,180,823
310 : 3,182,017
3,184,406
3,205,166
3,216,928
311 : 3,183,183
312 : 3,216,929
313 : 3,167,501
3,207,692
314 : 3,186,937
316 : 3,186,938
317 : 3,205,167
321 : 3,200,065
3,210,269
323 : 3,168,463
337 : 3,202,605
340 : 3,166,495
3,174,926
341 : 3,206,394
3,210,270
342 : 3,200,066
346 : 3,188,287
350 : 3,170,866
351 : 3,177,138
353 : 3,206,395
355 : 3,210,271

Class 209

2 : 3,223,237
3 : 3,175,686
3,185,301
3,225,923
7 : 3,220,546
9 : 3,207,304
3,217,876
3,225,924
10 : 3,207,305
11 : 3,207,306
12 : 3,167,502
17 : Re.25,774
18 : 3,204,764
72 : 3,184,061
3,199,672
3,224,578
73 : 3,182,796
3,187,891
3,215,269
3,219,184
74 : 3,169,639
3,170,572
3,173,542
3,176,839
3,176,840
3,178,020
3,179,247
3,182,797
3,189,177
3,193,096
3,198,330
3,206,022
3,207,307
3,209,907
3,209,910
3,211,287
3,220,547
3,224,579
3,225,925
75 : 3,206,023
78 : 3,200,945
3,211,288
3,217,878
79 : 3,199,673
80 : 3,191,771
81 : Re.25,894
3,176,841
3,179,248
3,180,490
81 : 3,187,892
3,209,908
3,216,567
82 : 3,204,765
84 : 3,206,024
85 : 3,173,543
3,209 909
88 : 3,170,573
3,195,724
3,197,027
3,206,025
89 : 3,207,308
90 : 3,168,196
3,206,026
99 : 3,211,289
102 : 3,191,772
3,207,309
3,209,911
106 : 3,179,249
3,200,946
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107 : 3,220,548
108 : 3,173,544
110 : 3,198,331
3,199,674
111.5 : 3,203,546
.6 : 3,180,491
.6 : 3,220,549
.7 : 3,176,842
.7 : 3,187,893
.7 : 3,191,773
.7 : 3,203,547
.7 : 3,215,271
.7 : 3,216,568
.7 : 3,217,877
.8 : 3,206,027
120 : 3,220,550
121 : Re.25,732
3,189,178
3,224,580
122 : 3,217,879
126 : 3,211,290
130 : 3,217,880
133 : 3,180,492
3,200,947
137 : 3,173,861
139 : 3,164,548
3,219,185
147 : 3,208,591
155 : 3,207,310
158 : 3,208,592
3,224,581
166 : 3,164,549
3,179,250
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3,202,281
3,214,018
3,223,238
3,224,582
167 : 3,220,551
172.5 : 3,219,186
211 : 3,166,496
3,172,844
221 : 3,197,028
223 : 3,168,464
3,209,912
233 : 3,219,187
238 : 3,195,725
242 : 3,167,503
247 : 3,206,028
270 : 3,223,239
273 : 3,174,622
275 : 3,169,108
287 : 3,193,097
288 : 3,208,593
313 : 3,214,363
314 : 3,221,877
315 : 3,225,926
319 : 3,187,894
325 : 3,179,251
329 : 3,191,774
330 : 3,217,881
332 : 3,199,675
365 : 3,202,282
366.5 : 3,206,029
379 : 3,208,594
394 : 3,194,397
399 : 3,203,548
403 : 3,176,843
3,186,547
404 : 3,193,098
416 : 3,186,548
479 : 3,225,927

Class 210

3 : 3,192,154
3,203,893
4 : 3,218,252
3,224,963
5 : 3,220,945
6 : 3,226,317

7 : 3,168,465
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8 : 3,180,824
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10 : 3,226,318
11 : 3,188,288
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12 : 3,196,105
14 : 3,194,756
17 : 3,219,577
19 : 3,206,396
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20 : 3,173,862
21 : 3,177,139
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3,215,622
22 : 3,170,867
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23 : 3,214,368
24 : 3,167,504
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26 : 3,183,184
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27 : 3,218,253
28 : 3,167,505
30 : 3,180,825
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31 : 3,179,587
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32 : 3,216,932
33 : 3,193,498
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37 : 3,215,625
38 : 3,196,107
39 : 3,210,272
42 : 3,197,402
3,198,731
44 : 3,192,155
46 : 3,172,845
48 : 3,218,254
49 : 3,170,868
50 : 3,167,506
52 : 3,171,800
3,171,801
3,171,802
3,171,803
3,173,863
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3,194,757
3,219,578
3,226,319
53 : 3,165,465
3,171,804
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54 : 3,166,497
3,170,869
3,171,805
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3,214,370
57 : 3,173,864
3,215,626
58 : 3,184,407
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59 : 3,170,870
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60 : 3,214,371
62 : 3,215,627
3,222,276
63 : 3,186,942
3,192,156
3,200,069
3,222,277
3,226,320
64 : 3,177,140
3,219,579
67 : 3,178,021
71 : 3,202,283
73 : 3,216,569
75 : 3,172,846
3,202,284
77 : 3,217,882
78 : 3,194,398
83 : 3,182,799
83 : 3,216,570
84 : 3,215,272
86 : 3,186,549
3,204,766
89 : 3,164,550
90 : 3,216,571
3,224,583
91 : 3,197,029
3,224,584
94 : 3,168,466
3,221,878
96 : 3,176,844
3,182,800
3,220,552
3,223,240
3,223,241
97 : 3,206,030
3,214,019
3,216,572
98 : Re.25,865
99 : 3,193,099
101 : 3,217,883
104 : 3,194,399
3,212,639
106 : 3,221,879
107 : 3,169,109
3,172,847
108 : Re.25,761
3,168,467
3,214,020
3,214,021
3,217,884
3,219,188
114 : 3,165,466
3,187,895
3,199,676
117 : 3,167,507
3,190,445
3,193,100
120 : 3,175,687
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121 : 3,215,273
3,225,928
126 : 3,185,302
3,190,446
128 : 3,199,677
130 : 3,165,467
3,166,498
3,184,062
3,184,063
3,187,896
3,193,101
3,221,880
134 : 3,217,885
136 : 3,166,499
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3,184,064
3,185,303
3,203,549
3,221,881
137 : 3,166,500
3,193,102
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138 : 3,214,022
139 : 3,223,242
141 : 3,207,312
143 : 3,178,023
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144 : 3,172,848
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149 : 3,175,688
150 : 3,176,845
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151 : 3,172,849
154 : 3,209,913
159 : 3,209,914
162 : 3,190,448
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168 : 3,168,468
169 : 3,169,920
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170 : 3,169,921
172 : 3,165,468
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173 : 3,190,449
175 : 3,181,700
179 : 3,190,450
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184 : 3,200,948
185 : 3,212,640
190 : 3,204,767
191 : 3,169,110
195 : 3,166,501
195 : 3,195,727
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197 : 3,187,897
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198 : 3,214,024
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209 : 3,198,333
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212 : 3,182,802
217 : 3,215,277
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220 : 3,216,573
222 : 3,170,871
223 : 3,164,551
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228 : 3,221,883
230 : 3,204,769
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232 : 3,165,469
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238 : 3,189,179
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241 : 3,225,930
242 : 3,219,190
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243 : 3,186,551
247 : 3,169,111
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249 : 3,206,033
250 : 3,167,508
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251 : 3,190,451
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253 : 3,178,024
256 : 3,189,180
259 : 3,199,679
266 : 3,169,112
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278 : 3,190,452
280 : 3,216,575
282 : 3,204,770
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285 : 3,174,623
286 : 3,202,286
291 : 3,189,181
293 : 3,178,026
298 : 3,221,885
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306 : 3,202,287
307 : 3,165,470
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315 : 3,179,253
319 : 3,171,807
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327 : 3,221,887
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330 : 3,195,729
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331 : 3,187,898
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332 : 3,212,643
333 : 3,176,846
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342 : 3,211,292
347 : 3,165,471
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364 : 3,200,950
365 : 3,175,689
370 : 3,178,027
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374 : 3,170,874
374 : 3,199,681
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376 : 3,171,809
387 : 3,169,922
391 : 3,168,471
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402 : 3,174,624
404 : 3,175,690
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438 : 3,224,590
440 : 3,224,591
443 : 3,204,771
444 : 3,194,401
445 : 3,173,868
448 : 3,217,889
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457 : 3,165,472
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470 : 3,200,954
479 : 3,199,682
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486 : 3,203,551
487 : 3,178,028
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488 : 3,195,730
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493 : 3,174,625
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497.1 : 3,219,193
501 : 3,216,579
502 : 3,215,278
508 : 3,219,194
510 : 3,165,473
512 : 3,204,772
519 : 3,175,692
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521 : 3,214,026
525 3,204,773
528 3,166,502
3,191,775
531 : 3,200,956
532 : 3,212,644
3,221,889
533 : 3,198,337

Class 211

1 : 3,184,066
3,200,957
.5 : 3,176,847
.5 : 3,207,316
4 : 3,166,192
3,166,193
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3,204,774
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10 : 3,178,029
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13 : 3,168,197
3,173,545
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14 : 3,182,804
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22 : 3,202,289
23 : 3,184,068
26 : 3,182,805
28 : 3,185,306
32 : 3,178,030
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35 : 3,172,537
37 : 3,171,541
40 : 3,176,848
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43 : 3,171,542
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47 : 3,187,900
48 : 3,207,319
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49 : 3,166,194
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64 : 3,167,182
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65 : 3,203,555
66 : 3,185,311
68 : 3,209,918
69 : 3,182,808
71 : 3,167,183
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74 : 3,164,257
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78 : 3,194,403
81 : 3,194,404
83 : 3,197,032
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84 : 3,167,184
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85 : 3,225,938
86 : 3,166,197
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87 : 3,172,540
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89 : 3,194,405
90 : 3,209,919
94.5 : 3,217,893
96 : 3,202,293
99 : 3,214,032
100 : 3,194,406
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105.1 : 3,189,188
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117 : 3,176,850
118 : 3,179,256
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.15: 3,173,548
.15: 3,176,851
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.15: 3,215,279
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132 : 3,181,705
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134 : 3,195,734
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135 : 3,184,074
148 : Re.25,912
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3,215,280
180 3,215,281
182 3,166,199
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184 3,202,298
3,216,587

Class 212

3 : 3,172,543
3,219,197
3,220,560
4 3,191,778
8 3,173,549
3,174,630
3,181,707
3,197,036
11 : 3,179,259
14 3,176,853
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15 3,204,780
17 : 3,223,248
35 : 3,173,550
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38 : 3,221,896
39 : 3,199,685
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46 : 3,189,189
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49 : 3,185,316
55 : 3,187,905
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58 : 3,180,496
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64 : 3,207,323
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66 : 3,191,780
68 : 3,193,109
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69 : 3,197,038
70 : 3,190,457
71 : 3,221,897
89 : 3,172,544
104 : 3,173,551
144 : Re.25,916
3,170,574
3,171,545
3,176,854
145 : 3,164,261
3,167,188
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Class 213

1 : 3,209,921
3,224,598
8 : 3,164,262
3,166,200
3,168,201
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3,193,111
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21 : 3,180,497
3,189,190
3,197,037
22 : 3,176,857
3,202,300
29 : 3,164,263
33 : 3,178,036
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43 : 3,164,264
3,166,201
3,170,575
3,171,546
3,173,552
3,175,699
3,175,700

Class 213—Con.

43 : 3,176,855
3,176,856
3,186,563
3,190,458
3,193,112
3,194,415
3,198,346
3,215,283
3,216,591
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45 : 3,185,317
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62 : 3,220,562
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64 : 3,164,265
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67 : 3,224,600
72 : 3,211,297
74 : 3,197,039
75 : 3,224,601
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104 : 3,181,708
112 : 3,175,701
146 : 3,168,202
166 : 3,167,189
3,206,039
221 : 3,204,781

Class 214

1 : RE.25,889
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58 : 3,165,213
62 : 3,167,192
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64 : 3,176,860
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304 : 3,179,269
305 : 3,224,609
307 : 3,190,478
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309 : 3,168,958
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314 : 3,200,974
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330 : 3,214,042
333 : 3,174,638
334 : 3,224,611
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338 : 3,182,834
339 : 3,178,047
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506 : 3,179,271
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521 : 3,179,272
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730 : 3,166,209
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731 : 3,175,722

Class 215

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Class 217

3 : 3,187,921
3,209,936
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14 : 3,164,281
16 : 3,216,604
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19 : 3,199,708
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.5 : 3,171,562
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47 : 3,194,425
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Class 218

43 : 3,166,210
47 : 3,164,283

Class 219

7.5 : 3,198,926
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.5 : 3,210,509
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553 : 3,205,343

Class 220

1 : 3,167,203
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2.1 : Re.25,791
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Class 220—Con.

2.1 : 3,169,657
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.1 : 3,220,592
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Class 221

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Class 222

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496 : 3,178,082
498 : 3,164,306
3,165,243
3,214,069
499 : 3,216,630
500 : 3,180,538
501 : 3,201,012
502 : 3,170,608
503 : 3,181,740
504 : 3,216,631
505 : 3,170,609
512 : 3,167,222
514 : 3,180,539
515 : 3,225,971
516 : 3,225,972
517 : 3,181,741
3,193,161
3,199,748
518 : 3,187,965
519 : 3,197,090
520 : 3,168,969
3,199,749
521 : 3,175,741
3,194,453
522 : 3,197,091
3,225,973
525 : 3,201,013
3,221,952
527 : 3,164,307
3,181,742
528 : 3,181,743
3,185,360
3,217,951
529 : 3,199,750
3,225,974
537 : 3,220,620
538 : 3,221,953
539 : 3,181,744
3,181,745
3,185,361
541 : 3,179,313
3,186,606
3,187,966
3,204,835
3,208,649
3,216,632
3,223,298
542 : 3,189,234
543 : 3,195,790
3,199,751
3,208,650
3,209,963
545 : 3,174,661
3,180,540
3,180,541
3,181,746
3,194,454
3,194,455
3,197,092
3,198,406
3,201,014
3,204,836
3,209,964
547 : 3,186,607
548 : 3,206,085
549 : 3,164,308
553 : 3,207,390
554 : 3,186,608
561 : 3,179,314
566 : 3,221,954
569 : Re.25,765
570 : 3,201,015
3,221,955
572 : 3,225,975

Class 223

10 : 3,199,752
30 : 3,190,512
34 : 3,204,837
37 : 3,167,223
3,181,747
3,220,621
39 : 3,215,321
41 : 3,166,223
46 : 3,180,542
3,193,162
3,194,459
3,214,070
3,223,299
3,225,976
57 : 3,170,610
3,174,662
3,178,083
3,194,456
3,198,407
3,224,654
65 : 3,182,868
66 : 3,164,309
3,168,227
3,197,093

Class 223—Con.

66 : 3,198,408
67 : 3,165,244
3,184,127
3,202,328
68 : 3,164,310
3,181,748
3,191,821
3,208,651
70 : 3,216,633
71 : 3,180,543
72 : 3,189,235
3,217,952
73 : 3,171,575
3,178,084
3,182,869
3,207,391
3,208,652
3,220,622
74 : 3,174,663
75 : 3,169,680
76 : 3,181,749
3,181,750
77 : 3,197,094
81 : 3,180,544
82 : 3,191,822
85 : 3,202,329
3,207,392
3,225,977
87 : 3,204,838
3,209,965
88 : RE.25,841
3,171,576
3,186,609
3,194,457
89 : 3,214,071
91 : 3,165,245
3,182,870
3,186,610
3,201,016
3,225,978
92 : 3,168,970
3,194,458
93 : 3,209,966
94 : 3,219,241
3,225,979
95 : 3,171,577
96 : 3,191,823
3,197,095
3,207,393
3,209,967
98 : 3,167,224
3,169,681
3,179,315
3,189,236
3,202,330
3,212,687
3,225,980
101 : 3,191,824
102 : 3,168,228
3,206,086
104 : 3,189,237
105 : 3,167,225
106 : 3,221,956
107 : 3,197,096
109 : 3,207,394
3,225,981
111 : 3,199,753
113 : 3,197,097
118 : 3,165,246

Class 224

1 : 3,168,971
3,182,871
3,187,967
3,208,653
3,211,351
3,221,957
3,221,958
2 : 3,168,972
3,191,825
3,197,098
4 : 3,214,685
5 : 3,172,583
3,174,664
3,181,751
3,181,752
3,182,872
3,186,611
3,190,513
3,191,826
3,197,099
3,199,754
3,207,395
3,212,688
3,219,242
3,219,243
3,225,982
3,225,983
3,225,984
6 : 3,197,100
3,209,968
7 : 3,191,827
8 : 3,206,087
3,221,959
9 : 3,185,362
13 : 3,212,689
15 : 3,219,244
20 : 3,190,514
25 : 3,180,545
3,184,128
3,191,828
3,223,300
3,225,985
26 : 3,201,017
3,201,018
3,212,690
3,215,322
28 : 3,202,331
29 : 3,165,247
3,181,753
3,181,754
3,209,969
3,215,323
32 : 3,220,623
42.01: 3,186,612
.03: 3,176,903
.03: 3,181,755
.03: 3,202,332
.03: 3,207,396
.03: 3,225,986
.07: 3,203,605
.1 : 3,170,611
.1 : 3,171,578
.1 : 3,174,665
.1 : 3,179,316
.1 : 3,190,515
.1 : 3,191,829
.1 : 3,203,604
.1 : 3,204,839
.1 : 3,209,970
.1 : 3,209,971
.1 : 3,220,624
.1 : 3,221,960
.1 : 3,223,301
.1 : 3,223,302
.23: 3,175,742
.24: 3,204,840
.45: 3,172,584
.46: 3,175,743
45 : 3,167,226
3,168,229
3,169,682
3,170,612
3,172,585
3,181,756
3,191,830
3,194,460
3,194,461
3,194,462
3,197,101
3,203,606
3,207,397
3,220,625
3,225,987
46 : 3,174,666
48 : 3,224,655
49 : 3,167,227
3,214,072
55 : 3,172,586
3,220,626

Class 225

1 : 3,189,238
3,204,841
2 : 3,169,683
3,169,684
3,178,085
3,182,873
3,184,129
3,206,088
3 : 3,182,874
3,199,755
4 : 3,179,317
3,191,831
16 : 3,164,311
3,165,248
3,168,230
3,194,463
3,217,953
19 : 3,216,634
32 : 3,217,954
33 : 3,173,590
39 : 3,175,744
3,190,520
41 : 3,178,086
43 : 3,165,249
44 : 3,190,517
46 : 3,176,891
47 : 3,217,955
48 : RE.25,876
56 : 3,187,968
58 : 3,197,102
66 : 3,170,613
3,173,591
66 : 3,176,892
3,185,363
72 : 3,168,231
80 : 3,166,224
3,186,613
89 : 3,172,587
91 : 3,169,685
93 : 3,172,588
3,221,961
.5 : 3,172,589
.5 : 3,215,345
94 : 3,164,312
96 : 3,207,398
.5 : 3,175,745
.5 : 3,181,757
.5 : 3,190,518
.5 : 3,194,464
.5 : 3,216,635
99 : 3,182,875
100 : 3,186,614
3,191,832
101 : 3,172,590
3,182,876
3,190,516
102 : 3,191,833
103 : 3,167,228
3,181,758
3,186,615
3,187,969
3,221,962
104 : 3,175,746

Class 226

1 : 3,198,409
3,216,636
2 : 3,174,667
7 : 3,212,691
8 : 3,167,229
9 : 3,166,225
3,201,019
11 : 3,184,130
12 : 3,208,654
19 : 3,225,988
23 : 3,171,579
24 : 3,185,364
26 : 3,169,686
27 : 3,204,842
30 : 3,216,637
37 : 3,197,103
38 : 3,191,834
39 : 3,175,747
3,208,655
40 : 3,206,089
43 : 3,187,970
44 : 3,225,989
50 : 3,185,365
51 : 3,181,759
3,206,090
3,207,399
3,225,990
55 : 3,165,250
56 : 3,198,410
3,225,991
57 : 3,224,656
63 : 3,165,251
67 : 3,197,104
74 : 3,209,972
3,209,973
3,219,245
76 : 3,199,756
91 : 3,180,546
3,201,020
92 : 3,195,792
95 : 3,187,971
3,189,239
3,189,240
3,195,791
3,204,843
97 : 3,174,668
3,180,549
3,184,131
3,191,835
3,206,091
3,206,092
3,216,638
99 : 3,172,591
104 : 3,204,844
109 : 3,221,963
117 : 3,174,669
3,174,670
118 : 3,176,893
3,176,894
3,180,547
3,191,836
3,191,837
3,209,974
3,217,956
119 : 3,168,232
3,203,607
123 : 3,212,692
124 : 3,203,608
134 : 3,170,614
136 : 3,207,400
157 : 3,172,592
164 : 3,190,519
165 : 3,193,163
170 : 3,225,992
172 : 3,182,877
173 : 3,216,639
3,220,627
174 : 3,169,687
176 : 3,176,895
3,185,366
3,197,105
177 : 3,207,401
181 : 3,164,313
3,184,132
3,219,246
183 : 3,174,671
189 : 3,202,333
194 : 3,198,411
195 : 3,180,548
3,207,402
3,208,656
3,219,247
196 : 3,179,318
197 : 3,223,303
199 : 3,204,845

Class 227

2 : 3,209,975
3 : 3,190,521
5 : 3,193,164
3,204,846
3,221,964
7 : 3,173,592
3,181,730
3,191,838
3,221,965
8 : 3,186,616
3,193,165
3,198,412
3,203,609
10 : 3,181,760
11 : 3,214,073
3,221,966
15 : 3,220,628
18 : 3,225,993
19 : 3,176,896
27 : 3,195,793
28 : 3,221,967
39 : 3,225,994
40 : 3,190,522
60 : 3,179,319
62 : 3,221,968
64 : 3,191,839
81 : 3,186,617
3,223,304
83 : 3,182,878
84 : 3,212,693
85 : 3,193,166
3,225,995
88 : 3,224,657
90 : 3,187,972
93 : 3,180,550
3,190,523
95 : 3,185,367
101 : 3,207,403
103 : 3,207,404
111 : 3,173,593
114 : 3,191,840
119 : 3,182,879
120 : 3,174,672
3,194,465
123 : 3,215,324
124 : 3,209,976
125 : 3,207,405
130 : 3,191,841
132 : 3,193,167
136 : 3,208,657
3,211,352
137 : 3,225,996
140 : 3,219,248
146 : 3,203,610
147 : 3,193,168
152 : 3,197,106
3,207,406
3,212,694
154 : 3,174,673
155 : 3,191,842

Class 228

1 : 3,193,169
3,212,695
3,217,957
3,224,658
3,225,997
2 : 3,185,368
3,225,998
3 : 3,211,353
3,216,640
4 : 3,190,524
3,198,413
3,225,999
5 : 3,190,525
5 : 3,191,843
6 : 3,182,880
7 : 3,207,407
3,216,641
8 : 3,193,170
10 : 3,173,594
13 : 3,193,171
14 : 3,204,847
15 : 3,173,595
3,219,249
18 : 3,221,969
19 : 3,217,958
20 : 3,211,354
25 : 3,220,629
26 : 3,186,618
29 : 3,176,897
3,207,408
35 : 3,190,526
37 : 3,189,241
3,190,527
3,198,414
3,216,642
3,216,643
3,217,959
42 : 3,187,973
3,194,466
43 : 3,190,528
44 : 3,220,630
47 : 3,180,551
49 : 3,181,762
3,201,021
50 : 3,185,369
3,194,467
3,219,250
52 : 3,211,355
53 : 3,181,763
3,190,529
3,195,794
3,219,251
56 : 3,221,970
57 : 3,198,415

Class 229

1.5 : 3,164,314
.5 : 3,169,688
.5 : 3,169,689
.5 : 3,179,320
.5 : 3,181,764
.5 : 3,190,530
.5 : 3,194,468
.5 : 3,199,757
.5 : 3,203,611
.5 : 3,214,074
.5 : 3,215,325
.5 : 3,223,305
.5 : 3,226,000
2.5 : 3,184,133
.5 : 3,185,370
.5 : 3,185,371
.5 : 3,191,844
.5 : 3,199,758
.5 : 3,204,848
.5 : 3,207,409
.5 : 3,215,326
.5 : 3,215,327
.5 : 3,217,961
.5 : 3,217,962
.5 : 3,217,963
.5 : 3,220,631
.5 : 3,221,971
.5 : 3,223,306
3.1 : 3,182,881
.1 : 3,189,242
.1 : 3,194,469
.1 : 3,207,410
.5 : 3,172,593
.5 : 3,181,765
.5 : 3,185,372
.5 : 3,189,243
.5 : 3,209,977
4.5 : 3,167,230
.5 : 3,178,087
.5 : 3,178,088
.5 : 3,182,882
.5 : 3,186,619
.5 : 3,202,334
.5 : 3,215,328
.5 : 3,224,659
5.5 : 3,165,252
.5 : 3,197,107
.5 : 3,217,964
.7 : 3,179,321
.7 : 3,186,620
.7 : 3,187,974
6 : 3,175,748
3,176,898
3,179,322
3,204,849
3,207,411
3,217,965
3,219,252
7 : RE.25,938
3,166,226
7 : 3,171,580
3,180,552
3,184,134
3,190,531
3,194,470
3,195,795
3,215,329
3,226,001
8 : 3,190,532
3,224,660
14 : 3,166,227
3,169,690
3,179,323
3,181,766
3,182,883
3,182,884
3,182,885
3,184,135
3,184,136
3,187,975
3,190,533
3,194,471
3,195,796
3,198,416
3,202,335
3,206,093
3,206,094
3,208,658
3,209,978
3,215,330
3,215,331
3,220,632
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3,221,973
3,226,002
15 : 3,166,228
3,189,244
3,199,759
3,201,022
3,203,612
3,206,095
3,209,979
16 : 3,170,615
3,170,616
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3,214,075
3,219,253
17 : 3,164,315
3,167,231
3,167,232
3,168,233
3,172,594
3,175,749
3,175,750
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3,178,090
3,178,091
3,180,553
3,181,767
3,184,137
3,184,138
3,185,373
3,185,374
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3,185,376
3,185,377
3,186,621
3,187,977
3,187,978
3,189,246
3,190,534
3,199,761
3,202,336
3,203,614
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3,204,250
3,204,850
3,207,412
3,207,413
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3,226,003
19 : 3,204,851
3,215,332
20 : 3,204,852
22 : 3,173,596
3,178,092
3,185,378
3,216,644
3,217,968
23 : 3,167,233
3,167,234
3,170,617
3,181,768
3,184,139
3,184,140
3,185,379
3,193,172
3,193,173
23 : 3,194,472
3,197,108
3,204,853
3,211,356
3,212,696
3,214,076
27 : 3,166,229
3,186,622
3,195,797
3,199,762
3,208,079
3,208,659
28 : 3,173,597
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3,175,751
3,179,324
3,180,554
3,181,769
3,184,141
3,184,142
3,184,143
3,185,380
3,187,979
3,189,247
3,201,023
3,206,097
3,209,980
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3,219,254
3,223,307
3,226,004
29 : 3,167,235
3,176,899
30 : 3,181,770
3,193,174
3,201,024
31 : 3,176,900
3,182,913
3,189,248
3,193,175
32 : 3,174,674
3,191,845
3,202,337
33 : 3,165,253
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3,226,005
34 : 3,182,886
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35 : 3,181,771
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36 : 3,166,230
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37 : 3,166,231
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3,178,095
3,182,887
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3,189,249
3,190,535
3,191,847
3,194,473
3,194,474
3,195,798
3,197,109
3,197,112
3,199,763
3,199,764
38 : 3,167,236
3,194,475
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3,198,417
39 : 3,176,901
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3,202,339
3,203,617
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3,219,255
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40 : RE.25,856
3,169,691
3,176,902
3,179,325
3,184,145
3,190,536
3,194,476
3,194,477
3,198,418
3,199,765
3,203,618
3,211,359
3,219,256

40 : 3,223,308
41 : 3,174,675
3,180,555
3,184,146
3,193,176
42 : 3,187,981
3,194,478
3,197,111
43 : 3,194,479
3,203,619
3,207,415
44 : 3,173,600
3,182,889
3,193,177
3,204,854
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3,207,416
45 : 3,190,537
47 : 3,168,973
3,189,250
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48 : 3,209,981
49 : 3,197,113
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51 : 3,164,316
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3,166,232
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3,168,974
3,168,975
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3,175,752
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3,185,382
3,186,623
3,186,624
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3,187,983
3,189,251
3,191,848
3,193,179
3,195,799
3,195,800
3,197,114
3,197,115
3,206,101
3,206,102
3,206,103
3,207,417
3,209,982
3,214,078
3,214,079
3,215,333
3,215,334
3,217,969
3,219,257
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52 : 3,166,235
3,181,772
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3,185,383
3,194,480
3,197,116
3,197,117
3,202,340
3,206,104
3,216,645
3,221,976
3,221,977
53 : 3,171,581
3,173,601
3,186,625
3,198,419
3,201,027
3,204,855
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3,221,978
54 : 3,180,557
3,190,538
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3,207,418
3,220,634
55 : 3,175,753
3,191,849

55 : 3,206,105
3,207,419
56 : 3,173,602
3,207,420
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3,223,311
57 : 3,203,620
3,212,697
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3,220,636
3,221,979
58 : 3,185,384
60 : 3,199,767
62 : 3,170,619
3,186,626
3,190,539
3,194,481
3,203,621
3,203,622
3,212,698
3,214,081
3,217,970
3,217,971
.5 : 3,167,241
.5 : 3,180,558
.5 : 3,186,627
.5 : 3,187,984
.5 : 3,189,252
.5 : 3,191,850
.5 : 3,193,180
.5 : 3,195,801
.5 : 3,197,118
.5 : 3,197,119
.5 : 3,201,029
.5 : 3,203,623
.5 : 3,209,984
.5 : 3,214,082
.5 : 3,216,647
.5 : 3,220,601
65 : 3,201,030
66 : 3,173,603
3,179,327
3,184,149
3,186,628
3,189,253
3,215,335
3,215,336
3,226,009
68 : 3,167,242
3,170,620
3,176,905
3,187,985
3,187,986
3,198,420
3,199,768
69 : 3,181,773
3,208,662
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3,214,083
3,219,258
70 : 3,181,774
71 : 3,194,482
3,221,980
72 : 3,169,692
3,186,629
3,195,802
3,207,421
3,224,661
73 : 3,164,317
3,167,243
3,184,150
3,190,540
74 : 3,199,769
76 : 3,220,637
77 : 3,171,582
85 : 3,171,583
86 : 3,178,097
3,182,892
3,194,483
3,197,120
3,215,337
87 : 3,182,893
3,187,987
3,193,181
3,195,803
3,215,338
3,226,010
92.1 : 3,197,121
.1 : 3,217,972
.3 : Re.25,872
.7 : 3,182,894
.8 : 3,189,254
.8 : 3,190,541
.8 : 3,193,182
.8 : 3,223,312
.9 : 3,187,988

Class 230

1 : 3,187,989
3,216,648
3,216,649
2 : 3,226,011
3 : 3,195,804

9 : 3,195,805
10 : 3,207,422
11 : 3,219,259
15 : 3,214,084
21 : 3,174,677
3,198,421
22 : 3,204,857
3,224,662
26 : 3,186,630
3,186,631
27 : 3,199,770
29 : 3,224,663
30 : 3,166,236
31 : 3,175,754
3,184,151
3,193,183
3,193,184
3,209,985
45 : 3,171,584
3,172,595
3,212,699
47 : 3,178,098
3,199,771
3,211,360
49 : 3,204,858
3,208,664
52 : 3,194,484
3,215,339
53 : 3,201,031
55 : 3,171,585
3,187,990
3,216,650
56 : 3,172,596
3,182,895
3,200,249
3,204,859
3,214,085
3,216,651
57 : 3,194,485
58 : 3,187,991
3,187,992
3,189,255
3,189,256
3,189,257
3,189,258
3,194,486
3,206,106
69 : 3,164,318
3,164,320
3,169,693
3,172,597
3,174,678
3,176,906
3,176,907
3,181,775
3,186,632
3,190,542
3,195,806
3,197,122
3,198,422
3,204,860
3,206,107
3,207,423
3,209,986
3,211,361
3,214,086
3,216,652
3,217,973
3,217,974
3,221,981
3,224,664
79 : 3,209,987
3,217,975
92 : 3,204,861
95 : 3,174,679
3,204,862
3,216,653
101 : 3,165,255
3,181,776
3,182,896
3,203,624
3,224,665
103 : 3,212,700
114 : 3,197,123
3,204,863
116 : 3,165,256
3,166,237
3,179,328
3,182,897
3,182,898
3,199,772
3,202,341
3,211,362
3,216,654
3,219,260
3,221,982
117 : 3,168,977
3,170,621
3,175,755
3,178,099
3,182,899
3,190,543
3,199,773
3,199,774

117 : 3,202,342
3,209,988
3,211,363
3,219,261
3,219,262
3,220,638
3,223,313
3,226,012
118 : 3,168,978
119 : 3,189,259
120 : 3,168,235
3,169,694
3,173,604
3,173,605
3,189,260
3,193,185
3,224,666
121 : 3,198,423
122 : 3,189,261
3,194,487
3,219,263
125 : 3,168,979
3,178,100
3,181,777
3,208,665
3,209,989
127 : 3,165,257
3,174,680
3,184,152
3,191,851
3,202,343
3,217,976
3,221,983
130 : 3,175,756
3,224,667
134 : 3,164,319
3,165,258
3,171,586
3,174,681
3,175,757
3,178,101
3,179,329
3,181,778
3,184,153
3,190,544
3,195,807
3,197,124
3,201,032
3,211,364
3,224,668
3,224,669
137 : 3,184,154
3,185,385
138 : 3,176,908
3,207,424
139 : 3,178,102
3,184,155
140 : 3,189,262
141 : 3,182,900
3,207,425
3,214,087
142 : 3,180,559
143 : 3,166,238
3,179,330
3,209,990
145 : 3,169,695
3,171,587
3,176,909
3,176,910
3,178,103
3,180,560
3,180,561
3,180,562
3,180,563
3,180,564
3,185,386
3,185,387
3,189,263
3,193,186
3,193,187
3,193,188
3,193,189
3,194,488
3,194,489
3,197,125
3,197,126
3,207,426
3,208,666
3,215,340
3,223,476
3,226,013
150 : 3,180,565
151 : 3,217,977
152 : 3,184,156
3,187,993
3,191,852
3,191,853
3,193,190
3,201,033
153 : 3,201,034
158 : 3,173,606
3,193,191
3,226,014
160 : 3,180,566

160 : 3,195,808
170 : 3,166,239
172 : 3,181,779
3,204,864
174 : 3,198,425
183 : 3,190,545
186 : 3,215,341
190 : 3,175,758
3,186,633
202 : 3,176,911
3,209,991
205 : 3,176,912
3,191,854
206 : 3,171,588
3,171,589
3,180,567
3,182,901
3,187,994
3,194,490
3,204,865
3,209,992
3,211,365
3,217,978
207 : 3,165,259
3,166,240
3,168,236
3,169,696
3,171,590
3,176,913
3,176,914
3,178,104
3,179,331
3,180,568
3,184,157
3,189,264
3,208,667
3,214,088
3,221,984
208 : 3,220,639
209 : 3,180,569
210 : 3,168,237
3,176,915
3,176,916
3,193,192
3,206,108
3,206,109
211 : 3,215,342
212 : 3,206,110
215 : 3,173,607
3,176,917
228 : 3,185,388
232 : 3,187,995
3,187,996
3,193,193
3,197,127
3,202,344
233 : 3,174,682
234 : 3,197,128
235 : 3,182,902
3,185,389
3,215,343
254 : 3,180,570
259 : 3,197,129
270 : 3,180,571
3,209,993
3,220,640
274 : 3,168,238

Class 232

1 : 3,171,591
3,175,759
3,181,780
3,201,035
3,202,345
3,209,994
2 : 3,211,366
5 : 3,181,781
3,223,314
15 : 3,206,111
3,214,089
17 : 3,181,782
19 : 3,189,265
33 : 3,208,668
34 : 3,166,241
35 : 3,168,239
3,176,918
3,191,855
3,194,491
3,207,427
3,212,701
43.1 : 3,182,903
.1 : 3,197,130
.1 : 3,224,670
.2 : 3,175,760
.2 : 3,179,332
.2 : 3,198,426
.2 : 3,204,866
.2 : 3,211,367
.2 : 3,214,090
.2 : 3,226,015
.3 : 3,202,346
.3 : 3,204,867
45 : 3,175,761

57.5 : 3,207,428

Class 233

1 : 3,211,368
3,212,843
3 : 3,191,856
3,209,995
4 : 3,166,503
7 : 3,172,851
3,178,105
3,187,997
3,194,492
3,211,369
3,217,979
11 : 3,175,762
13 : 3,219,264
14 : 3,201,036
3,204,868
15 : 3,179,333
3,187,998
3,189,266
3,202,347
3,217,980
3,221,985
3,221,986
19 : 3,168,472
3,217,981
20 : 3,167,509
3,179,334
3,189,267
3,190,546
3,190,547
3,193,194
21 : 3,195,809
23 : 3,226,016
24 : 3,223,315
25 : 3,199,775
26 : 3,168,473
3,202,348
27 : 3,165,474
3,189,268
3,216,655
3,219,265
28 : 3,219,266
32 : 3,185,390
33 : 3,168,474
47 : 3,217,982

Class 234

1 : 3,220,641
3 : 3,172,598
3,184,158
3,191,857
4 : 3,197,131
5 : 3,182,904
3,226,017
6 : 3,171,592
7 : 3,219,267
10 : 3,197,132
15 : 3,167,244
17 : 3,175,763
18 : 3,164,321
3,198,427
3,216,656
19 : 3,174,683
23 : 3,194,493
36 : 3,217,983
39 : 3,203,625
45 : 3,189,269
3,202,349
50 : 3,211,370
3,224,671
55 : 3,191,858
67 : 3,209,996
78 : 3,165,260
90 : 3,171,593
102 : 3,212,702
108 : 3,178,106
3,182,905
112 : 3,186,634
115 : 3,189,270
3,194,494
117 : 3,206,112
119 : 3,169,697
3,181,783
3,187,999
3,198,428
128 : 3,188,000
3,190,548
129 : 3,221,987
131 : 3,188,001

Class 235

1 : 3,168,980
3,180,572
3,186,635
3,219,268
3,223,316
2 : 3,181,784
3 : 3,186,636
6 : 3,186,637

23 : 3,179,335
3,220,642
30 : 3,201,037
3,209,997
50 : 3,170,622
3,191,859
3,201,038
3,201,039
3,214,091
3,226,018
3,226,019
51 : 3,169,698
3,181,785
3,186,638
3,214,092
54 : 3,168,240
3,170,623
3,174,684
3,174,685
3,188,002
3,190,549
3,207,429
3,212,703
3,221,988
3,223,317
56 : 3,178,107
58 : Re.25,768
3,168,981
3,170,624
3,211,371
3,219,269
59 : 3,202,350
60 : 3,184,159
3,186,639
3,186,640
3,188,003
3,195,810
3,197,133
3,212,704
3,212,705
3,214,093
3,216,657
3,223,318
.15: 3,170,625
.15: 3,181,786
.15: 3,184,160
.15: 3,194,495
.47: 3,171,594
.47: 3,190,550
61 : 3,166,242
3,166,243
3,166,244
3,167,245
3,167,246
3,169,699
3,169,700
3,170,626
3,178,108
3,180,573
3,182,907
3,185,391
3,189,271
3,189,272
3,190,551
3,193,195
3,195,811
3,197,134
3,198,429
3,206,113
3,206,114
3,208,669
3,209,998
3,220,643
3,224,672
.11: 3,171,020
.11: 3,173,000
.11: 3,184,581
.11: 3,184,582
.11: 3,187,165
.11: 3,187,166
.11: 3,188,450
.11: 3,189,730
.11: 3,189,731
.11: 3,191,007
.11: 3,191,008
.11: 3,196,256
.11: 3,197,619
.11: 3,198,935
.11: 3,200,240
.11: 3,201,570
.11: 3,201,571
.11: 3,209,129
.11: 3,210,527
.11: 3,211,895
.11: 3,215,819
.11: 3,215,820
.11: 3,217,141
.11: 3,217,142
.11: 3,218,440
.11: 3,218,441
.11: 3,221,146
.11: 3,221,147
.11: 3,222,502
.11: 3,225,177

Class 235—Con.

61.11: 3,226,529
.11: 3,226,530
.12: 3,171,021
.12: 3,189,732
.12: 3,193,665
.12: 3,206,592
.12: 3,218,442
.12: 3,221,148
.5 : 3,185,817
.5 : 3,218,438
.6 : 3,168,643
.6 : 3,171,951
.6 : 3,194,946
.6 : 3,197,618
.6 : 3,206,591
.7 : 3,174,029
.7 : 3,191,006
.7 : 3,201,569
.7 : 3,217,140
.7 : 3,218,439
.7 : 3,222,501
.7 : 3,225,175
.7 : 3,225,176
.9 : 3,185,818
.9 : 3,200,239
.9 : 3,204,086
62 : 3,217,984
63 : 3,173,608
3,207,430
3,214,094
3,214,095
64.7 : 3,199,776
70 : 3,188,004
3,197,135
3,209,999
78 : 3,181,787
3,199,777
3,215,344
3,220,644
79.5 : 3,202,351
80 : 3,220,645
83 : 3,202,352
84 : 3,206,115
3,226,020
86 : 3,195,812
87 : 3,199,778
89 : 3,172,599
3,184,161
3,212,706
90 : 3,195,813
91 : 3,165,261
3,178,109
3,199,779
3,206,116
3,216,658
3,219,270
3,220,646
92 : 3,168,644
3,171,952
3,171,953
3,178,562
3,179,790
3,180,975
3,184,583
3,185,819
3,185,820
3,188,451
3,189,733
3,196,257
3,197,620
3,200,241
3,202,802
3,202,803
3,209,130
3,213,267
3,214,573
3,214,574
3,217,143
3,217,144
3,217,145
3,219,801
3,219,802
3,219,803
3,219,804
3,219,805
3,221,149
3,221,150
3,222,503
3,223,830
3,225,178
3,226,531
95 : 3,166,245
3,198,430
3,202,353
96 : 3,226,021
97 : 3,179,336
98 : 3,170,627
3,174,686
3,193,196
3,197,136
3,214,096
3,223,319
101 : 3,180,574
3,207,431
103.5 : 3,197,137
.5 : 3,212,707
108 : 3,223,320
113 : 3,195,814
114 : 3,212,708
3,223,321
3,226,022
117 : 3,189,273
3,204,869
3,223,322
125 : 3,164,322
128 : 3,207,432
130 : 3,168,241
3,182,906
3,194,496
132 : 3,182,908
3,190,552
3,195,815
3,199,780
3,201,040
3,202,354
3,203,626
3,224,673
134 : 3,210,000
136 : 3,189,274
138 : 3,217,985
139 : 3,184,162
3,207,433
144 : 3,178,110
3,178,111
3,184,163
3,188,005
3,216,659
3,221,989
3,223,323
145 : 3,169,701
3,214,097
146 : 3,169,702
3,203,627
150 : 3,171,022
3,174,030
3,185,821
3,194,947
.1 : 3,221,151
151 : 3,176,119
3,176,120
3,177,346
3,177,347
3,177,348
3,178,563
3,188,452
3,194,948
3,194,949
3,198,936
3,201,572
3,201,573
3,202,804
3,204,087
3,211,896
3,214,575
3,215,821
3,217,146
3,225,179
.13: 3,221,152
.13: 3,222,504
.22: 3,219,806
.33: 3,225,180
152 : 3,177,349
3,177,350
3,197,621
3,204,088
3,221,153
153 : 3,177,351
3,185,822
3,191,009
3,192,362
3,193,666
3,193,667
3,196,258
3,196,259
3,200,242
3,219,807
3,221,154
154 : 3,167,644
3,173,001
3,178,564
3,185,823
3,185,824
3,189,734
3,193,668
3,194,950
3,194,951
3,197,622
3,198,937
3,205,344
3,211,897
3,213,268
3,217,147
3,221,155
155 : 3,170,062
3,185,825
3,191,010
155 : 3,210,528
156 : 3,167,645
3,183,342
3,191,011
157 : 3,166,668
158 : 3,225,181
159 : 3,187,167
160 : 3,169,185
3,221,156
164 : Re.25,724
3,182,180
3,182,181
3,191,012
3,191,013
3,192,363
3,192,364
3,192,365
3,192,366
3,192,367
3,193,669
3,198,938
3,202,805
3,209,131
3,217,148
3,221,157
3,221,158
3,223,831
3,225,182
3,226,532
165 : 3,167,646
167 : 3,222,505
3,225,183
168 : 3,214,576
169 : 3,189,735
3,222,506
3,226,533
173 : 3,196,260
3,197,623
3,226,534
174 : 3,207,888
175 : 3,166,669
3,170,063
3,185,826
3,188,453
3,191,014
3,192,368
3,192,369
3,197,624
3,198,939
3,201,574
3,202,806
3,209,132
3,215,822
176 : 3,192,370
3,196,261
3,210,529
177 : 3,196,262
179 : 3,209,133
180 : 3,178,565
3,188,454
3,218,443
181 : 3,174,031
3,174,032
3,197,625
3,209,134
3,211,898
3,211,899
3,221,159
183 : 3,177,352
3,187,168
3,188,455
3,191,015
3,192,371
3,196,263
3,217,149
3,218,444
184 : 3,171,954
3,173,002
3,205,345
3,207,889
185 : 3,191,016
187 : 3,196,264
3,198,940
3,205,346
3,215,823
3,217,150
189 : 3,180,976
3,180,977
3,187,169
191 : 3,198,941
193 : 3,167,647
3,167,648
3,173,003
3,192,372
3,193,670
3,193,671
3,215,824
3,226,535
.5 : 3,205,347
194 : 3,167,649
3,168,645
3,188,456
3,191,017
3,192,373
194 : 3,193,672
3,202,807
3,202,808
3,211,900
3,215,825
3,217,151
3,218,445
3,219,808
195 : 3,174,033
3,197,626
196 : 3,182,182
3,202,809
3,205,348
3,209,135
3,222,507
3,222,508
197 : 3,171,023
3,178,566
3,182,183
3,185,827
3,192,374
3,197,627
3,201,575
3,202,810
3,205,349
3,210,530
3,211,901
3,217,152
3,221,160
200 : 3,165,262
3,175,764
3,190,553
3,197,138
3,215,346
201 : 3,180,575
3,190,554
3,191,860
3,193,197
3,199,781
3,199,782
3,201,041
3,219,271
3,221,990
3,223,324
3,224,674
3,226,023

Class 236

1 : 3,166,246
3,167,247
3,170,628
3,170,629
3,170,630
3,172,600
3,178,112
3,179,337
3,181,788
3,182,909
3,189,275
3,193,198
3,194,497
3,197,139
3,197,140
3,201,042
3,201,043
3,206,117
3,207,434
3,214,098
3,215,347
3,216,660
3,220,647
3,226,024
9 : 3,171,595
3,210,001
3,214,099
3,216,662
3,220,648
3,223,325
10 : 3,181,789
12 : 3,175,765
3,181,790
3,207,435
13 : 3,179,338
3,198,431
14 : 3,223,326
15 : Re.25,722
3,167,248
3,169,703
3,185,392
3,191,861
3,193,199
3,210,002
3,211,372
3,212,709
3,216,661
20 : 3,211,373
21 : 3,172,601
3,198,432
33 : 3,201,044
34 : 3,167,249
3,173,609
3,179,339
3,182,910
34 : 3,182,911
3,184,164
3,189,276
3,207,436
3,207,437
.5 : 3,172,602
35 : 3,182,912
3,226,025
.2 : 3,210,003
38 : 3,185,393
3,220,649
40 : 3,186,641
43 : 3,191,862
44 : 3,173,610
3,181,791
3,194,498
3,198,433
3,206,118
45 : 3,206,119
3,208,670
46 : 3,193,200
47 : 3,212,710
48 : 3,166,247
3,190,555
56 : 3,197,141
59 : 3,169,704
3,175,766
3,220,650
3,226,026
68 : 3,166,248
3,167,250
3,167,251
3,171,596
3,176,919
3,206,120
3,215,348
74 : 3,167,252
75 : 3,168,242
3,203,628
79 : 3,176,920
3,186,642
80 : 3,167,253
87 : 3,212,711
3,221,991
91 : 3,174,687
92 : 3,167,254
3,170,631
3,181,792
3,194,499
93 : 3,219,272
98 : 3,207,438
99 : 3,191,863
3,212,712
3,215,349
100 : 3,165,263
101 : 3,180,576
3,189,277
3,210,004

Class 237

2 : 3,170,632
3,181,793
3,207,439
7 : 3,210,005
8 : 3,168,243
3,178,113
3,188,006
3,201,045
3,202,355
3,202,356
3,202,357
3,211,374
3,224,675
12.1 : 3,214,100
.3 : 3,168,244
.3 : 3,207,440
15 : 3,206,121
17 : 3,184,165
19 : 3,171,597
48 : 3,204,870
50 : 3,190,556
56 : 3,189,278
59 : 3,211,375
63 : 3,180,577
67 : 3,171,598
3,181,794
68 : 3,211,376
79 : 3,181,795

Class 238

1 : 3,226,027
4 : 3,199,783
10 : 3,190,557
3,206,122
3,223,327
14 : 3,202,358
25 : 3,223,328
79 : 3,172,603
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314 : 3,210,006
327 : 3,168,245
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330 : 3,193,201
349 : 3,164,323
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371 : 3,191,864

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1 : 3,202,359
3,211,377
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3 : 3,210,007
4 : Re.25,744
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3,226,029
8 : 3,176,921
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15 : 3,167,255
3,178,114
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17 : 3,175,767
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20 : 3,174,688
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22 : 3,168,246
25 : 3,208,671
33 : 3,168,982
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36 : 3,185,394
43 : 3,169,705
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47 : 3,207,441
55 : 3,204,871
63 : 3,182,914
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64 : 3,224,676
65 : 3,199,784
68 : 3,216,663
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77 : 3,164,324
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79 : 3,198,434
84 : 3,190,559
85 : 3,171,599
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88 : 3,165,264
90 : 3,190,561
92 : 3,207,442
97 : 3,220,653
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102 : 3,178,115
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107 : 3,214,102
108 : 3,203,629
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159 : 3,211,381
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189 : 3,175,770
195 : 3,168,248
206 : Re.25,942
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212 : 3,179,340
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216 : 3,181,796
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406 : 3,215,351
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412 : 3,188,010
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414 : 3,179,341
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415 : 3,197,145
422 : 3,174,693
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432 : 3,211,383
433 : 3,201,049
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443 : 3,190,563
444 : 3,176,924
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453 : 3,164,326

453 : 3,171,601
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468 : 3,182,916
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587 : 3,166,252
590 : 3,184,167
600 : 3,178,120
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602 : 3,175,772
3,186,646

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.2 : 3,188,457
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.44: 3,192,375
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20 : 3,204,091
22 : 3,221,162
25 : RE.25,900
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93 : 3,175,081
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128 : 3,164,327
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145 : 3,180,982
147 : 3,178,570
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151 : 3,196,269

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3 : 3,168,989
4 : 3,179,342
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5 : 3,178,121
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9 : 3,226,041
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16 : 3,168,253
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19 : 3,167,259
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20 : 3,185,398
21 : 3,164,328
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22 : 3,190,565
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23 : 3,172,546
3,201,052
24 : 3,165,267
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26 : 3,206,128
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27 : 3,204,879
29 : 3,204,880
30 : 3,165,269
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32.5 : 3,194,503
34 : 3,186,648
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36 : 3,182,917
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37 : 3,212,721
38 : 3,219,282
39 : 3,184,168
40 : 3,184,169
41 : 3,210,014
42 : 3,175,773
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46 : 3,168,255
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59 : 3,199,794
66 : 3,204,881
69 : 3,172,609
70 : 3,219,284
73 : 3,184,170
74 : 3,164,329
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176 : 3,216,666
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188 : 3,171,604
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190 : 3,166,256
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284 : 3,170,648
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294 : 3,199,799
296 : 3,171,606
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301 : 3,210,019

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47.01: 3,202,371
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67.3 : 3,175,780
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.3 : 3,179,350
.3 : 3,194,510
.3 : 3,198,454
.3 : 3,207,454
.3 : 3,212,726
.3 : 3,215,358
.4 : 3,224,702
71 : 3,222,007
.1 : 3,190,577
.2 : 3,181,806
.2 : 3,181,807
.2 : 3,193,210
.2 : 3,208,685
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.8 : 3,189,294
.8 : 3,203,637
.8 : 3,211,392
.8 : 3,220,663
72 : 3,188,017
3,197,153
3,214,109
3,223,341
.1 : 3,167,270
.1 : 3,198,455
.1 : 3,201,058
.1 : 3,206,135
74 : 3,167,271
3,169,722
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.1 : 3,195,828
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.1 : 3,220,664
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.2 : 3,207,455
.2 : 3,208,688
.2 : 3,223,342
75.1 : 3,202,376
.4 : 3,208,689
.43: 3,164,333
.43: 3,193,211
.43: 3,203,638
.43: 3,222,008
.47: 3,214,110
.5 : 3,189,295
.5 : 3,202,377
.51: 3,174,701
.51: 3,219,291
.53: 3,165,277
76 : 3,181,808
3,220,666
78 : 3,199,805
.1 : 3,206,136
.1 : 3,216,671
.1 : 3,218,000
.1 : 3,223,343
.6 : 3,172,614
.6 : 3,216,672
.7 : 3,223,344
.8 : 3,218,001
.8 : 3,226,050
79 : 3,185,404
3,186,655
3,197,154
80 : 3,223,345
82 : 3,211,394
3,214,111
83 : 3,168,259
3,172,615
3,203,639
84.1 : 3,164,334
.1 : 3,165,278
.1 : 3,176,929
.1 : 3,186,656
.1 : 3,202,378
.1 : 3,215,359
.2 : 3,166,267
.2 : 3,175,781
.2 : 3,176,930
.2 : 3,185,405
.2 : 3,190,578
.2 : 3,195,829
.2 : 3,198,456
.2 : 3,222,010
.2 : 3,223,346
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.21: 3,195,830
.21: 3,222,009
.21: 3,223,348
.21: 3,224,703
84.21: 3,226,051
.3 : 3,175,782
.44: 3,166,268
.44: 3,171,609
.45: 3,184,179
.45: 3,198,457
.45: 3,215,360
.45: 3,223,349
.5 : 3,185,406
.54: 3,166,269
.54: 3,167,272
.54: 3,220,667
.54: 3,226,052
.8 : 3,186,657
85.1 : 3,174,702
.1 : 3,179,351
.1 : 3,216,670
86 : 3,168,260
3,184,180
.5 : 3,178,127
.5 : 3,195,831
.5 : 3,215,361
.51: 3,168,261
.52: 3,223,350
.6 : 3,168,994
.7 : 3,203,640
94 : 3,207,456
95 : 3,224,704
96 : 3,169,723
3,174,703
3,185,407
105 : 3,224,705
107 : 3,193,212
.1 : 3,197,155
.13: 3,224,706
.2 : 3,178,128
.4 : 3,174,704
.4 : 3,189,296
.4 : 3,190,579
.4 : 3,202,379
.4 : 3,203,641
.4 : 3,206,137
.4 : 3,220,668
.4 : 3,226,053
.7 : 3,176,931
110.1 : 3,171,610
.1 : 3,171,611
.3 : 3,201,060
115 : 3,201,061
117 : 3,212,727
118.32: 3,190,580
.4 : 3,175,783
.6 : 3,214,112
.61: 3,173,624
.62: 3,173,625
.8 : 3,176,932
.8 : 3,215,362
.8 : 3,222,011
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128 : 3,172,616
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3,178,129
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3,199,807
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3,214,113
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.5 : 3,172,617
.6 : 3,195,832
.6 : 3,211,395
.71: 3,203,643
.8 : 3,168,995
.8 : 3,170,654
.8 : 3,218,003
.8 : 3,224,708
130 : 3,165,279
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.1 : 3,210,024
.2 : 3,195,833
.2 : 3,197,156
131 : 3,168,996
3,208,690
147 : 3,164,335
150 : 3,206,138
154 : 3,191,885
3,199,808
3,223,351
156.2 : 3,211,396
.2 : 3,223,352
157 : 3,182,926
.1 : 3,206,139
158 : 3,164,336
3,166,270
.2 : 3,218,004
163 : 3,178,130
164 : 3,214,114
165 : 3,172,619
168 : 3,186,660

Class 243

1 : 3,201,062
16 : 3,226,054
19 : 3,189,297
3,201,063
3,226,055
28 : 3,208,691
29 : 3,206,140
3,223,353
35 : 3,188,018
3,201,064

Class 244

1 : 3,168,263
3,169,724
3,169,725
3,171,612
3,173,626
3,173,627
3,174,705
3,174,706
3,176,933
3,180,587
3,181,809
3,182,927
3,182,928
3,189,298
3,189,299
3,190,581
3,193,213
3,201,065
3,202,381
3,203,644
3,204,889
3,206,141
3,206,142
3,210,025
3,210,026
3,212,730
3,214,115
3,215,365
3,219,292
3,224,709
2 : 3,226,056
3 : 3,204,890
3,208,692
7 : 3,166,271
3,179,352
3,181,810
3,184,181
3,185,408
3,197,157
3,207,457
3,215,366
12 : 3,164,337
3,165,280
3,167,273
3,168,997
3,171,613
3,172,116
3,173,628
3,174,707
3,176,934
3,179,353
3,179,354
3,181,811
3,182,929
3,190,582
3,193,214
3,193,215
3,199,809
3,212,731
3,216,673
3,220,669
3,223,354
3,223,355
13 : 3,167,274
3,215,367
3,223,356
14 : 3,164,338
3,164,339
3,167,275
3,168,264
3,169,726
3,169,727
3,170,655
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3,179,355
3,181,812
3,181,813
3,181,814
3,182,930
3,184,182
3,188,019
3,189,300
3,193,216
3,194,511
3,202,382
14 : 3,206,143
3,206,144
3,215,368
3,216,674
3,219,293
3,219,294
3,223,357
3,224,710
3,226,057
3,226,058
15 : 3,178,131
3,215,369
17.11: 3,175,785
.11: 3,181,815
.11: 3,185,409
.11: 3,215,370
.13: 3,175,786
.13: 3,223,359
.17: 3,181,816
.17: 3,182,931
.17: 3,189,301
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.17: 3,223,358
.17: 3,226,059
.19: 3,171,614
.19: 3,211,397
.19: 3,211,398
.21: 3,189,302
.23: 3,185,410
.23: 3,201,068
.23: 3,206,145
.23: 3,210,027
.23: 3,211,399
.25: 3,174,708
.25: 3,188,020
23 : 3,168,998
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3,179,356
3,184,183
3,191,886
3,193,217
3,194,512
3,194,513
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25 : 3,180,588
30 : 3,180,589
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31 : 3,176,935
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3,195,834
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41 : 3,184,184
42 : 3,166,272
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3,180,591
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3,191,887
3,195,836
3,202,383
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3,208,693
43 : 3,184,187
3,204,892
3,218,005
44 : 3,172,621
3,179,357
45 : 3,188,022
46 : 3,170,657
3,173,629
3,203,650
3,206,146
3,212,732
48 : 3,190,583
49 : 3,165,281
3,185,412
3,194,514
3,197,158
3,198,458
50 : 3,173,630
3,188,023
3,208,694
3,211,400
3,218,006
3,226,061
51 : 3,222,012
52 : 3,166,273
3,188,024
3,190,584
53 : 3,168,999
53 : 3,172,622
3,181,817
3,181,818
3,186,661
3,199,810
3,211,401
3,212,734
3,224,712
54 : 3,194,515
3,201,069
3,201,070
3,212,733
55 : 3,172,623
3,188,025
3,191,888
3,195,837
56 : 3,201,071
58 : 3,203,651
62 : 3,191,889
3,215,371
63 : 3,178,132
3,181,819
3,185,413
73 : 3,198,459
3,212,735
74 : 3,194,516
3,215,372
3,215,373
75 : 3,166,274
3,176,936
3,190,585
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76 : 3,166,275
3,168,265
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3,175,787
3,193,218
3,199,811
3,204,893
77 : 3,164,340
3,166,276
3,167,276
3,169,730
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3,190,586
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3,219,295
3,220,672
3,222,013
3,223,362
3,223,363
78 : 3,171,618
3,180,592
3,195,838
3,223,364
79 : 3,165,282
3,193,220
83 : 3,169,731
3,173,631
3,197,159
3,219,296
87 : 3,181,820
3,207,458
90 : 3,223,365
3,223,366
93 : 3,226,062
98 : 3,170,658
3,195,839
100 : 3,173,632
3,175,789
3,181,821
3,193,221
101 : 3,184,189
102 : 3,171,619
3,173,633
3,188,026
3,195,840
3,198,461
3,224,713
103 : 3,169,001
3,178,135
3,182,934
104 : 3,214,116
106 : 3,190,587
107 : 3,176,937
110 : RE.25,887
3,167,277
3,169,002
3,169,732
110 : 3,172,625
3,172,626
3,179,358
3,182,935
3,191,890
3,191,891
3,207,459
3,212,736
3,215,375
3,220,673
111 : 3,176,938
113 : 3,222,014
114 : 3,173,634
3,181,822
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3,226,063
118 : 3,176,939
3,176,940
120 : 3,171,620
121 : 3,190,588
3,194,517
122 : 3,169,003
3,170,659
3,173,635
3,175,790
3,178,136
3,179,359
3,179,360
3,180,593
3,186,662
3,190,589
3,191,892
3,202,384
3,202,385
3,214,117
3,214,118
3,215,376
3,219,297
123 : 3,174,711
3,195,841
129 : 3,166,277
3,174,712
130 : 3,175,791
3,194,518
134 : 3,215,377
135 : 3,199,812
3,199,813
3,208,696
136 : 3,190,590
3,204,895
3,204,896
3,220,674
137 : 3,167,278
3,181,823
3,212,737
138 : 3,168,266
3,168,267
3,181,824
3,194,519
3,202,386
3,224,714
141 : 3,222,015
145 : 3,167,279
3,173,636
3,193,222
3,195,842
3,199,814
3,218,007
3,222,016
147 : 3,176,941
3,188,027
149 : 3,193,223
152 : 3,170,660
3,170,661
3,173,637
153 : 3,193,224
3,194,520
154 : 3,194,521
155 : 3,208,697

Class 245

1 : 3,167,280
.5 : 3,170,662
2 : 3,185,414
3,197,160
6 : 3,202,387
8 : 3,167,281
3,175,792
10 : 3,186,663
3,191,893
3,216,677

Class 246

2 : 3,168,268
3 : 3,211,907
3,213,275
3,219,814
3,219,815
4 : 3,218,452
3,225,190
30 : 3,169,733
3,201,583
30 : 3,205,352
34 : 3,217,158
63 : 3,172,627
3,202,816
3,218,453
77 : 3,169,734
123 : 3,176,125
124 : 3,167,282
125 : 3,176,126
169 : 3,164,341
3,169,735
3,177,359
3,183,349
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3,197,632
3,201,584
3,206,596
3,226,540
182 : 3,166,278
3,169,736
3,171,621
3,172,628
3,172,629
3,175,082
3,182,188
3,182,189
3,188,463
3,200,245
3,200,246
3,214,581
3,217,159
3,218,454
3,226,541
187 : 3,192,382
3,218,455
3,218,456
220 : 3,176,127
246 : 3,178,571
3,188,464
249 : 3,168,269
3,210,539
255 : 3,219,816
415 : 3,193,675
428 : 3,194,960
3,204,094
3,223,835
441 : 3,166,279

Class 248

1 : 3,167,283
3,216,678
2 : 3,197,161
3 : 3,164,342
4 : 3,220,675
5 : 3,168,270
3,190,591
3,204,897
3,222,017
8 : 3,202,388
9 : 3,180,594
10 : 3,171,622
13 : 3,184,190
3,191,894
3,208,698
3,208,699
14 : 3,215,378
15 : 3,220,676
16 : 3,181,825
3,198,460
3,212,738
3,226,064
18 : 3,169,737
3,194,522
3,206,147
3,206,148
19 : 3,191,895
20 : 3,172,630
3,190,592
3,208,700
3,216,679
21 : 3,185,415
22 : 3,189,303
3,191,896
3,218,008
23 : 3,197,162
3,197,163
25 : 3,186,664
3,190,593
3,212,739
26 : 3,191,897
27 : 3,171,623
3,180,595
3,184,191
3,193,226
3,198,462
3,207,460
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.8 : 3,164,343
.8 : 3,208,701
28 : 3,166,280
3,176,942

28 : 3,178,137
3,186,665
3,222,018
29 : 3,165,283
3,224,715
30 : 3,176,943
31 : 3,169,738
3,188,028
32 : 3,216,680
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33 : 3,179,361
3,180,596
39 : 3,164,344
40 : 3,167,284
3,169,739
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3,193,227
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3,226,066
42 : 3,184,192
3,190,594
43 : 3,178,139
3,191,898
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3,208,703
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3,226,067
3,226,068
44 : 3,182,936
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3,204,898
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45 : 3,182,937
46 : 3,169,740
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48.2 : 3,189,304
49 : 3,169,741
3,170,663
3,218,009
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51 : 3,218,010
52 : 3,220,678
54 : 3,167,285
3,179,362
3,185,417
3,194,523
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3,203,654
56 : 3,204,900
58 : 3,212,741
59 : 3,170,664
3,199,815
60 : 3,188,029
3,216,682
61 : 3,173,638
62 : 3,167,286
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3,191,899
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3,218,012
63 : 3,165,284
3,182,938
3,219,298
65 : 3,165,285
3,173,639
67.5 : 3,198,464
68 : 3,164,345
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3,180,598
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71 : 3,169,004
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72 : 3,181,826
3,185,418
73 : 3,182,939
3,185,419
3,197,164
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3,210,032
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74 : 3,169,005
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3,195,843
3,204,901

74 : 3,210,033
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75 : 3,165,286
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79 : 3,204,902
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87 : 3,198,465
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94 : 3,171,625
95 : 3,179,363
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96 : 3,191,900
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97 : 3,186,667
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99 : 3,175,793
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101 : 3,218,014
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104 : 3,180,600
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108 : 3,166,281
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113 : 3,178,141
115 : 3,176,946
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117.1 : 3,212,742
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122 : 3,171,626
123 : 3,214,119
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125 : 3,181,828
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129 : 3,168,271
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139 : 3,168,272
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146 : 3,169,742
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147 : 3,176,949
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154 : 3,211,404
156 : 3,199,818
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158 : 3,184,195
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159 : 3,164,347
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166 : 3,219,300
167 : 3,215,381
168 : 3,178,143
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169 : 3,190,596
170 : 3,173,642
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171 : 3,164,348
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172 : 3,215,382
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176 : 3,168,274
183 : 3,180,603
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187 : 3,184,196
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.4 : 3,206,151
.5 : 3,164,351
.5 : 3,191,902
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.8 : 3,211,407
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201 : 3,172,632
203 : 3,188,034
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204 : 3,174,713
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205 : 3,168,275
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210 : 3,182,943
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214 : 3,164,352
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220 : 3,219,302
221 : 3,190,600
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223 : 3,175,796
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3,214,404
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224 : 3,165,287
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71 : RE.25,821
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.15: 3,191,908
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52 : 3,164,368
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56 : 3,193,251
59 : 3,176,959
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67 : 3,180,615
71 : 3,197,177
77 : 3,164,370
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164 : 3,226,085

Class 254

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75 : 3,218,031
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133 : 3,174,724
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167 : 3,198,487
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198 : 3,189,323

Class 256

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57 : 3,169,750
64 : 3,168,288
65 : 3,182,963
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Class 258

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.2 : 3,207,480
.4 : 3,211,429

Class 259

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96 : 3,179,384
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Class 260

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3,218,046
64 : 3,193,260
3,214,151
65 : 3,168,599
3,174,730
3,216,707
67 : 3,174,731
3,181,843
69 : 3,170,006
3,172,923
3,174,732
3,189,333
3,220,710
3,222,039
71 : 3,218,047
78 : 3,223,394
92 : 3,190,624
93 : 3,189,334
94 : 3,167,600

Class 261 – Con.

94 : 3,170,969
3,218,048
3,222,040
3,222,041
95 : 3,219,324
97 : 3,191,915
111 : 3,216,708
112 : 3,182,977
3,189,335
114 : 3,173,972
3,179,389
3,210,056
3,215,414
115 : 3,195,871
118 : 3,215,415
122 : 3,165,562
3,206,178
124 : 3,174,733
3,182,978
3,212,762
128 : 3,178,159
3,210,057
3,210,058
130 : 3,181,844
133 : 3,220,711
136 : 3,170,007
140 : 3,168,600
3,226,100
142 : 3,193,261
3,215,416
3,215,417
144 : 3,198,498
148 : 3,191,916
154 : 3,167,601
159 : 3,164,644
3,219,325

Class 263

2 : 3,186,693
3,193,262
3 : 3,166,304
3,175,813
3,186,694
3,188,063
3,198,499
3,222,042
4 : 3,188,064
3,206,179
6 : 3,168,297
3,169,754
3,179,390
3,185,454
3,186,695
3,203,677
3,203,678
3,208,740
3,212,763
3,214,152
3,219,326
3,220,712
3,222,043
3,226,101
7 : 3,197,184
3,219,327
8 : 3,193,263
3,215,418
10 : 3,191,917
3,203,679
11 : 3,185,455
3,186,696
3,190,625
3,193,264
3,203,680
12 : 3,181,845
15 : 3,165,301
3,170,678
3,170,679
3,170,680
3,174,734
3,184,223
3,185,456
3,207,493
19 : 3,165,302
3,173,666
3,178,160
3,178,161
3,180,629
3,185,457
3,185,458
3,186,697
3,193,265
3,195,872
3,198,500
3,199,848
3,199,849
3,201,098
3,210,059
3,210,060
3,211,439
3,216,709
20 : 3,220,713
21 : 3,165,303
3,190,627
3,201,099
3,203,681
3,207,494
26 : 3,180,630
28 : 3,168,298
3,168,299
3,172,647
3,179,391
3,184,224
3,219,328
29 : 3,165,304
3,169,015
3,171,637
3,176,969
3,178,162
3,178,163
3,202,405
3,204,936
30 : 3,175,814
31 : 3,172,648
32 : 3,164,380
3,169,016
3,175,815
3,180,631
3,193,266
3,199,850
3,208,741
3,212,764
33 : 3,169,755
3,171,638
3,182,979
3,182,980
3,185,459
3,188,065
3,199,851
3,201,100
3,218,049
3,219,329
3,220,714
3,223,395
34 : 3,171,639
36 : 3,182,981
3,184,225
3,188,066
3,189,336
3,198,501
3,199,852
37 : 3,179,392
3,193,267
40 : 3,170,681
3,181,846
3,185,460
3,193,268
3,197,185
41 : 3,166,305
3,181,847
3,185,461
3,224,747
43 : 3,174,735
44 : 3,214,153
46 : 3,190,626
3,203,682
3,204,937
3,204,938
3,204,939
3,214,154
3,218,050
47 : 3,179,393
48 : 3,172,649
3,180,632
3,216,710
49 : 3,179,394
51 : 3,220,715
52 : 3,188,366
3,198,855
3,206,526
3,207,817
53 : 3,221,082

Class 264

.5 : 3,198,856
.5 : 3,211,812
.5 : 3,213,161
.5 : 3,213,162
.5 : 3,213,163
.5 : 3,214,499
.5 : 3,219,730
.5 : 3,226,456
1 : 3,164,645
3,171,869
3,187,068
3,211,810
3,211,811
3,221,083
3,222,432
3,225,123
3 : 3,166,612
3,171,870
3,192,289
3,194,851
3,201,500
3 : 3,202,730
3,205,286
3,222,433
3,223,756
4 : 3,167,602
5 : 3,184,523
7 : 3,202,731
8 : 3,196,192
11 : 3,204,015
12 : 3,166,613
14 : 3,207,818
3,210,443
15 : 3,179,722
3,179,723
3,192,290
16 : 3,210,444
17 : 3,218,374
18 : 3,217,067
21 : 3,166,614
3,168,601
3,173,973
3,182,102
3,189,666
3,194,852
22 : 3,165,563
3,170,008
3,170,966
3,182,103
3,223,757
23 : 3,166,615
24 : 3,189,667
25 : 3,209,056
3,213,164
3,213,165
3,221,084
3,222,434
26 : 3,192,291
3,207,819
28 : 3,183,284
3,222,435
29 : 3,168,602
3,197,527
3,219,731
30 : 3,172,924
3,201,501
3,202,732
3,223,758
31 : 3,176,053
32 : 3,192,292
3,198,857
34 : 3,201,502
3,222,436
3,223,759
35 : Re.25,757
3,198,858
3,210,445
36 : 3,194,853
3,211,813
37 : 3,188,367
3,192,293
38 : 3,217,068
39 : 3,170,009
3,215,760
40 : 3,173,974
41 : 3,178,490
3,190,943
42 : 3,217,069
44 : 3,176,054
3,213,166
45 : 3,170,967
3,170,968
3,172,925
3,176,055
3,177,271
3,182,104
3,183,285
3,183,286
3,187,069
3,190,944
3,204,016
3,211,814
3,218,375
3,219,732
3,221,085
3,225,124
47 : 3,167,603
3,210,446
3,210,447
3,217,070
48 : 3,210,448
3,219,733
49 : 3,202,733
3,214,501
50 : 3,225,125
51 : 3,170,010
3,173,975
3,204,017
3,225,126
53 : 3,178,491
3,194,854
3,200,175
3,202,734
3,207,820
54 : 3,192,294
54 : 3,193,598
3,200,176
3,210,449
3,222,437
3,225,127
55 : 3,198,859
56 : 3,188,368
3,189,668
3,202,735
58 : 3,179,724
3,196,193
60 : 3,178,492
3,197,528
61 : 3,202,736
62 : 3,197,529
66 : 3,169,155
3,176,056
3,213,167
3,222,438
67 : 3,197,530
69 : 3,168,603
70 : 3,194,855
3,200,177
3,213,168
71 : 3,202,737
73 : 3,206,527
3,219,734
3,219,735
75 : 3,177,272
76 : 3,194,856
77 : 3,198,860
3,202,738
78 : Re.25,831
3,182,105
3,200,178
80 : 3,165,564
3,175,025
86 : 3,178,493
3,218,376
3,218,377
88 : 3,172,926
3,197,531
3,200,179
3,219,736
89 : 3,218,378
90 : 3,177,273
3,178,494
3,179,725
3,179,726
3,193,599
3,221,086
3,226,457
3,226,458
92 : 3,172,927
3,190,945
3,190,946
3,207,821
93 : 3,172,928
3,218,379
94 : 3,170,970
3,184,524
3,194,857
3,205,287
3,207,822
3,211,815
3,223,760
95 : 3,166,616
3,170,011
3,170,012
3,178,495
3,180,909
3,196,194
3,201,503
3,207,823
3,211,816
3,218,380
3,223,761
3,223,762
3,226,459
96 : 3,180,910
97 : 3,170,971
3,172,929
98 : 3,164,646
3,197,532
3,198,861
3,202,739
3,204,018
3,217,071
3,217,072
100 : 3,168,604
3,202,740
3,219,737
102 : 3,193,600
3,200,180
103 : 3,218,381
104 : 3,171,871
3,201,504
108 : 3,164,647
3,168,509
3,202,741
3,202,742
3,211,817
3,222,439
109 : 3,164,648
109 : 3,166,617
3,173,976
3,200,181
3,201,505
3,202,743
3,202,744
3,209,057
111 : 3,194,858
112 : 3,223,763
113 : 3,171,872
3,202,745
117 : 3,186,928
3,206,528
3,207,824
118 : 3,183,287
119 : 3,180,911
121 : 3,164,649
3,201,499
122 : 3,204,019
3,213,169
123 : 3,194,859
126 : 3,177,274
127 : 3,184,525
3,207,825
128 : 3,177,275
3,188,369
130 : 3,164,650
3,172,930
3,183,288
3,218,383
134 : 3,189,669
137 : 3,185,746
139 : 3,215,761
141 : 3,202,746
142 : 3,193,601
3,213,170
144 : 3,221,087
148 : 3,179,727
152 : 3,215,762
154 : 3,194,860
3,210,450
3,214,502
159 : 3,207,826
161 : 3,165,565
3,198,862
165 : 3,226,460
166 : 3,168,605
167 : 3,222,440
168 : 3,202,747
3,213,171
171 : 3,166,329
3,180,912
3,182,106
3,187,070
3,192,295
3,196,195
173 : 3,172,931
3,219,738
174 : 3,187,071
3,207,827
3,211,818
175 : 3,184,526
3,207,828
176 : 3,170,972
3,177,276
3,197,533
177 : 3,219,739
178 : 3,206,529
3,217,073
3,223,764
180 : 3,219,740
3,219,741
181 : 3,221,088
182 : 3,193,602
3,193,603
184 : 3,165,566
3,192,296
3,198,863
185 : 3,167,604
3,170,973
189 : 3,194,861
3,226,461
193 : 3,182,107
194 : 3,202,748
200 : 3,210,451
202 : 3,179,728
203 : 3,210,452
206 : 3,194,862
209 : 3,182,108
3,185,747
3,193,547
3,193,604
3,194,863
3,194,864
3,194,865
210 : 3,173,977
3,175,026
3,177,277
3,201,506
3,214,500
3,214,503
3,217,074
211 : 3,194,866
216 : 3,164,651
3,171,873
3,179,729
3,190,947
3,213,172
3,225,128
3,226,462
220 : 3,183,289
3,215,763
223 : 3,197,534
226 : 3,188,370
3,189,670
228 : 3,172,932
3,182,109
3,207,829
3,217,075
229 : 3,223,765
230 : 3,175,027
3,222,441
3,225,129
232 : 3,217,076
235 : 3,200,182
242 : 3,166,618
3,187,072
3,197,535
3,202,749
3,207,830
3,214,504
244 : 3,178,496
3,215,764
245 : 3,178,497
3,179,730
247 : 3,189,671
248 : 3,172,933
3,219,742
249 : 3,189,672
250 : 3,198,864
251 : 3,196,196
252 : 3,175,028
255 : 3,165,567
3,170,013
3,177,278
3,177,279
3,184,527
3,187,073
3,205,288
256 : 3,217,077
257 : 3,192,297
259 : 3,183,290
261 : 3,185,748
3,209,058
3,221,089
262 : 3,164,652
3,185,749
263 : 3,172,934
3,182,110
3,194,867
266 : 3,176,057
267 : 3,171,874
269 : 3,188,371
3,206,530
271 : 3,198,865
3,207,831
272 : 3,165,568
3,166,619
3,171,875
3,182,111
3,207,832
3,210,453
3,213,173
3,226,463
275 : 3,177,280
3,187,074
3,219,743
277 : 3,222,442
278 : 3,207,833
279 : 3,173,978
280 : 3,205,289
281 : 3,168,606
3,170,014
284 : 3,170,974
3,176,058
285 : 3,197,536
3,213,174
287 : 3,188,372
3,197,537
288 : 3,197,538
3,223,766
289 : 3,187,075
290 : 3,175,029
3,180,913
3,200,183
292 : 3,205,290
294 : 3,185,750
3,192,298
3,214,505
296 : 3,206,531
297 : 3,198,866
299 : 3,177,281
3,198,867
301 : 3,185,751
304 : 3,206,532
306 : 3,180,914
309 : 3,206,533
310 : 3,164,653
3,214,506
3,217,078
311 : 3,164,654
3,200,184
312 : 3,225,130
313 : 3,165,569
3,222,443
314 : 3,184,528
316 : 3,185,752
317 : 3,222,444
320 : 3,213,175
321 : 3,164,655
3,175,030
3,196,197
322 : 3,183,291
324 : 3,178,498
325 : 3,226,464
326 : 3,211,819
3,223,767
328 : 3,194,868
3,196,198
329 : 3,165,570
3,192,299
331 : 3,172,935
3,185,753
335 : 3,176,059
3,183,292
336 : 3,205,291
3,206,534
339 : 3,207,834
340 : 3,184,529
3,192,300
345 : 3,221,090
347 : 3,198,868

Class 266

1 : 3,185,462
3,198,502
2 : 3,188,067
3,211,440
.5 : 3,169,156
.5 : 3,189,337
3 : 3,169,157
3,171,876
3,182,982
3,186,698
3,191,918
3,194,545
4 : 3,176,970
3,186,699
3,191,919
3,208,742
3,215,419
3,219,330
5 : 3,168,607
3,169,158
3,174,738
3,179,395
3,185,463
3,188,068
3,189,338
3,193,269
3,193,270
3,198,503
3,199,853
3,199,854
3,202,406
3,204,940
3,212,765
3,215,420
3,219,331
3,223,396
6 : 3,164,656
3,170,975
3,170,976
3,212,766
9 : 3,201,101
11 : 3,171,877
13 : 3,199,855
3,216,711
3,216,712
14 : 3,175,816
15 : 3,186,700
3,197,186
18 : 3,219,332
19 : 3,207,495
21 : 3,172,936
3,194,546
3,199,856
3,201,102
3,211,441
23 : 3,166,620
3,170,015
3,172,937
3,172,938
3,173,979
3,174,736
3,176,971
3,188,069
3,190,628
3,203,683
3,206,180

23 : 3,224,748
24 : 3,185,464
3,210,061
25 : 3,191,920
3,202,407
3,203,684
3,204,941
27 : 3,182,983
3,206,181
28 : 3,178,164
3,178,165
3,204,942
30 : 3,193,271
3,203,685
32 : 3,185,465
33 : 3,174,737
3,198,504
3,202,408
3,206,182
3,215,421
34 : 3,168,608
3,169,159
3,170,016
3,170,977
3,173,980
3,175,817
3,180,633
3,181,848
3,182,984
3,182,985
3,195,873
3,201,103
3,201,104
3,201,105
3,202,409
3,203,686
3,206,183
3,211,442
3,212,767
3,215,422
3,215,423
3,215,424
3,216,713
3,216,714
3,220,716
3,223,397
3,223,398
3,224,749
3,226,102
35 : 3,170,017
3,215,425
3,222,045
3,224,750
36 : 3,169,160
3,191,921
3,191,922
3,193,272
3,195,875
3,197,187
3,201,106
3,201,107
3,201,108
3,223,399
37 : 3,193,273
3,198,505
38 : 3,174,739
3,184,226
3,208,743
39 : 3,211,443
41 : 3,166,621
3,169,161
3,188,070
3,195,874
3,222,044
42 : 3,190,629
43 : 3,203,687
3,203,688
3,203,689

Class 267

1 : 3,165,305
3,167,308
3,169,756
3,171,640
3,172,650
3,173,667
3,174,740
3,175,818
3,176,972
3,178,166
3,179,396
3,179,397
3,179,398
3,179,399
3,180,634
3,181,849
3,181,850
3,181,851
3,182,986
3,186,701
3,186,702
3,188,071
3,190,630
1 : 3,190,631
3,190,632
3,190,633
3,190,634
3,197,188
3,197,189
3,198,506
3,201,109
3,201,110
3,201,111
3,202,410
3,202,411
3,202,412
3,204,943
3,207,496
3,214,155
3,215,426
3,216,715
3,218,051
3,218,052
3,219,333
3,222,046
3,223,400
3,223,401
3,224,751
8 : 3,165,306
3,181,852
3,206,184
3,211,444
9 : 3,171,641
3,191,923
11 : 3,197,190
3,218,053
15 : 3,181,853
16 : 3,210,062
20 : 3,171,642
34 : 3,202,413
3,212,768
45 : 3,173,668
47 : 3,204,944
48 : 3,168,300
52 : 3,170,682
3,173,669
3,195,876
54 : 3,218,054
56 : 3,175,819
57 : 3,198,507
3,207,497
.1 : 3,179,400
60 : 3,169,757
3,173,670
3,195,877
61 : 3,198,508
64 : 3,164,381
3,167,309
3,168,301
3,168,302
3,169,758
3,173,671
3,178,167
3,182,987
3,194,547
3,197,191
3,201,112
3,204,945
3,206,185
3,210,063
3,222,047
3,222,048
3,222,049
3,226,103
65 : 3,171,643
3,179,401
3,181,854
3,188,072
3,190,635
3,207,498
3,212,769
3,218,055
67 : 3,195,878
70 : 3,220,717
80 : 3,165,307
3,188,073
102 : 3,173,672
103 : 3,210,064
105 : 3,185,466
107 : 3,185,467
3,190,636
3,197,192
108 : 3,184,227
110 : 3,174,741
111 : 3,165,308
112 : 3,207,499

Class 268

3 : 3,202,414
3,206,186
18 : 3,179,402
19 : 3,168,303
33 : 3,195,879
34 : 3,210,065
37 : 3,210,066
42 : 3,181,855
48 : 3,216,716
49 : 3,219,334
53 : 3,172,651
3,223,402
3,223,403
58 : 3,214,156
59 : 3,166,306
3,193,274
3,199,857
3,202,415
3,207,500
3,220,718
64 : 3,206,187
65 : 3,181,856
3,210,067
72 : 3,195,880
74 : 3,180,635
3,207,501
3,207,502
75 : 3,190,637
3,197,193
97 : 3,199,858
104 : 3,214,157
111 : 3,188,074
3,189,339
117 : 3,214,158
121 : 3,204,946
122 : 3,181,857
124 : 3,174,742
3,174,743
3,203,690
3,219,335
125 : 3,223,404
126 : 3,171,644
3,186,703
3,193,275
3,203,691
3,222,050

Class 269

6 : 3,224,752
8 : 3,210,068
9 : 3,186,704
20 : 3,189,340
3,198,509
3,202,416
21 : 3,207,503
3,222,051
24 : 3,174,744
25 : 3,169,759
3,174,745
3,199,859
3,211,445
32 : 3,173,673
3,197,194
34 : 3,197,195
37 : 3,182,988
44 : 3,188,075
45 : Re.25,802
47 : 3,216,717
48.1 : 3,220,719
52 : 3,167,310
3,198,510
53 : 3,216,718
55 : 3,211,446
58 : 3,172,652
60 : 3,186,705
61 : 3,172,653
3,185,468
3,212,770
3,218,056
3,220,720
69 : 3,222,052
71 : 3,170,683
74 : 3,185,469
3,197,196
81 : 3,182,989
3,197,197
86 : 3,169,760
87.2 : 3,199,860
91 : 3,185,470
3,222,053
3,224,753
93 : 3,172,654
3,194,548
3,222,054
94 : 3,204,947
3,210,069
97 : 3,173,674
3,202,417
101 : 3,188,076
107 : 3,165,309
108 : 3,224,754
136 : 3,186,706
3,193,276
137 : 3,223,405
152 : 3,203,692
153 : 3,169,017
3,176,973
3,182,990
3,189,341
3,211,447
3,223,406
155 : 3,166,307
156 : 3,191,924
165 : 3,218,057
166 : 3,218,058
181 : 3,193,277
182 : 3,220,721
187 : 3,219,336
189 : 3,214,159
215 : 3,176,974
216 : 3,195,881
219 : 3,222,055
221 : 3,185,471
224 : 3,180,636
226 : 3,188,077
227 : 3,226,104
228 : 3,210,070
234 : 3,184,228
236 : 3,202,419
239 : 3,173,675
3,204,948
240 : 3,173,676
3,223,407
245 : 3,224,755
247 : 3,208,744
248 : 3,169,761
3,190,638
254 : 3,173,677
3,207,504
271 : 3,218,059
287 : 3,220,722
290 : 3,202,418
296 : 3,175,820
3,178,168
3,181,858
297 : 3,174,746
303 : 3,166,308
304 : 3,168,304
305 : 3,171,645
3,188,078
309 : 3,219,337
315 : 3,174,747
321 : 3,168,305
322 : 3,197,198
324 : 3,178,169
3,226,105
325 : 3,176,975
3,206,188
3,226,106
328 : 3,188,079

Class 270

1 : 3,166,309
31 : 3,173,678
3,181,859
3,219,338
3,224,756
39 : 3,197,199
3,206,189
40 : 3,199,861
41 : 3,165,310
52 : 3,173,679
.5 : 3,214,160
53 : 3,198,511
54 : Re.25,870
3,176,976
3,199,862
55 : 3,169,762
56 : 3,191,925
58 : 3,168,306
3,173,680
3,175,821
3,178,170
3,193,278
3,193,279
3,208,745
3,214,161
3,216,719
59 : 3,206,190
61 : 3,188,080
3,190,639
3,198,512
62 : 3,170,684
66 : 3,171,646
3,190,640
68 : 3,170,685
3,178,171
3,204,949
3,211,448
69 : 3,212,771
73 : 3,182,991
3,195,882
3,214,162
77 : 3,176,977
79 : 3,165,311
3,178,172
3,195,883
85 : 3,206,191
86 : 3,191,926
3,216,720

Class 271

1 : 3,198,513
2 : 3,172,655
3,175,822
3,175,823
3,193,280
3,222,056
3 : 3,182,992
3,184,229
3,194,549
3,194,550
3,197,200
3,207,505
3,207,506
3,222,057
4 : 3,218,060
5 : 3,166,310
3,176,978
3,188,081
3,201,113
8 : 3,174,748
3,214,163
10 : 3,195,884
3,195,885
3,203,693
3,224,757
11 : 3,171,647
3,184,230
3,185,472
3,193,281
3,201,114
3,211,449
3,218,061
3,219,339
3,219,340
12 : 3,166,311
3,193,282
3,198,514
14 : 3,194,551
18 : 3,176,979
3,207,507
19 : 3,206,192
21 : 3,210,071
26 : 3,168,307
3,194,552
3,198,515
3,199,863
3,218,062
3,222,058
27 : 3,168,308
3,169,018
3,215,427
3,226,107
28 : 3,178,173
3,222,059
30 : 3,210,072
32 : 3,166,312
3,181,860
3,202,420
3,212,772
3,226,108
34 : 3,173,681
3,226,109
36 : 3,165,312
3,184,231
3,208,746
3,210,073
41 : 3,190,641
3,194,553
3,214,164
3,226,110
42 : 3,190,642
3,195,886
44 : 3,173,682
3,218,063
45 : 3,190,643
3,198,516
3,218,064
46 : 3,173,683
3,178,174
3,190,644
47 : 3,182,993
3,193,283
3,206,193
48 : 3,172,656
49 : 3,171,648
3,182,994
50 : 3,206,194
51 : 3,171,649
3,172,657
3,190,645
3,199,864
3,201,115
3,202,421
3,210,074
3,226,111
52 : 3,175,824
3,176,980
3,178,175
53 : 3,195,887
54 : 3,180,637
56 : 3,185,473
3,211,450
57 : 3,173,684
3,176,981
3,179,403
57 : 3,179,404
3,186,708
3,191,927
3,194,554
3,204,950
3,218,066
58 : 3,168,309
59 : 3,178,176
60 : 3,173,685
61 : Re.25,825
62 : 3,172,658
.5 : 3,180,638
.5 : 3,212,773
3,214,165
3,226,112
64 : 3,165,313
3,170,686
3,178,177
3,179,405
3,182,995
3,189,342
3,191,928
3,199,865
3,211,451
3,216,721
3,224,758
3,224,759
68 : 3,167,311
3,169,763
3,174,749
3,182,996
3,188,082
3,212,774
3,220,724
3,224,760
3,224,761
69 : 3,218,069
71 : 3,182,997
3,188,083
3,191,929
3,215,428
3,220,725
3,223,409
74 : 3,178,178
3,178,179
3,182,998
3,197,201
3,198,517
3,212,775
3,220,723
76 : 3,179,406
78 : 3,195,888
79 : 3,179,407
3,186,709
3,199,866
3,201,116
82 : 3,188,084
86 : 3,166,313
3,171,650
3,198,518
89 : 3,193,284
3,198,519
3,222,060
3,223,410

Class 272

1 : 3,169,764
3,176,982
3,180,639
3,193,286
3,199,867
3,201,117
3,203,694
3,204,951
3,223,411
3,224,762
2 : 3,202,422
5 : 3,166,314
7 : 3,207,508
8 : 3,202,423
3,223,412
17 : 3,173,686
29 : 3,176,983
3,222,061
3,226,113
30 : 3,174,750
3,199,868
31 : 3,176,984
3,191,930
3,204,952
32 : 3,181,861
3,185,474
3,190,646
3,201,118
3,207,509
33 : 3,164,382
3,170,687
3,171,651
3,172,659
3,180,640
3,197,202
3,197,203
3,203,695
33 : 3,210,075
3,222,062
36 : 3,189,343
44 : 3,179,408
48 : 3,222,063
52 : 3,204,953
3,220,726
53.1 : 3,210,076
54 : 3,168,310
56 : 3,190,647
.5 : 3,195,889
.5 : 3,210,077
.5 : 3,224,763
57 : 3,167,312
3,172,660
3,178,180
3,179,409
3,181,862
3,195,890
3,207,510
3,218,065
3,226,114
58 : 3,189,344
3,193,287
3,211,452
3,218,067
3,219,341
3,226,115
59 : 3,222,064
3,224,764
60 : Re.25,843
62 : 3,201,119
3,218,068
63 : 3,184,232
3,207,511
65 : 3,201,120
66 : 3,166,315
3,184,233
67 : 3,222,065
68 : 3,184,234
3,211,453
3,219,342
70.1 : 3,186,710
.1 : 3,191,931
.3 : 3,165,314
.4 : 3,189,345
.4 : 3,204,954
73 : 3,201,121
3,212,776
3,216,722
74 : 3,165,315
3,182,999
3,189,346
75 : 3,212,777
77 : 3,176,985
78 : 3,226,116
79 : 3,190,648
3,197,204
3,204,955
3,224,765
80 : 3,176,986
3,180,641
3,207,512
3,215,429
81 : 3,189,347
82 : 3,193,288
84 : 3,171,652
3,219,343
3,226,117
85 : 3,186,711
3,191,932
87 : 3,171,653

Class 273

1 : 3,168,311
3,171,654
3,201,122
3,202,424
3,204,956
3,207,513
3,208,747
3,215,430
3,219,344
3,222,066
3,223,413
3,226,118
.5 : 3,173,687
.5 : 3,194,555
.5 : 3,204,957
3 : 3,180,642
14 : 3,215,431
25 : 3,170,688
3,181,863
3,204,958
26 : 3,166,316
3,166,317
3,168,312
3,169,019
3,172,661
3,183,000
3,184,235
3,194,556
3,194,557

Class 273—Con.

26 : 3,206,195
3,206,196
3,214,166
3,216,723
3,222,067
29 : 3,180,643
3,203,696
3,215,432
30 : 3,190,649
32 : 3,195,891
33 : 3,206,197
3,220,727
34 : 3,180,644
41 : 3,171,655
3,224,766
42 : 3,172,662
3,193,289
3,199,869
43 : 3,174,751
3,179,410
3,183,001
3,188,085
3,189,348
3,191,933
3,191,934
3,193,290
3,195,892
3,197,205
3,199,870
3,201,123
3,206,198
3,210,078
3,212,778
3,219,345
3,219,346
3,220,728
49 : 3,179,411
3,185,475
3,190,650
3,206,199
3,208,748
3,215,433
50 : 3,170,689
51 : 3,186,712
3,211,454
3,223,415
52 : 3,164,383
3,169,765
3,191,935
3,223,414
53 : 3,165,316
54 : 3,166,318
3,172,663
3,178,181
3,185,477
3,189,349
3,206,200
3,208,749
3,210,079
3,212,779
3,212,780
3,214,167
3,223,416
3,224,767
3,224,768
55 : 3,216,724
3,218,070
58 : 3,179,412
3,185,476
3,204,959
3,218,071
3,220,729
63 : 3,181,864
3,197,206
3,204,960
3,206,201
3,207,514
3,208,750
3,212,781
3,223,408
64 : 3,206,202
65 : 3,199,871
3,219,347
67 : 3,214,168
70 : 3,204,961
3,226,119
72 : 3,173,688
73 : 3,206,203
75 : 3,203,697
3,206,204
77 : 3,170,690
3,176,987
3,219,348
3,220,730
78 : 3,211,455
3,218,072
79 : 3,190,651
3,214,169
80 : 3,166,319
3,166,320
3,206,205
.1 : 3,204,962
80.1 : 3,206,206
.1 : 3,214,170
.2 : 3,191,936
.5 : 3,170,691
.5 : 3,199,872
81 : 3,173,689
.3 : 3,188,086
.4 : 3,198,520
82 : 3,169,020
3,169,766
3,178,182
3,184,236
3,186,713
3,193,291
3,201,124
3,206,207
3,220,731
3,224,769
3,224,770
83 : 3,226,120
85 : 3,214,171
86 : 3,190,652
3,204,963
3,206,208
3,214,172
3,223,417
3,224,771
3,226,121
87.4 : 3,179,413
.4 : 3,190,653
93 : 3,224,772
3,224,773
94 : 3,181,865
95 : 3,166,321
3,166,322
3,172,664
3,178,183
3,201,125
3,201,126
3,208,751
3,218,073
96 : 3,185,479
3,186,714
97 : 3,173,690
3,216,725
3,224,774
100 : 3,216,726
101 : 3,193,292
3,207,515
.1 : 3,202,425
.1 : 3,214,173
.1 : 3,220,732
.2 : 3,211,456
102 : 3,216,727
.1 : 3,165,317
.1 : 3,170,692
.1 : 3,172,665
.1 : 3,190,654
.2 : 3,170,693
.4 : 3,164,384
.4 : 3,197,207
.4 : 3,203,698
105.3 : 3,223,418
.4 : 3,169,767
.4 : 3,176,988
.4 : 3,185,480
.4 : 3,207,516
106 : 3,176,989
3,176,990
3,183,002
3,201,128
.5 : 3,164,385
.5 : 3,168,313
.5 : 3,214,174
108 : 3,178,184
3,186,715
109 : 3,194,558
3,201,127
3,204,964
3,218,074
110 : 3,188,087
3,202,426
3,206,209
115 : 3,170,694
3,211,457
118 : 3,180,645
3,180,646
3,208,752
119 : 3,166,323
3,203,699
3,204,965
120 : 3,173,691
121 : 3,194,559
3,224,775
3,224,776
123 : 3,224,777
126 : 3,174,752
3,181,866
3,202,427
3,202,428
3,219,349
127 : 3,204,966
3,215,434
128 : 3,188,088
128 : 3,206,210
130 : 3,178,185
3,179,414
3,183,003
3,191,937
3,194,560
3,195,893
3,212,782
3,224,778
131 : 3,166,324
3,181,867
3,188,089
3,190,655
3,223,419
132 : 3,208,753
134 : 3,166,325
3,167,313
3,168,314
3,169,021
3,169,768
3,170,695
3,170,696
3,172,666
3,184,237
3,191,184
3,195,894
3,198,521
3,201,129
3,211,458
3,215,435
3,222,068
3,223,420
135 : 3,169,769
3,170,697
3,175,825
3,179,415
3,185,478
3,191,938
3,193,293
3,195,895
3,195,896
136 : 3,194,561
3,210,080
137 : 3,179,416
3,186,716
138 : 3,169,770
3,180,647
3,190,656
139 : 3,181,868
3,206,211
3,211,459
3,223,421
141 : 3,210,081
142 : 3,171,656
3,184,238
3,198,522
3,222,069
3,226,122
144 : 3,224,779
145 : 3,168,315
3,175,826
146 : 3,198,523
3,208,754
148 : 3,165,318
3,185,481
3,185,482
3,222,070
3,224,780
149 : 3,165,319
3,222,071
153 : 3,189,350
156 : 3,168,316
157 : 3,174,753
3,178,186
3,181,869
3,193,294
3,222,072
158 : 3,198,524
162 : 3,185,483
3,224,781
163 : 3,170,698
3,198,525
3,199,873
164 : 3,226,123
170 : 3,199,874
171 : 3,212,783
3,220,733
173 : 3,172,667
176 : 3,184,239
3,215,436
177 : 3,171,657
3,176,991
3,184,240
3,195,897
3,216,728
181 : 3,190,657
3,195,898
3,197,208
182 : 3,202,429
183 : 3,169,022
3,175,827
3,178,187
3,197,209
184 : 3,194,562
186 : 3,166,326
3,169,771
3,172,668
3,191,939
3,194,563
3,194,564
3,194,565
3,215,437
187 : 3,166,327
188 : 3,215,438
189 : 3,188,090
192 : 3,190,658
198 : 3,164,386
199 : 3,198,526
202 : 3,203,700
227 : 3,218,075

Class 274

1 : 3,179,417
3,183,004
3,186,717
3,189,351
3,208,755
3,212,784
2 : 3,165,320
3,167,314
3,169,772
3,190,659
3,194,566
3 : 3,167,315
4 : 3,166,328
3,169,773
3,179,418
3,185,484
3,197,210
3,204,967
3,207,517
3,210,082
3,214,175
3,218,076
3,218,077
9 : 3,178,188
3,181,870
3,193,295
3,220,734
3,220,735
3,222,073
3,223,422
10 : Re.25,926
3,165,321
3,167,316
3,168,317
3,172,669
3,176,992
3,179,419
3,181,871
3,183,005
3,186,718
3,189,352
3,191,940
3,191,941
3,191,942
3,191,943
3,193,296
3,194,567
3,197,211
3,197,212
3,201,130
3,201,131
3,207,518
3,214,176
3,216,729
3,218,078
3,218,079
3,219,350
11 : 3,188,091
3,198,527
3,222,074
3,223,423
13 : 3,178,189
3,188,092
14 : 3,168,318
3,169,774
3,184,241
3,224,782
15 : 3,174,754
3,181,872
17 : 3,206,212
3,218,080
22 : 3,197,213
23 : 3,167,317
3,173,692
3,174,755
3,188,093
3,206,213
3,219,351
24 : 3,175,828
3,176,993
3,224,783
3,226,124
25 : 3,219,352
3,220,736
26 : 3,174,756
36 : 3,207,519
3,215,440
37 : 3,201,132
3,204,968
3,215,439
3,220,737
3,220,738
38 : 3,184,242
3,216,730
39 : 3,198,528
3,210,083
3,211,460
3,214,177
3,218,081
41.4 : 3,186,707
.4 : 3,214,178
.4 : 3,219,353
42 : 3,169,023
3,201,133
3,206,214
46 : 3,226,125
47 : 3,185,485
3,189,353
3,203,701
3,218,082
3,220,739

Class 275

2 : 3,207,520
3 : 3,165,322
3,167,318
3,173,693
3,174,757
3,175,829
3,176,994
3,176,995
3,195,899
3,203,702
4 : 3,185,486
3,206,215
6 : 3,170,699
3,175,830
3,179,420
3,184,243
3,188,094
3,211,461
3,218,083
3,220,740
8 : Re.25,709
Re.25,713
3,164,387
3,167,319
3,174,758
3,183,006
3,189,354
3,189,355
3,191,944
3,193,297
3,210,084
14 : 3,186,719
3,199,875
15 : 3,171,658
3,179,421
3,197,214
3,203,703
3,210,085

Class 277

1 : 3,167,320
3,173,694
3,173,695
3,183,007
3,214,179
3,216,731
2 : 3,169,024
3,176,996
3 : 3,170,700
3,179,422
3,181,873
3,198,529
5 : 3,218,084
8 : 3,166,330
3,178,190
9 : 3,186,720
3,195,900
3,222,075
11 : 3,186,042
16 : 3,186,721
18 : 3,164,388
20 : 3,185,487
21 : 3,199,876
23 : 3,206,216
3,223,424
25 : 3,168,319
26 : 3,216,732
27 : 3,188,095
29 : 3,199,877
30 : 3,179,423
32 : 3,186,722
33 : 3,171,659
34 : 3,204,969
3,222,076
37 : 3,179,424
3,207,521
3,214,180
40 : 3,193,298
3,222,077
41 : 3,165,323
42 : 3,185,488
3,189,356
3,189,357
3,203,704
51 : 3,210,086
53 : 3,173,696
58 : 3,189,358
3,195,901
59 : 3,186,723
3,186,724
3,188,096
3,190,660
3,218,085
60 : 3,206,217
64 : 3,197,215
65 : 3,169,775
3,191,945
68 : 3,194,568
73 : 3,174,759
74 : 3,188,097
75 : 3,190,661
3,206,218
78 : 3,195,903
79 : 3,202,430
83 : 3,184,244
84 : 3,175,831
85 : 3,198,530
86 : 3,181,874
88 : 3,194,569
3,199,878
89 : 3,179,425
92 : 3,167,321
3,180,648
3,201,134
3,201,135
3,220,741
94 : 3,211,462
95 : 3,195,902
3,195,904
3,208,756
96 : 3,218,086
100 : 3,185,489
105 : 3,204,970
110 : 3,168,320
112 : 3,172,670
3,179,426
3,218,087
115 : 3,223,425
125 : 3,169,776
3,210,087
3,226,126
130 : 3,171,660
3,207,522
136 : 3,184,245
137 : 3,172,671
3,197,216
138 : 3,178,191
3,191,946
139 : 3,166,331
3,191,947
3,191,948
140 : 3,172,672
3,174,760
3,181,875
3,190,662
3,195,905
144 : 3,180,649
148 : 3,173,697
150 : 3,203,705
153 : 3,188,098
3,197,217
3,223,426
158 : 3,172,673
168 : 3,184,246
3,191,949
3,208,757
3,219,354
170 : 3,184,247
3,185,490
3,214,181
171 : 3,166,332
3,197,218
3,204,971
3,208,758
174 : 3,174,761
176 : 3,215,441
3,223,427
178 : 3,198,531
180 : 3,167,322
3,168,321
3,170,701
3,191,950
3,195,906
3,215,442
182 : 3,194,570
184 : 3,194,571
188 : 3,188,099
3,195,907
188 : 3,207,523
190 : 3,193,299
193 : 3,174,762
198 : 3,201,136
199 : 3,166,333
3,175,832
3,179,427
200 : 3,212,785
201 : 3,214,182
205 : 3,167,323
3,171,661
3,173,698
3,175,833
3,188,100
3,189,359
3,189,360
206 : 3,173,699
3,180,650
3,195,908
3,207,524
207 : 3,183,008
208 : 3,166,334
3,183,009
209 : 3,165,324
211 : 3,171,662
212 : 3,164,389
3,175,834
3,181,876
3,199,879
215 : 3,174,763
3,193,285
3,206,219
218 : 3,186,725
227 : 3,190,663
231 : 3,174,764
235 : 3,164,390
3,167,324
3,169,025
3,183,010
237 : 3,183,011
3,185,491

Class 279

1 : 3,167,325
3,172,674
3,176,997
3,190,664
3,190,665
3,191,952
3,220,742
2 : 3,166,335
3,172,675
3,188,101
3,202,431
3,216,733
3 : 3,167,326
4 : 3,165,325
3,168,322
3,168,323
3,169,777
3,171,663
3,174,765
3,179,428
3,189,361
3,191,951
3,202,432
3,208,759
3,210,088
3,211,463
3,226,127
6 : 3,174,766
3,178,192
3,183,012
9 : 3,202,433
16 : 3,173,700
19.7 : 3,168,324
20 : 3,215,443
23 : 3,206,220
28 : 3,220,743
35 : Re.25,804
36 : 3,215,444
3,223,428
44 : 3,185,492
3,216,734
50 : 3,171,664
3,179,429
51 : 3,168,325
3,172,676
3,195,909
67 : 3,171,665
72 : 3,169,778
75 : 3,219,355
76 : 3,176,998
82 : 3,185,493
83 : 3,186,726
89 : 3,185,494
91 : 3,197,219
93 : 3,171,666
96 : 3,224,784
97 : 3,215,445
110 : 3,198,532
121 : 3,188,102
3,197,220

121 : 3,198,533
3,199,880
123 : 3,166,336
3,179,430
3,190,666
3,199,881
3,211,464
3,219,356

Class 280

1.11: 3,174,767
.11: 3,220,744
.12: 3,164,391
.182 3,214,183
3 : 3,183,013
5 : 3,211,465
3,216,735
.2 : 3,179,431
.2 : 3,226,128
.2 : 3,226,129
.22: 3,191,953
.22: 3,195,910
.22: 3,198,534
.26: 3,178,193
.26: 3,214,184
.28: 3,215,446
.32: 3,175,835
6 : 3,165,326
3,175,836
3,179,432
3,181,877
3,183,014
3,191,954
3,208,760
3,218,088
.1 : 3,165,327
.1 : 3,166,337
.1 : 3,175,837
.1 : 3,181,878
.1 : 3,183,015
.1 : 3,183,016
.1 : 3,188,103
.1 : 3,204,972
.1 : 3,214,185
.1 : 3,216,736
7.12: 3,203,706
.17: 3,222,078
8 : 3,179,433
3,219,357
11.12: 3,181,879
.12: 3,212,786
.13: 3,178,194
.13: 3,194,572
.13: 3,195,911
.13: 3,198,535
.13: 3,199,882
.13: 3,201,138
.13: 3,208,761
.13: 3,212,787
.14: 3,199,883
.14: 3,219,358
.2 : 3,180,651
.2 : 3,201,137
.2 : 3,224,785
.26: 3,202,434
.26: 3,202,435
.35: 3,165,328
.35: 3,168,326
.35: 3,170,702
.35: 3,172,677
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.35: 3,173,702
.35: 3,179,434
.35: 3,186,727
.35: 3,188,104
.35: 3,189,362
.35: 3,190,667
.35: 3,191,955
.35: 3,194,573
.35: 3,194,574
.35: 3,197,221
.35: 3,197,222
.35: 3,198,536
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.35: 3,199,884
.35: 3,199,885
.35: 3,201,140
.35: 3,204,973
.35: 3,206,221
.35: 3,207,525
.35: 3,210,090
.35: 3,214,186
.35: 3,216,737
.35: 3,219,359
.35: 3,222,079
.35: 3,224,786
.37: 3,170,703
.37: 3,175,838
.37: 3,178,195
.37: 3,179,435
.37: 3,179,436
.37: 3,181,880
11.37: 3,193,300
.37: 3,199,886
.37: 3,202,436
.37: 3,204,974
.37: 3,218,089
12 : 3,176,999
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3,190,669
16 : 3,175,839
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18 : 3,169,779
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3,202,437
3,222,080
20 : 3,180,652
21 : 3,166,338
3,171,667
3,173,703
3,190,671
22 : 3,226,130
3,226,131
25 : 3,188,105
30 : 3,180,653
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32.5 : 3,172,679
.5 : 3,194,575
.7 : 3,190,672
33.99: 3,168,327
.99: 3,174,768
.99: 3,184,248
.99: 3,186,728
.99: 3,190,673
.99: 3,195,912
.99: 3,201,139
.99: 3,224,787
34 : 3,170,704
3,181,881
3,183,017
3,185,495
3,199,889
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35 : 3,179,437
3,189,363
3,198,538
3,204,975
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36 : 3,165,329
3,166,339
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3,172,680
3,173,704
3,177,000
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3,189,364
3,191,956
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3,191,959
3,194,576
3,197,223
3,197,224
3,197,225
3,197,226
3,207,526
3,212,788
3,214,187
3,222,081
3,223,429
37 : 3,178,197
3,204,976
41 : 3,165,330
3,194,577
3,208,763
42 : 3,202,438
3,223,430
43 : 3,169,780
3,210,089
.1 : 3,170,705
.12: 3,170,706
.14: 3,179,438
.17: 3,198,539
.23: 3,188,106
.23: 3,188,107
.23: 3,193,301
.23: 3,199,890
.23: 3,207,527
47.13: 3,164,392
.13: 3,188,108
.19: 3,164,393
.19: 3,172,681
.19: 3,191,960
.24: 3,177,001
.24: 3,189,365
.26: 3,188,109
.26: 3,218,090
.26: 3,224,789
.31: 3,170,707
.31: 3,173,705
.31: 3,199,891
47.32: 3,170,708
.32: 3,220,745
.34: 3,170,709
.35: 3,210,091
.37: 3,168,330
.37: 3,172,682
.37: 3,203,707
.37: 3,224,790
.38: 3,178,199
.38: 3,207,528
.38: 3,223,431
.4 : 3,199,893
63 : 3,173,706
78 : 3,198,540
79.2 : 3,170,710
.2 : 3,223,432
.3 : 3,178,198
80 : 3,194,578
81 : 3,177,002
3,184,250
3,191,961
3,191,962
3,191,963
3,197,228
3,204,977
3,206,222
87 : 3,170,711
3,186,729
3,195,913
3,208,764
.01: 3,197,227
91 : 3,174,769
3,197,229
3,198,541
93 : 3,189,366
3,211,466
95 : 3,180,655
3,204,978
96.2 : 3,169,026
.2 : 3,178,200
.2 : 3,181,882
.2 : 3,195,914
.2 : 3,223,433
99 : 3,197,230
3,211,467
103 : 3,195,915
3,204,979
104 : 3,165,331
3,166,340
3,186,730
3,194,579
.5 : 3,166,341
.5 : 3,171,668
.5 : 3,175,840
.5 : 3,175,841
.5 : 3,177,003
.5 : 3,177,004
.5 : 3,178,201
.5 : 3,183,018
.5 : 3,184,251
.5 : 3,186,731
.5 : 3,194,580
.5 : 3,195,916
.5 : 3,195,917
.5 : 3,197,231
.5 : 3,197,232
.5 : 3,198,542
.5 : 3,199,892
.5 : 3,201,141
.5 : 3,202,439
.5 : 3,202,440
.5 : 3,219,360
.5 : 3,222,082
106 : 3,171,669
3,188,110
.5 : 3,168,331
.5 : 3,177,005
.5 : 3,201,142
112 : 3,174,770
3,181,883
3,194,581
3,197,233
3,201,143
124 : 3,165,332
3,170,712
3,171,670
3,173,707
3,174,771
3,175,842
3,177,006
3,178,202
3,179,439
3,181,884
3,181,885
3,183,019
3,191,964
3,193,302
3,193,303
3,193,304
3,195,918
3,195,919
3,202,441
3,203,708
3,204,980
124 : 3,208,765
3,208,766
3,210,092
3,211,468
3,212,789
3,214,188
3,216,740
3,220,746
3,222,083
125 : 3,185,496
150 : 3,165,333
3,169,781
3,170,713
3,170,714
3,172,683
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3,185,497
3,188,111
3,188,112
3,189,367
3,190,674
3,194,582
3,197,234
3,198,543
3,198,544
3,203,709
3,204,981
3,204,982
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3,218,091
3,219,361
3,220,747
3,222,084
.5 : 3,197,235
.5 : 3,219,362
154.5 : 3,195,920
.5 : 3,195,921
.5 : 3,198,545
.5 : 3,203,710
.5 : 3,219,363
.5 : 3,224,791
163 : 3,171,671
164 : 3,165,334
166 : 3,164,394
179 : 3,164,395
3,173,708
3,177,007
3,181,886
3,197,236
3,204,983
202 : 3,164,396
203 : 3,186,732
206 : 3,212,790
208 : 3,183,020
209 : 3,175,843
221 : 3,175,844
3,190,675
225 : 3,193,305
229 : 3,194,583
231 : 3,191,965
242 : 3,189,368
255 : 3,180,656
258 : Re.25,783
273 : 3,190,676
274 : 3,206,223
275 : 3,212,791
276 : 3,208,767
281 : 3,195,923
3,226,132
287 : 3,164,397
3,220,748
291 : 3,185,498
303 : 3,198,546
400 : 3,215,448
402 : 3,170,715
405 : 3,198,547
3,204,984
3,214,189
406 : 3,185,499
3,194,584
3,206,224
3,220,749
407 : 3,170,716
3,191,966
3,198,548
408 : 3,172,685
3,208,768
411 : 3,169,027
415 : 3,197,237
3,203,711
421 : 3,165,335
3,165,336
3,181,887
3,181,888
3,208,769
423 : 3,164,398
3,164,399
3,168,332
3,220,750
425 : 3,215,449
426 : 3,195,922
432 : 3,198,549
3,212,792
434 : 3,224,788
437 : 3,171,672
3,194,585
438 : 3,181,889
3,203,712
440 : 3,208,770
443 : 3,212,793
446 : 3,173,709
3,186,733
447 : 3,181,890
3,214,190
448 : 3,191,967
449 : 3,198,550
456 : 3,223,434
460 : 3,175,845
3,186,734
3,207,529
461 : 3,172,686
3,194,586
3,220,751
464 : 3,167,327
470 : 3,178,203
474 : 3,184,252
475 : 3,181,891
477 : 3,171,673
3,181,892
3,201,144
478 : 3,169,028
3,169,782
3,207,530
479 : 3,214,191
481 : 3,184,253
3,198,551
3,214,192
483 : 3,199,894
485 : 3,169,783
489 : 3,180,657
3,193,306
3,223,435
490 : 3,170,717
3,175,846
492 : 3,179,440
494 : 3,181,893
3,197,238
502 : 3,177,008
3,178,204
3,198,552
504 : 3,170,718
3,204,985
507 : 3,169,784
3,226,133
513 : 3,184,254
515 : 3,190,677
3,197,239

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1 : 3,177,009
2 : 3,191,968
9 : 3,180,658
15 : 3,188,113
3,212,794
.5 : 3,169,341
17 : 3,174,772
21 : 3,188,114
3,210,093
3,214,193
3,223,436
29 : 3,167,328
3,169,029
3,174,773
3,190,678
3,195,924
3,199,895
3,199,896
3,201,145
3,204,986
3,206,225
3,206,226
3,215,450
31 : 3,172,687
3,181,894
3,201,146
33 : 3,166,342
3,189,369
3,195,925
3,199,897
3,210,094
3,220,752
3,224,792
34 : 3,165,337
3,222,085
36 : 3,175,847
43 : 3,193,307
44 : 3,167,329
3,207,531
3,215,451
3,215,452
3,215,453
3,216,742

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11.5 : 3,211,469
.5 : 3,223,437
12 : 3,214,194
22 : 3,208,771
23 : 3,170,719
3,177,010
3,222,086
24 : 3,179,441
25 : 3,186,735
3,204,987
28 : 3,194,587
3,226,134
29 : 3,184,255
3,195,926
3,218,092
3,222,087

Class 283

18 : 3,211,470
58 : 3,172,688
63 : 3,208,772
66 : 3,216,743

Class 285

1 : 3,166,343
3,181,895
3,195,927
3,201,147
3 : 3,169,786
3,201,148
3,202,442
3,206,227
4 : 3,185,500
3,207,532
5 : 3,183,021
3,219,364
7 : 3,167,330
3,179,442
3,212,795
8 : 3,190,679
3,224,793
9 : 3,173,710
12 : 3,184,256
15 : 3,181,896
16 : 3,216,744
18 : 3,174,774
3,188,115
3,193,308
3,194,588
3,195,928
3,203,713
3,208,773
3,222,088
3,222,089
20 : 3,202,443
22 : 3,195,929
23 : 3,215,454
24 : 3,191,969
27 : 3,167,331
3,180,659
3,189,370
3,191,970
3,193,309
3,193,310
3,195,930
3,214,195
3,222,090
31 : 3,207,533
35 : 3,168,333
39 : 3,171,674
3,186,736
3,201,149
3,214,196
40 : 3,204,988
3,224,794
41 : 3,167,332
3,199,898
3,211,471
3,214,197
3,226,135
45 : 3,186,737
3,219,365
47 : 3,188,116
3,206,228
49 : 3,190,680
3,194,589
50 : 3,204,989
52 : 3,185,501
55 : 3,168,334
3,185,502
3,186,738
3,188,117
3,189,371
3,191,971
3,201,150
3,207,534
3,210,095
56 : 3,198,553
60 : 3,180,660
61 : 3,179,443
3,194,590
64 : 3,198,554
70 : 3,168,335
3,177,011
70 : 3,193,311
3,195,931
73 : 3,201,151
74 : 3,185,503
81 : 3,168,336
3,174,775
3,181,897
3,203,714
86 : 3,169,030
3,207,535
87 : 3,179,444
91 : 3,189,372
3,198,555
3,212,796
3,216,745
92 : 3,173,711
93 : 3,180,661
3,183,022
3,191,972
3,198,556
94 : 3,177,012
95 : 3,180,662
3,186,739
3,222,091
101 : 3,186,740
105 : 3,185,504
106 : 3,179,445
110 : 3,171,675
3,179,446
3,191,973
3,214,198
3,216,746
3,216,747
111 : 3,186,741
112 : 3,211,472
113 : 3,226,137
114 : 3,164,400
3,170,720
3,179,447
3,186,742
3,197,240
3,206,229
3,206,230
3,211,473
3,222,092
3,224,795
115 : 3,210,096
116 : 3,216,748
119 : 3,175,848
133 : 3,168,337
3,188,118
134 : 3,166,344
136 : 3,188,119
137 : 3,175,849
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138 : 3,197,241
140 : 3,167,333
3,178,205
146 : 3,179,448
153 : 3,206,231
156 : 3,183,023
158 : 3,191,974
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3,208,774
3,226,136
161 : 3,178,206
3,181,899
3,206,232
3,224,796
162 : 3,174,776
3,222,093
164 : 3,204,990
165 : 3,178,207
168 : 3,210,097
173 : 3,210,098
174 : 3,220,753
175 : 3,188,120
3,197,242
179 : 3,216,750
183 : 3,185,506
189 : 3,180,663
3,214,199
190 : 3,210,099
3,219,366
197 : 3,188,121
3,218,093
200 : 3,195,932
203 : 3,185,507
204 : 3,208,775
205 : 3,211,474
206 : 3,177,014
222 : 3,171,676
224 : 3,198,557
226 : 3,169,785
228 : 3,198,558
229 : 3,164,401
3,211,475
230 : 3,212,797
3,212,798
231 : 3,199,899
3,201,152

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233 : 3,198,559
3,206,233
3,215,455
3,223,438
235 : 3,212,799
236 : 3,177,015
238 : 3,186,743
3,203,715
3,219,367
239 : 3,210,100
243 : 3,167,334
3,181,900
3,191,975
247 : 3,177,016
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249 : 3,188,122
3,201,153
3,218,094
252 : 3,174,777
256 : 3,165,338
3,222,094
258 : 3,210,101
3,211,476
263 : 3,165,339
264 : 3,216,751
266 : 3,180,664
268 : 3,206,234
270 : 3,177,017
277 : 3,177,018
3,188,123
284 : 3,208,776
285 : 3,219,368
286 : 3,198,560
3,201,154
3,211,477
288 : 3,177,019
3,224,797
3,224,798
302 : 3,199,900
305 : 3,220,754
308 : 3,207,536
312 : 3,195,934
3,204,991
316 : 3,165,340
3,195,935
317 : 3,167,335
3,215,456
318 : 3,218,095
322 : 3,178,208
323 : 3,214,200
328 : 3,211,478
330 : 3,183,024
3,204,992
332.1 : 3,218,096
.3 : 3,166,345
.3 : 3,226,138
333 : 3,175,850
334 : 3,224,799
.5 : 3,195,936
337 : 3,175,851
341 : 3,174,778
3,185,508
3,215,457
342 : 3,194,592
350 : 3,201,155
353 : 3,207,537
355 : 3,173,712
360 : 3,211,479
363 : 3,214,201
3,219,369
364 : 3,198,561
3,199,901
3,214,202
365 : 3,201,156
367 : 3,181,901
368 : 3,179,449
3,219,370
373 : 3,186,744
3,223,439
374 : 3,210,102
406 : 3,165,341
410 : 3,207,538
414 : 3,214,203

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2 : 3,169,031
3,222,095
20 : 3,184,257
3,219,371
3,226,139
.2 : 3,226,140
21 : 3,206,235
3,210,103
49 : 3,208,777
52 : 3,165,342
3,168,338
3,190,681
3,197,243
3,210,104
.04: RE.25,929
.05: 3,164,402
52.05: 3,175,852
.05: 3,191,976
.05: 3,206,236
53 : 3,167,336
3,167,337
3,169,032
3,172,689
3,179,450
3,181,902
3,184,258
3,188,124
3,193,312
3,211,480
3,214,204
3,215,458
3,222,096
.5 : 3,174,779
54 : 3,185,509
3,189,373
3,195,937
3,195,938
3,208,778
3,211,481
3,216,752
3,218,097
58 : 3,194,593
3,197,244
3,198,562
3,211,482
62 : 3,224,800
78 : 3,183,025
81 : 3,174,780
82 : 3,195,939
85 : 3,207,539
87 : 3,165,343
3,168,339
3,177,020
3,178,209
3,197,245
3,199,902
3,202,444
3,208,779
3,210,105
3,210,106
3,211,483
3,216,753
3,216,754
3,220,755
3,220,756
3,226,141
3,226,142
88 : 3,172,690
90 : 3,191,977
3,210,107
3,224,801
93 : 3,193,313
3,201,157
3,203,716
3,210,108
3,219,372
96 : 3,183,026
3,198,563
100 : 3,179,451
3,185,510
3,199,903
3,216,755
3,218,098
103 : 3,174,781
3,179,452
3,219,373
104 : 3,220,757
111 : 3,203,717
3,215,459
3,226,143
117 : 3,201,158
3,211,484
119 : 3,167,338
3,168,340
3,168,341
3,186,745
3,194,594
125 : 3,173,713
126 : 3,170,721
3,211,485
127 : 3,173,714
3,178,210
129 : 3,185,511

Class 289

1.2 : 3,223,440
.5 : 3,212,800
2 : 3,166,346
3,168,342
3,188,125
4 : 3,202,445
13 : 3,214,205
14 : 3,214,206
3,215,460
17 : 3,169,787
3,177,021
3,180,665
18 : 3,179,453
3,215,461
18 : 3,220,758

Class 290

1 : 3,175,094
3,206,609
2 : 3,219,831
4 : 3,187,188
3,188,479
3,191,050
3,210,553
3,221,172
5 : 3,165,635
31 : 3,221,173
38 : 3,167,659
3,175,095
3,177,368
3,180,997
3,206,610
3,210,554
40 : 3,171,966
3,176,142
3,187,189
3,187,190
3,192,394
3,198,954
3,210,555
3,219,832
3,222,532
3,226,558
42 : 3,200,255
3,204,110
52 : 3,177,369
3,185,854
3,187,191
54 : 3,209,155
3,209,156
55 : 3,222,533

Class 291

3 : 3,201,159
11 : 3,207,540
3,210,109
46 : 3,185,512

Class 292

5 : 3,181,903
11 : 3,188,126
15 : 3,219,374
18 : 3,178,213
19 : 3,186,746
22 : 3,215,462
26 : 3,207,542
40 : 3,183,027
48 : 3,206,237
50 : 3,177,022
52 : 3,207,543
59 : 3,174,782
60 : 3,179,454
61 : 3,222,097
62 : 3,203,718
65 : 3,179,455
66 : 3,212,801
3,214,207
70 : 3,180,666
3,208,780
71 : 3,201,160
76 : 3,214,208
80 : 3,189,374
84 : 3,191,978
86 : 3,175,853
93 : 3,181,904
101 : 3,197,246
3,212,802
102 : 3,205,003
103 : 3,174,783
107 : 3,212,803
109 : 3,181,905
3,207,544
111 : 3,204,993
113 : 3,174,784
3,189,375
3,193,314
3,194,595
3,226,144
117 : 3,198,564
120 : 3,220,759
123 : 3,173,715
128 : 3,177,023
3,208,781
3,212,804
144 : 3,167,339
3,179,456
147 : 3,173,716
163 : 3,172,691
3,197,247
167 : 3,203,719
169 : 3,186,747
3,193,315
3,216,756
173 : 3,201,161
3,222,098
175 : 3,171,678
177 : 3,169,788
195 : 3,179,457
3,206,238
198 : 3,206,239
200 : 3,180,667
202 : 3,166,347
3,201,162
205 : 3,207,545
216 : 3,171,677
3,190,682
3,201,163
3,206,240
218 : 3,212,805
220 : 3,207,541
224 : 3,188,127
227 : 3,204,994
228 : 3,174,785
229 : 3,206,241
240 : 3,188,128
246 : 3,224,802
251.5 : 3,174,786
.5 : 3,186,748
.5 : 3,204,995
.5 : 3,208,782
256.5 : 3,164,403
.69: 3,178,211
262 : 3,195,940
273 : 3,164,404
276 : 3,180,668
280 : 3,171,679
3,178,212
3,180,669
3,201,164
3,203,720
281 : 3,185,513
288 : 3,174,787
302 : 3,183,029
303 : 3,183,030
304 : 3,170,722
311 : 3,167,340
3,172,692
336.3 : 3,191,979
.3 : 3,194,596
.3 : 3,201,165
.3 : 3,203,721
.3 : 3,208,783
.3 : 3,208,784
.3 : 3,212,806
337 : 3,190,683
3,208,785
341.11: 3,191,980
.12: 3,171,680
.13: 3,207,546
.15: 3,179,458
.15: 3,204,996
.16: 3,188,129
.18: 3,223,441
347 : 3,174,788
3,190,684
348 : 3,211,486
353 : 3,177,024
3,211,487
356 : 3,179,459
358 : 3,216,757

Class 293

4 : 3,203,722
30 : 3,226,146
62 : 3,183,028
65 : 3,226,145
73 : 3,173,717
3,210,110
89 : 3,203,723
3,203,724

Class 294

1 : 3,204,997
5.5 : 3,166,348
15 : 3,169,033
3,178,214
3,180,670
3,214,209
3,226,147
16 : 3,169,034
3,169,789
3,181,906
3,186,749
3,197,248
3,199,904
3,207,547
3,211,488
3,214,210
3,219,375
3,219,376
3,226,148
19 : 3,169,790
3,183,031
3,194,597
3,208,786
3,210,111
3,215,463
19 : 3,218,099
3,219,377
20 : 3,185,514
22 : 3,199,905
27 : 3,185,515
31.2 : 3,211,489
33 : 3,166,349
3,177,025
3,193,316
50 : 3,226,149
.5 : 3,198,719
.7 : 3,210,112
.7 : 3,219,378
54 : 3,177,026
3,198,565
56 : 3,186,750
63 : 3,179,460
64 : 3,174,789
3,195,941
3,203,725
3,219,379
3,219,380
3,223,442
65 : 3,183,032
3,223,443
.5 : 3,169,791
.5 : 3,198,566
66 : 3,178,215
67 : 3,164,405
3,165,344
3,165,345
3,167,341
3,167,342
3,167,343
3,170,723
3,171,681
3,177,027
3,178,216
3,189,376
3,193,317
3,206,242
3,212,807
69 : 3,185,516
3,195,942
3,219,381
70 : 3,191,982
3,198,567
74 : 3,167,344
3,181,907
3,188,130
3,203,726
77 : 3,165,346
78 : 3,194,598
80 : 3,194,599
81 : 3,180,671
3,191,983
3,197,249
3,206,243
3,210,113
3,210,114
3,212,808
3,219,382
3,220,760
3,220,761
82 : 3,202,446
3,210,115
83 : 3,167,345
3,173,718
3,174,790
3,175,854
3,177,028
3,179,461
3,181,908
3,191,984
3,193,318
3,208,787
3,218,100
3,224,803
3,224,804
84 : 3,167,346
86 : 3,178,217
3,184,259
.13: 3,166,350
.13: 3,173,719
.15: 3,199,906
.15: 3,208,788
.29: 3,199,907
.31: 3,191,981
87 : 3,185,517
.2 : 3,167,347
.2 : 3,184,260
.2 : 3,199,908
.2 : 3,199,909
.2 : 3,202,447
.2 : 3,202,448
.24: 3,174,791
.26: 3,186,751
88 : 3,164,406
3,165,347
3,165,348
3,177,029
3,180,672
3,193,319
3,198,568
88 : 3,199,910
3,202,449
3,211,490
89 : 3,201,166
90 : 3,172,693
3,190,685
3,215,464
91 : 3,202,450
93 : 3,172,694
95 : 3,199,911
96 : 3,166,351
97 : 3,165,349
101 : 3,178,218
3,189,377
102 : 3,197,250
104 : 3,175,855
3,178,219
3,186,752
3,197,251
3,198,569
3,207,548
110 : 3,193,320
3,208,789
113 : 3,198,570
118 : 3,201,167
131 : 3,195,943

Class 296

1 : 3,186,753
3,201,168
3,212,809
10 : 3,181,909
3,222,099
3,224,805
19 : 3,204,998
20 : 3,222,100
23 : 3,165,350
3,170,724
3,175,856
3,175,857
3,177,030
3,179,462
3,181,910
3,185,518
3,186,754
3,193,321
3,212,810
3,215,465
3,219,383
24 : 3,190,686
3,190,687
3,214,211
3,226,150
26 : 3,184,261
3,198,571
3,223,444
27 : 3,168,343
28 : RE.25,914
3,168,344
3,177,031
3,185,519
3,186,755
3,188,131
3,188,132
3,191,985
3,195,944
3,198,572
3,199,912
3,202,451
3,202,452
3,208,790
3,211,491
3,216,758
3,219,384
3,222,101
35 : 3,177,032
3,184,262
3,218,101
37 : 3,177,033
3,181,911
3,210,116
.2 : 3,210,117
44 : 3,184,263
3,201,169
3,208,791
46 : 3,195,945
47 : 3,204,999
50 : 3,211,493
56 : 3,189,378
57 : 3,179,463
3,180,673
63 : 3,170,725
3,172,695
65 : 3,165,351
3,188,133
3,207,549
66 : 3,171,682
66 : 3,202,453
68 : 3,220,762
69 : 3,188,134
3,198,573
76 : 3,211,494
3,216,760
78.1 : 3,193,322
84 : 3,167,348
3,171,683
3,215,466
87 : 3,174,792
91 : 3,203,727
3,214,215
95 : 3,184,264
3,205,000
3,214,216
3,219,385
97 : 3,183,033
3,184,265
3,191,986
3,193,323
3,195,946
3,199,913
3,201,170
3,206,244
3,208,792
3,226,151
3,226,152
99 : 3,169,792
100 : 3,165,352
3,168,345
3,179,464
3,180,674
3,186,756
3,201,171
3,202,454
3,202,455
3,205,001
3,205,002
101 : 3,202,456
3,207,550
102 : 3,190,688
3,191,987
3,203,728
3,206,245
3,216,761
104 : 3,226,153
106 : 3,199,914
3,210,118
107 : 3,180,677
3,195,947
3,203,729
117 : 3,175,858
3,177,034
3,180,675
3,188,135
3,216,762
121 : 3,216,763
136 : 3,170,726
3,175,859
3,180,676
3,222,102
3,222,103
3,223,446
137 : 3,165,353
3,167,349
3,169,793
3,174,793
3,174,794
3,190,689
3,191,988
3,195,948
3,197,252
3,202,457
3,203,730
3,206,246
3,208,793
3,212,811
3,212,812
3,212,813
3,220,763
145 : 3,191,989

Class 297

5 : 3,180,678
16 : 3,172,696
17 : 3,179,465
19 : 3,180,679
28 : 3,186,757
29 : 3,165,354
36 : 3,197,253
37 : 3,207,552
42 : 3,199,915
45 : 3,214,217
56 : 3,220,764
64 : 3,193,324
65 : 3,171,684
68 : 3,211,495
71 : 3,188,136
75 : 3,166,352
3,166,353
83 : 3,191,990
85 : 3,164,407

85 : 3,169,035
3,169,794
3,172,697
3,185,520
3,226,155
88 : 3,179,466
3,207,553
89 : 3,184,266
3,190,690
92 : 3,171,685
93 : 3,175,860
3,175,861
113 : 3,168,346
118 : 3,172,698
3,186,758
124 : 3,220,765
134 : 3,222,104
136 : 3,224,806
140 : 3,195,949
142 : 3,226,154
153 : 3,185,521
155 : 3,212,814
156 : 3,178,220
157 : 3,189,379
159 : 3,174,796
3,191,991
160 : 3,174,795
3,191,992
3,194,600
3,216,764
162 : 3,197,254
3,216,765
170 : 3,212,815
3,212,816
174 : 3,190,691
184 : 3,220,766
186 : 3,193,325
188 : 3,164,408
3,186,759
3,222,105
191 : 3,189,380
3,198,574
3,226,156
192 : 3,180,680
194 : 3,166,354
3,215,467
214 : 3,185,522
216 : 3,165,355
3,165,356
3,186,760
218 : 3,174,797
3,188,137
219 : 3,208,794
3,220,767
3,226,157
223 : 3,199,916
3,220,768
224 : 3,180,681
226 : 3,185,523
227 : 3,195,950
230 : 3,189,381
239 : 3,183,034
3,203,731
247 : 3,185,524
248 : 3,188,138
3,207,551
251 : 3,171,686
3,190,692
253 : 3,170,727
254 : 3,206,247
256 : 3,166,355
3,169,036
257 : 3,193,326
260 : 3,195,951
263 : 3,190,693
267 : 3,167,350
281 : 3,183,035
284 : 3,178,221
3,215,468
304 : 3,224,807
309 : 3,169,795
3,219,386
313 : 3,203,732
316 : 3,173,720
322 : 3,210,119
327 : 3,172,699
328 : 3,198,575
330 : 3,218,102
332 : 3,222,106
333 : 3,194,601
341 : 3,224,808
342 : 3,198,576
344 : 3,170,728
348 : 3,215,469
349 : 3,186,761
351 : 3,189,382
353 : 3,215,470
359 : 3,179,467
361 : 3,226,158
365 : 3,189,383
3,198,577
367 : 3,185,525
374 : 3,195,952
3,206,248
374 : 3,216,766
377 : 3,171,687
3,180,682
379 : 3,185,526
384 : 3,165,357
3,188,139
3,218,103
3,220,769
385 : 3,174,798
3,175,862
3,178,222
3,178,223
3,178,224
3,186,762
3,194,602
3,199,917
3,207,554
386 : 3,178,225
388 : 3,164,409
3,171,688
3,172,700
3,180,684
3,184,267
3,190,694
3,191,993
3,193,327
3,199,918
3,205,004
3,211,496
3,214,218
3,219,387
3,222,107
389 : 3,165,358
3,172,701
3,178,226
3,203,733
3,218,104
391 : 3,171,689
3,180,683
3,207,555
3,216,767
3,224,809
395 : 3,220,770
397 : 3,172,702
3,173,721
3,195,953
3,205,005
3,223,447
3,226,159
403 : 3,174,799
410 : 3,186,763
3,226,160
411 : 3,191,994
3,220,771
416 : 3,174,800
3,206,249
417 : 3,191,995
418 : 3,223,448
423 : 3,167,351
3,173,722
3,205,006
3,220,772
426 : 3,186,764
3,188,140
3,190,695
427 : 3,179,468
3,189,384
429 : 3,185,527
3,189,385
3,205,007
3,212,817
3,223,449
439 : 3,188,141
440 : 3,170,729
3,171,690
3,178,227
3,180,685
3,183,036
3,220,773
441 : 3,195,954
3,222,108
442 : 3,168,347
443 : RE.25,936
445 : 3,165,359
3,167,352
3,170,730
3,181,912
3,201,172
3,208,795
3,223,450
449 : 3,226,161
451 : 3,173,723
3,177,035
3,224,810
452 : 3,170,731
3,179,469
3,195,955
3,205,008
3,211,497
3,222,109
453 : 3,167,353
454 : 3,177,036
455 : RE.25,943
3,171,691
455 : 3,175,863
3,189,386
3,205,009
456 : 3,188,142
3,193,328
3,198,578
3,206,250
457 : RE.25,710
3,206,251
458 : 3,203,734
460 : 3,197,255
3,205,010
462 : 3,181,913

Class 298

1 : 3,164,410
3,165,360
2 : 3,178,228
5 : 3,189,387
3,212,818
8 : 3,193,329
3,193,330
10 : 3,205,011
3,224,811
17 : 3,181,914
20 : 3,175,864
3,181,761
22 : 3,172,703
3,179,470
3,195,956
3,202,458
3,203,735
3,210,120
3,211,498
23 : 3,164,411
3,173,724
30 : 3,180,686
35 : 3,185,528
3,198,579
38 : 3,183,037

Class 299

1 : 3,198,580
4 : 3,205,012
3,215,471
5 : 3,205,013
8 : 3,210,121
11 : 3,167,354
3,190,696
15 : 3,180,687
17 : 3,203,736
30 : 3,210,122
31 : 3,169,796
3,203,737
3,205,014
34 : 3,164,412
3,178,229
37 : 3,219,388
39 : RE.25,838
3,195,957
3,201,173
3,208,796
43 : 3,165,361
44 : 3,206,252
51 : 3,169,037
53 : 3,219,389
59 : 3,208,797
64 : 3,169,797
3,190,697
3,190,698
3,190,699
3,194,603
3,197,256
3,210,123
71 : 3,170,732
74 : 3,211,499
85 : 3,219,390
3,223,451
87 : 3,174,801
92 : 3,174,802
3,177,037
3,205,015
3,223,452

Class 300

2 : 3,178,230
3,191,996
3,220,774
3,223,453
3,223,454
7 : 3,215,472
14 : 3,210,125
17 : 3,194,604
18 : 3,167,355
21 : 3,165,362
3,167,356
3,175,865
3,177,038
3,186,765
3,199,919
3,207,556
21 : 3,212,819

Class 301

1 : 3,167,357
5 : 3,164,413
3,166,356
3,177,039
3,191,997
3,201,174
3,202,459
3,207,557
6 : 3,168,348
3,177,040
3,186,766
9 : 3,166,357
10 : 3,186,767
13 : 3,194,605
3,194,606
3,199,920
36 : 3,223,455
37 : 3,167,358
3,168,349
3,170,733
3,172,704
3,174,803
3,178,231
3,181,915
3,183,038
3,183,039
3,188,143
3,199,921
3,202,460
3,206,253
3,214,219
3,219,391
3,220,775
38 : 3,208,798
39 : 3,184,268
43 : 3,169,798
51 : 3,174,804
3,178,232
53 : 3,218,105
59 : 3,199,922
63 : 3,210,126
3,214,220
108 : 3,220,776
3,226,162

Class 302

2 : 3,172,705
3,198,581
3,210,124
3,212,820
3,222,110
3,226,163
3 : 3,186,768
3,197,257
14 : 3,168,350
3,170,734
3,185,529
3,198,582
3,201,175
3,212,821
3,212,822
3,216,768
3,220,777
3,226,164
16 : 3,178,233
3,207,558
17 : 3,178,234
3,186,769
3,195,958
3,197,258
3,198,583
3,208,799
3,208,800
3,214,221
3,223,456
3,226,165
23 : 3,205,016
3,210,127
27 : 3,167,359
3,195,959
3,207,559
3,212,823
28 : 3,174,805
3,174,806
3,194,607
3,210,128
3,224,812
29 : 3,180,688
3,181,916
3,188,144
3,199,923
32 : 3,193,331
34 : 3,205,017
36 : 3,171,692
3,175,866
3,199,924
3,210,129
3,210,130
3,219,392
37 : 3,175,867
42 : 3,179,471
3,186,770
49 : 3,171,693
3,178,235
3,178,236
3,178,237
3,203,738
3,206,254
3,219,393
3,224,813
50 : 3,169,799
51 : 3,198,584
52 : 3,174,807
3,180,689
3,180,690
3,189,388
3,191,998
3,193,332
3,199,925
3,202,461
3,206,255
3,207,560
3,212,824
3,215,473
3,220,778
3,226,166
53 : 3,173,725
3,188,145
3,188,146
3,195,960
3,197,259
3,210,131
3,220,779
3,223,457
55 : 3,197,260
3,197,261
56 : 3,175,868
58 : 3,177,042
3,179,472
3,195,961
59 : 3,169,038
3,214,222
3,219,394
61 : 3,202,462
3,214,223
64 : 3,224,814
66 : 3,180,691
3,190,701
3,206,256

Class 303

1 : 3,179,473
2 : 3,199,926
4 : 3,188,147
3,206,257
5 : 3,180,692
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134 : 3,184,619
136 : 3,193,710
3,219,848
141 : Re.25,805
3,164,729
3,171,045

141 : 3,171,987
3,173,030
3,179,821
3,188,503
3,193,711
3,198,965
3,198,966
3,201,616
3,202,842
3,205,379
3,207,932
3,207,933
3,210,574
3,215,867
.4 : 3,181,014
.4 : 3,182,212
.4 : 3,185,867
.4 : 3,188,504
.4 : 3,198,967
.4 : 3,214,613
.4 : 3,217,188
.8 : 3,177,380
144 : 3,171,988
146 : 3,173,031
3,201,617
147 : 3,193,712
3,196,294
3,213,300
149 : 3,204,132
3,206,621
3,206,622
3,218,486
155 : 3,181,015
156 : 3,171,046
157 : 3,225,224

Class 308

1 : 3,171,696
3,183,043
2 : 3,181,918
3,188,151
3,203,739
3,226,167
3 : 3,166,359
3,168,355
3,178,240
3,212,827
3,215,474
3,220,782
.5 : 3,166,360
.5 : 3,190,702
.5 : 3,208,803
.5 : 3,224,817
.6 : 3,185,530
.6 : 3,215,475
.8 : 3,164,418
.8 : 3,164,419
.8 : 3,169,806
.8 : 3,171,697
.8 : 3,171,698
.8 : 3,186,772
.8 : 3,194,610
.8 : 3,205,025
.8 : 3,212,828
.8 : 3,215,476
.9 : 3,206,259
4 : 3,166,361
3,170,735
3,185,531
3,186,773
3,194,611
3,197,262
3,197,263
3,199,929
3,210,134
3,219,397
5 : 3,186,774
3,212,829
3,218,108
6 : 3,168,356
3,186,775
3,190,703
3,194,612
3,198,588
3,199,930
3,210,135
3,210,136
3,219,398
8 : 3,167,361
.2 : 3,183,044
9 : 3,169,807
3,172,709
3,174,809
3,189,389
3,192,000
3,193,334
3,194,613
3,195,963
3,199,931
3,201,181
3,223,463
10 : 3,184,271
3,195,964

10 : 3,199,932
3,201,182
3,224,818
15 : 3,168,357
3,174,810
3,180,696
3,183,045
3,185,532
3,208,804
3,220,783
19 : 3,183,046
21 : 3,210,137
22 : 3,183,047
3,193,335
3,212,830
3,212,831
23 : 3,202,463
26 : 3,170,736
3,171,699
3,194,614
3,215,477
29 : 3,208,805
35 : 3,218,109
36.1 : 3,179,476
.1 : 3,188,152
.2 : 3,190,704
.3 : 3,164,420
.4 : 3,188,153
37 : 3,168,358
3,194,615
3,205,026
40 : 3,203,741
3,206,260
47 : 3,198,589
54 : 3,222,111
59 : 3,170,737
65 : 3,186,776
72 : 3,174,811
3,179,477
3,188,154
3,205,027
3,223,464
73 : 3,202,464
3,205,028
77 : 3,193,336
78 : 3,201,183
83 : 3,211,501
89 : 3,186,777
121 : 3,164,421
3,167,362
3,186,778
3,194,616
3,199,933
3,211,502
3,215,479
3,215,480
122 : 3,169,808
3,193,337
126 : 3,198,590
127 : 3,190,705
132 : 3,164,422
3,184,272
3,210,138
3,224,819
134.1 : 3,177,044
135 : 3,170,738
3,170,739
136 : 3,174,812
137 : 3,170,740
155 : 3,224,820
160 : 3,183,048
3,197,264
3,201,184
3,202,465
170 : 3,165,365
172 : 3,207,563
174 : 3,167,363
3,168,359
3,203,742
176 : 3,214,224
177 : 3,178,241
3,214,225
184 : 3,166,362
3,186,779
3,205,024
3,219,399
185 : 3,192,001
187 : 3,177,045
3,179,478
3,195,965
3,206,261
3,212,832
3,223,465
.1 : 3,169,809
.1 : 3,226,168
.2 : 3,174,813
.2 : 3,203,740
.2 : 3,206,262
.2 : 3,218,110
.2 : 3,224,821
189 : 3,167,364
192 : 3,220,784
193 : 3,168,360
3,192,002
195 : 3,212,833
196 : 3,201,185
199 : 3,199,934
3,208,806
204 : 3,188,155
207 : 3,164,423
3,166,363
3,202,466
212 : 3,193,338
3,206,263
217 : 3,167,365
3,172,710
3,199,935
3,202,467
3,205,029
219 : 3,194,617
3,226,169
225 : 3,188,156
230 : 3,220,785
231 : 3,194,618
235 : 3,226,170
236 : 3,169,040
238 : 3,167,366
240 : 3,206,264
3,220,786
241 : 3,212,834
243 : 3,164,424

Class 310

2 : 3,184,620
3 : 3,200,269
3,219,849
4 : 3,169,200
3,173,032
3,174,063
3,175,105
3,176,164
3,176,165
3,176,166
3,179,822
3,187,205
3,189,765
3,189,766
3,191,076
3,194,989
3,196,295
3,198,968
3,198,969
3,201,618
3,201,619
3,202,843
3,202,844
3,205,380
3,206,624
3,210,575
3,211,930
3,215,868
3,217,189
3,218,487
3,223,857
3,223,858
5 : 3,187,206
3,191,077
3,205,381
6 : 3,167,666
3,173,033
3,184,621
3,192,414
3,206,625
3,222,553
3,225,225
7 : 3,201,620
8.1 : 3,176,167
.2 : 3,179,826
.2 : 3,185,868
.2 : 3,189,767
.2 : 3,198,970
.2 : 3,209,176
.2 : 3,218,488
.3 : 3,168,659
.3 : 3,173,034
.3 : 3,177,381
.3 : 3,181,016
.3 : 3,192,415
.3 : 3,202,845
.3 : 3,209,177
.3 : 3,210,580
.3 : 3,211,931
.4 : 3,170,076
.4 : 3,179,823
.4 : 3,185,869
.4 : 3,206,626
.5 : 3,200,270
.6 : 3,166,683
.6 : 3,167,667
.6 : 3,192,416
.6 : 3,192,417
.6 : 3,219,850
.6 : 3,225,226
.7 : 3,166,684
.7 : 3,168,660
.7 : 3,171,047
.7 : 3,171,989
8.7 : 3,175,106
.7 : 3,177,382
.7 : 3,183,378
.7 : 3,187,207
.7 : 3,192,418
.9 : 3,171,048
.9 : 3,200,271
.9 : 3,201,621
9.1 : 3,173,035
.1 : 3,192,419
.1 : 3,209,178
.1 : 3,221,189
.4 : 3,176,168
.4 : 3,185,870
.5 : 3,192,420
.7 : 3,165,651
.7 : 3,167,668
.7 : 3,202,846
.8 : 3,175,107
10 : 3,167,669
3,194,990
11 : 3,165,652
3,170,077
3,171,990
3,176,169
3,177,383
3,178,596
3,179,824
3,182,213
3,183,379
3,183,380
3,183,381
3,185,871
3,189,768
3,196,296
3,201,622
3,209,179
3,210,576
3,211,932
3,214,614
3,214,615
3,214,616
3,215,869
3,215,870
3,215,871
3,217,190
3,219,851
3,219,852
3,223,859
3,223,860
3,225,227
12 : 3,176,170
3,177,384
3,225,228
13 : 3,218,489
14 : 3,202,847
3,219,853
3,219,854
15 : 3,173,036
3,177,385
3,209,180
17 : 3,183,382
20 : 3,175,108
3,215,872
21 : 3,171,991
3,223,861
22 : 3,204,133
25 : 3,202,848
3,221,190
26 : 3,165,653
3,173,037
3,194,991
3,198,971
3,209,181
27 : 3,194,992
29 : 3,167,670
3,170,078
30 : 3,177,386
3,184,622
35 : 3,222,554
36 : 3,184,623
3,217,191
3,221,191
37 : 3,164,732
3,164,733
3,191,078
3,202,849
3,202,850
38 : 3,176,171
3,213,301
39 : 3,171,992
40 : 3,187,208
3,225,229
42 : 3,176,172
3,204,134
43 : 3,166,685
3,194,993
3,196,297
3,210,577
45 : 3,171,993
3,213,302
46 : 3,165,654
3,204,135
48 : 3,211,933
49 : 3,197,659
3,204,136
3,217,192
50 : 3,171,994
3,196,298
3,213,303
3,213,305
3,225,230
51 : 3,171,996
3,226,579
52 : 3,189,769
53 : 3,213,304
54 : 3,165,655
3,184,624
3,185,872
3,214,617
3,217,193
3,218,490
55 : 3,191,079
57 : 3,207,934
3,218,491
3,219,855
3,226,580
59 : 3,175,109
3,176,173
3,184,625
3,206,627
3,226,581
3,226,582
64 : 3,225,231
66 : 3,185,873
67 : 3,179,825
68 : 3,168,661
3,173,038
3,183,383
3,194,994
3,198,972
3,200,272
3,200,273
3,200,274
3,211,934
3,215,873
3,217,194
3,219,856
3,221,192
3,222,555
3,223,862
3,225,232
69 : 3,185,874
70 : 3,198,973
3,198,974
3,218,492
71 : 3,185,875
3,210,578
3,219,857
75 : 3,173,039
3,201,623
3,206,628
3,223,863
76 : 3,165,656
3,217,195
77 : 3,174,064
3,185,876
3,219,858
78 : 3,174,065
81 : 3,196,299
3,210,579
83 : 3,167,671
3,169,201
3,169,202
3,173,040
3,175,110
3,187,209
3,209,182
3,217,196
86 : 3,168,662
87 : 3,182,214
3,209,183
3,211,935
89 : 3,196,300
90 : 3,167,672
3,168,663
3,183,384
3,196,301
3,200,275
3,210,581
3,214,618
3,221,193
91 : 3,179,827
93 : 3,167,673
3,176,174
94 : 3,223,864
95 : 3,171,995
3,173,041
3,178,597
3,181,017
3,192,421
3,201,624
3,218,493
96 : 3,184,626
98 : 3,178,598
103 : 3,183,385
3,209,184
3,223,865
104 : 3,168,664
3,196,302
105 : 3,167,674
3,170,079
3,176,175
3,198,975
3,215,874
3,217,197
108 : 3,177,041
112 : 3,168,665
3,173,042
115 : 3,185,877
118 : 3,191,080
126 : 3,175,111
3,209,185
128 : 3,173,043
137 : 3,184,627
149 : 3,183,386
153 : 3,226,583
154 : 3,173,044
3,178,599
3,182,215
3,191,081
3,201,625
3,205,382
3,215,875
3,225,233
155 : 3,217,198
3,219,859
3,223,866
156 : 3,164,734
3,164,735
3,169,203
3,181,018
3,181,019
3,183,387
3,189,770
3,189,771
3,210,582
3,215,876
3,218,494
3,221,194
160 : 3,177,387
3,197,660
162 : 3,189,772
3,205,383
3,206,623
3,206,629
3,219,862
3,226,584
164 : 3,175,112
3,181,020
3,204,137
166 : 3,178,600
3,187,211
3,223,867
168 : 3,166,686
3,171,049
3,182,216
3,184,628
3,193,713
3,205,384
3,215,877
3,215,878
172 : 3,191,083
3,196,303
3,207,935
3,214,619
178 : 3,187,212
3,211,936
3,217,199
179 : 3,221,195
181 : 3,214,620
183 : 3,179,828
185 : 3,223,868
186 : 3,201,626
191 : 3,192,422
3,200,276
194 : 3,196,304
3,226,585
198 : 3,201,627
201 : 3,192,423
203 : 3,205,385
208 : 3,176,176
3,205,386
209 : 3,187,213
3,200,277
211 : 3,164,736
3,194,995
3,194,996
3,213,306
215 : 3,210,583
3,214,621
219 : 3,168,666
3,191,082
3,191,084
225 : 3,200,278
227 : 3,206,630
228 : 3,173,045
232 : 3,185,878
233 : 3,171,997
3,205,387
234 : 3,209,186
3,213,307
234 : 3,223,869
235 : 3,171,998
3,179,829
3,182,217
236 : 3,192,424
3,193,714
239 : 3,167,675
3,171,050
3,182,218
3,187,214
3,204,138
3,219,860
246 : 3,173,046
3,175,113
3,191,085
3,215,879
3,225,234
247 : 3,176,177
3,177,388
3,179,830
249 : 3,170,080
3,173,047
254 : 3,226,586
258 : 3,167,676
3,174,066
259 : 3,188,505
3,202,851
265 : 3,210,584
266 : 3,209,187
268 : 3,165,657
3,169,204
3,171,051
3,179,831
3,189,773
3,193,715
3,219,861
3,221,196
3,223,870
3,225,235
270 : 3,171,999

Class 312

6 : 3,184,273
7 : 3,164,425
3,194,619
12 : 3,170,741
19 : 3,216,773
30 : 3,186,780
31.2 : 3,211,503
35 : 3,165,366
38 : 3,198,591
3,214,226
3,215,481
3,222,112
39 : 3,167,367
3,167,368
3,210,139
42 : 3,193,339
3,210,140
3,226,171
45 : 3,178,242
3,194,620
3,203,743
71 : 3,167,369
3,181,919
3,214,227
3,220,787
3,224,822
73 : 3,173,728
3,207,564
97 : 3,190,706
107 : 3,219,400
.5 : 3,175,872
108 : 3,170,742
3,224,823
111 : 3,195,966
3,203,744
138 : 3,189,390
140.1 : 3,169,810
.1 : 3,169,811
.1 : 3,197,265
.1 : 3,202,468
.1 : 3,226,172
.3 : 3,179,479
.3 : 3,219,401
183 : 3,203,745
3,224,824
184 : 3,172,711
3,190,707
186 : 3,197,266
190 : 3,169,812
193 : 3,205,030
195 : 3,177,046
3,222,113
196 : 3,184,274
197 : 3,172,712
198 : 3,198,592
3,214,228
199 : 3,168,361
200 : 3,171,700
3,178,243
3,186,781
200 : 3,202,469
3,208,807
201 : 3,203,746
202 : 3,188,157
204 : 3,166,364
3,174,814
3,192,003
3,207,565
3,216,774
205 : 3,214,229
206 : 3,189,391
3,194,621
208 : 3,166,365
3,185,533
3,199,936
3,206,265
209 : 3,164,427
3,167,370
3,173,729
3,185,534
3,207,566
3,210,141
3,219,402
213 : 3,164,428
3,170,743
3,184,275
3,190,708
3,193,340
3,197,267
3,210,142
214 : 3,168,362
3,179,480
3,194,622
3,211,505
3,214,230
3,218,111
3,222,114
216 : 3,189,392
3,206,266
220 : 3,188,160
3,223,466
221 : 3,183,049
3,199,937
222 : 3,198,593
223 : Re.25,919
3,166,366
3,173,730
3,179,481
3,181,920
3,181,921
3,185,535
3,205,031
3,205,032
3,222,115
3,224,825
3,224,826
3,226,173
227 : 3,164,429
3,202,470
228 : 3,190,709
3,206,267
229 : 3,210,144
231 : 3,165,367
3,168,363
3,189,393
3,189,394
3,202,471
3,206,268
233 : 3,215,482
234.1 : 3,181,922
.1 : 3,220,788
.4 : 3,164,430
235 : 3,172,713
3,207,567
236 : 3,172,714
3,205,033
3,216,775
3,220,789
238 : 3,198,594
239 : 3,211,506
240 : 3,220,790
241 : 3,201,186
242 : 3,165,368
3,203,747
3,220,791
244 : 3,192,004
245 : 3,193,341
3,222,116
246 : 3,195,967
249 : 3,215,483
252 : 3,203,748
253 : 3,223,467
3,226,174
255 : 3,181,923
3,195,968
3,211,507
3,219,403
3,223,468
256 : 3,208,808
257 : 3,178,244
3,178,245
3,178,246
3,211,508
263 : 3,174,815

Class 312—Con.

263 : 3,186,782
3,190,710
264 : 3,222,117
266 : 3,224,827
268 : 3,178,247
3,186,783
269 : 3,195,969
270 : 3,169,813
3,183,050
273 : 3,171,701
274 : 3,184,276
276 : 3,184,277
277 : 3,188,158
281 : 3,185,536
3,210,143
282 : 3,164,431
284 : 3,169,342
3,190,711
293 : 3,180,697
295 : 3,208,809
296 : 3,175,873
3,208,810
3,214,231
3,216,776
297 : 3,168,364
298 : 3,172,715
303 : 3,219,404
305 : 3,188,159
306 : 3,188,161
308 : 3,177,047
311 : 3,190,712
3,195,970
3,212,835
316 : 3,186,784
319 : 3,167,371
3,206,269
320 : 3,164,432
3,190,713
3,193,342
3,206,270
328 : 3,169,041
329 : 3,166,367
3,211,509
330 : 3,181,924
331 : 3,178,248
333 : 3,194,623
3,199,938
3,218,112
339 : 3,181,925
3,186,785
3,203,749
346 : 3,201,187
3,211,510
348 : 3,190,714
350 : 3,178,249
351 : 3,168,365
3,177,048
3,185,537
3,206,271
3,212,836
3,219,405

Class 313

1 : 3,193,716
7 : 3,173,048
3,221,197
12 : 3,172,000
14 : 3,206,631
25 : 3,206,632
3,218,495
3,221,198
3,222,556
30 : 3,165,658
32 : 3,202,852
33 : 3,184,629
35 : 3,205,388
37 : 3,219,863
43 : 3,209,188
44 : 3,222,557
51 : 3,219,864
54 : 3,205,389
57 : 3,179,832
3,192,425
59 : 3,222,558
61 : 3,182,219
3,222,559
63 : 3,178,601
3,182,220
3,209,189
3,225,236
65 : 3,185,891
3,188,506
3,191,086
3,202,853
3,202,854
3,205,390
3,213,308
3,225,237
3,225,240
67 : 3,175,114
3,218,496
68 : 3,181,021
3,197,661
3,201,628
69 : 3,164,737
3,188,507
3,188,508
3,196,305
70 : 3,184,630
71 : 3,179,833
3,202,855
73 : 3,164,738
3,213,309
74 : 3,211,937
75 : 3,207,936
3,226,587
76 : 3,193,717
3,205,391
3,226,588
77 : 3,201,629
78 : 3,185,879
3,185,880
82 : 3,164,426
3,175,115
3,183,388
3,185,881
3,213,310
3,213,311
83 : 3,185,882
3,223,871
84 : 3,178,602
3,189,775
3,201,631
3,217,200
86 : 3,178,603
3,198,976
3,205,392
89 : 3,173,049
3,179,834
3,179,835
3,189,774
3,202,856
3,202,857
3,207,937
3,221,199
3,226,589
92 : 3,177,389
3,179,836
3,210,585
3,223,872
3,225,238
93 : 3,183,389
3,207,938
3,222,560
95 : 3,183,390
3,201,630
99 : 3,177,390
101 : 3,209,190
3,213,312
103 : 3,182,221
3,197,663
3,225,239
104 : 3,176,178
3,197,662
108 : 3,166,687
3,167,677
3,173,050
3,175,116
3,177,391
3,184,631
3,192,426
3,197,664
3,200,279
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115 : 3,165,659
116 : 3,175,117
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118 : 3,219,866
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130 : 3,202,859
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146 : 3,189,776
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156 : 3,194,998
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191 : 3,168,669
193 : 3,187,215
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218 : 3,183,393
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356 : 3,164,741
357 : 3,202,862

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9 : 3,196,308
42 : 3,172,003
61 : 3,173,052
68 : 3,165,661
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74 : 3,170,082
75 : 3,217,205
129 : 3,165,662
130 : 3,177,394

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21 : 3,176,185
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24 : 3,173,053
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59 : 3,176,186
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130 : 3,222,571
135 : 3,183,404
137 : 3,169,213
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169 : 3,165,667
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170 : 3,213,319
171 : 3,196,312
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173 : 3,170,084
177 : 3,202,872
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182 : 3,187,221
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194 : 3,193,725
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339 : 3,179,848
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363 : 3,178,611

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1 : 3,192,005
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5 : 3,189,395
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25 : 3,189,396
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27 : 3,192,006
30 : 3,201,188
31 : 3,184,279
3,226,175

Class 317

2 : 3,164,747
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27 : 3,165,671
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28 : 3,176,190
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36 : Re.25,762
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.5 : 3,213,332
156 : 3,174,082
157 : 3,167,691
3,170,096
3,176,197
3,179,856
3,184,652
3,192,451
.5 : 3,191,102
.5 : 3,215,904
.5 : 3,218,522
.6 : 3,191,103
.62: 3,184,653
.62: 3,195,020
158 : 3,167,692
3,173,066
3,174,083
3,175,131
3,176,198
3,179,857
3,182,231
3,185,899
3,185,900
3,187,235
3,187,236
3,187,237
3,188,530
3,188,531
3,193,734
3,193,735
3,197,678
3,198,994
3,200,303
3,205,413
3,206,654
3,207,960
3,211,965
3,211,966
3,214,645
3,215,905
3,223,896
3,223,897
3,225,269
3,225,270
159 : 3,164,756
3,178,620
159 : 3,179,858
3,184,654
3,184,655
3,195,021
3,195,022
3,204,154
3,206,655
3,223,898
162 : 3,219,888
163 : 3,187,238
164 : 3,183,417
165 : 3,167,693
3,181,040
3,202,885
167 : 3,173,067
169 : 3,175,132
171 : 3,165,676
3,182,232
3,202,886
3,214,646
172 : 3,195,023
3,198,995
3,206,656
3,218,523
173 : 3,172,021
3,172,022
3,177,412
176 : 3,181,041
3,201,659
3,210,616
177 : 3,193,736
178 : 3,213,333
3,226,605
181 : 3,169,215
182 : 3,182,233
3,185,901
184 : 3,185,902
3,201,660
185 : 3,179,859
186 : 3,166,692
3,196,322
187 : 3,164,757
3,213,334
189 : 3,201,661
191 : 3,195,024
3,201,662
3,207,961
3,226,606
192 : 3,170,097
3,183,418
194 : 3,164,758
195 : 3,198,996
197 : 3,176,199
3,184,656
3,188,532
200 : 3,165,677
3,174,084
3,176,200
3,181,042
3,182,234
3,188,533
3,188,534
3,191,104
3,191,105
3,192,452
3,195,025
3,197,680
3,205,414
3,205,415
3,215,906
3,225,271
201 : 3,167,694
3,168,686
3,187,239
3,191,106
203 : 3,219,889
230 : 3,166,693
3,174,085
3,182,235
3,182,236
3,189,797
3,196,323
3,196,324
3,198,997
3,204,156
3,205,416
3,206,658
3,214,647
3,214,648
3,214,649
3,214,650
3,221,217
3,223,899
3,226,607
231 : 3,198,998
3,211,967
3,211,968
234 : 3,165,678
3,168,687
3,169,217
234 : 3,170,098
3,171,067
3,171,068
3,171,069
3,173,068
3,176,201
3,176,202
3,177,413
3,178,621
3,179,860
3,182,237
3,184,657
3,184,658
3,187,240
3,187,241
3,188,535
3,188,536
3,189,798
3,189,799
3,192,453
3,192,454
3,193,737
3,193,738
3,193,739
3,195,026
3,196,325
3,196,326
3,196,327
3,196,328
3,196,329
3,198,999
3,199,000
3,199,001
3,199,002
3,200,310
3,200,311
3,201,664
3,202,887
3,202,888
3,204,157
3,204,158
3,207,962
3,209,213
3,209,214
3,209,215
3,209,216
3,210,617
3,210,618
3,210,619
3,210,620
3,211,969
3,213,336
3,213,337
3,214,651
3,215,907
3,217,212
3,217,213
3,218,524
3,219,890
3,219,891
3,221,218
3,221,219
3,222,579
3,222,580
3,223,900
3,223,901
3,223,902
3,226,608
3,226,609
3,226,610
3,226,611
3,226,612
3,226,613
3,226,614
235 : 3,166,694
3,173,069
3,176,203
3,177,414
3,179,861
3,181,043
3,188,537
3,189,800
3,193,740
3,196,330
3,197,681
3,199,003
3,201,665
3,204,159
3,204,160
3,204,161
3,210,621
3,210,622
3,211,970
3,211,971
3,211,972
3,213,338
3,213,339
3,214,652
3,214,653
3,215,908
3,217,214
3,217,215
3,218,525
3,221,220

Class 317—Con.

235 : 3,223,903
3,223,904
3,225,272
236 : RE.25,875
3,189,801
3,210,623
3,221,221
237 : 3,176,204
3,201,666
3,210,624
3,214,654
3,225,273
238 : 3,184,659
3,193,741
3,221,222
240 : 3,199,004
3,209,218
242 : 3,181,044
3,183,419
3,195,027
3,221,223
243 : 3,209,217
3,219,892
245 : 3,185,903
246 : 3,167,695
3,188,538
3,195,028
3,200,312
3,214,655
3,218,526
3,222,581
3,226,615
247 : 3,192,455
248 : 3,188,539
3,191,107
3,206,659
3,213,340
3,214,656
249 : 3,166,695
3,170,099
3,172,023
3,175,133
3,175,134
3,175,135
3,181,045
3,185,904
3,193,742
3,196,331
3,202,889
3,202,890
3,205,417
3,218,527
3,219,893
3,225,274
3,225,275
3,226,616
250 : 3,166,696
3,189,802
3,192,456
3,217,216
251 : 3,175,136
3,204,162
253 : 3,217,217
3,221,224
254 : 3,189,803
3,204,163
3,209,219
256 : 3,178,622
3,185,905
3,221,225
3,225,276
258 : 3,175,137
3,178,623
3,179,862
3,184,660
3,185,906
3,185,907
3,191,108
3,195,030
3,201,667
3,202,891
3,202,892
3,213,341
3,214,657
3,215,909
3,218,528
3,221,226
3,221,227
3,221,228
3,223,905
259 : 3,214,658
260 : 3,182,238
3,192,457
3,195,031
3,204,164
3,206,660
3,206,661
3,211,973
3,215,910
261 : 3,169,216
3,177,415
3,184,661
261 : 3,187,242
262 : 3,172,024
3,182,239
3,197,682
3,200,313
3,201,668
3,215,911

Class 318

2 : 3,173,070
3,191,109
6 : 3,179,863
3,185,908
3,187,243
3,189,804
3,210,625
7 : 3,218,529
3,223,906
8 : 3,214,659
13 : 3,202,893
3,205,418
16 : 3,169,218
3,193,743
3,197,683
3,199,005
3,215,912
3,218,530
17 : 3,166,697
3,168,688
3,218,531
18 : 3,183,420
3,184,662
3,193,744
3,209,220
3,210,626
3,211,974
3,215,913
3,219,894
3,221,229
19 : 3,211,975
3,215,914
22 : 3,172,025
23 : 3,168,689
3,188,540
25 : 3,167,696
3,206,662
27 : 3,165,679
3,187,244
28 : 3,164,759
3,165,680
3,165,681
3,166,698
3,167,697
3,167,698
3,170,100
3,170,101
3,171,070
3,172,026
3,175,138
3,176,205
3,179,864
3,179,865
3,181,046
3,182,240
3,183,421
3,188,541
3,188,542
3,189,805
3,191,110
3,192,458
3,197,684
3,202,894
3,206,663
3,209,221
3,209,222
3,211,976
3,214,660
3,215,915
3,218,532
3,219,895
3,221,230
3,226,617
29 : 3,193,745
3,207,963
3,211,977
30 : 3,166,699
3,196,332
3,201,669
3,209,223
31 : 3,171,071
3,182,241
3,189,806
3,207,964
3,210,627
3,210,628
3,214,661
3,219,896
32 : 3,165,682
3,176,206
33 : 3,199,006
3,199,007
3,200,314
3,205,419
37 : 3,172,027
39 : 3,184,663
44 : 3,165,683
46 : 3,210,629
51 : 3,174,086
52 : 3,183,422
3,210,630
58 : 3,184,664
62 : 3,226,618
67 : 3,176,207
3,178,624
3,199,008
3,206,664
72 : 3,164,760
75 : 3,174,087
3,184,668
98 : 3,189,807
99 : 3,205,420
102 : 3,175,139
106 : 3,226,619
118 : 3,170,102
3,177,416
3,196,333
3,217,218
3,223,907
122 : 3,215,916
125 : 3,179,866
3,201,670
127 : 3,168,690
128 : 3,207,965
129 : 3,184,669
3,214,662
3,215,917
3,218,533
3,221,231
135 : 3,179,867
3,185,909
3,218,534
137 : 3,170,103
138 : RE.25,944
3,165,684
3,165,685
3,171,072
3,174,088
3,175,140
3,178,625
3,185,910
3,189,808
3,197,685
3,199,009
3,200,315
3,200,316
3,201,671
3,204,165
3,209,224
3,210,631
3,214,663
3,218,535
3,225,277
139 : 3,188,543
3,207,966
3,222,582
3,223,908
3,223,909
144 : 3,166,700
3,192,459
145 : 3,189,809
3,225,278
146 : 3,170,104
162 : 3,174,089
3,179,868
3,191,111
3,202,895
3,210,632
3,211,978
3,217,219
3,217,220
3,225,279
163 : 3,165,686
3,177,411
165 : 3,199,010
167 : RE.25,893
3,165,687
171 : 3,217,221
3,219,897
173 : 3,175,141
175 : 3,195,032
180 : 3,197,679
186 : 3,173,071
197 : 3,205,421
202 : 3,181,047
3,219,898
203 : 3,183,423
3,218,536
207 : 3,168,691
3,171,073
3,183,424
3,201,672
3,204,166
3,211,979
3,211,980
3,214,664
3,223,910
212 : 3,166,701
212 : 3,209,225
3,211,981
218 : 3,202,896
220 : 3,200,317
221 : 3,167,699
3,201,673
3,207,967
3,211,982
3,226,620
223 : 3,207,968
224 : 3,167,700
3,175,142
3,175,143
3,175,144
3,197,686
3,214,665
3,221,232
3,221,233
3,226,621
225 : 3,187,245
3,193,746
3,204,167
3,226,622
227 : 3,183,425
3,189,810
229 : 3,209,226
230 : 3,182,242
240 : 3,166,702
3,178,626
3,217,222
245 : 3,207,969
246 : 3,165,688
3,171,074
3,181,048
3,191,112
3,195,029
3,200,318
3,222,583
3,225,280
247 : 3,187,246
250 : 3,221,234
252 : 3,191,113
257 : 3,179,869
3,187,247
3,188,544
3,209,227
261 : 3,188,545
3,204,168
3,225,281
264 : 3,204,169
266 : 3,164,761
3,178,627
267 : 3,181,049
3,202,897
3,204,170
269 : 3,182,243
3,189,811
270 : 3,197,687
274 : 3,218,537
275 : 3,185,911
282 : 3,167,701
286 : 3,188,546
3,213,342
291 : 3,219,899
293 : 3,175,145
3,222,584
300 : 3,184,670
3,192,460
302 : 3,179,870
3,183,426
3,201,674
3,215,918
308 : 3,222,585
3,222,586
312 : 3,206,665
314 : 3,174,090
3,176,208
3,207,970
3,218,538
317 : 3,214,666
3,218,539
318 : 3,192,461
325 : 3,173,072
3,184,671
3,202,898
3,221,235
3,221,236
3,223,911
327 : 3,166,703
3,172,028
3,184,665
331 : 3,177,417
3,177,418
3,178,628
3,181,050
332 : 3,176,209
338 : 3,197,688
3,211,983
3,219,900
341 : 3,170,105
3,171,075
3,181,051
3,199,011
3,202,899
341 : 3,213,343
3,223,912
345 : 3,184,672
3,192,462
3,209,228
3,214,667
3,214,668
347 : 3,221,237
349 : 3,215,919
350 : 3,183,427
370 : 3,188,547
379 : 3,204,171
380 : 3,222,587
381 : 3,184,666
432 : 3,217,223
439 : 3,183,428
443 : 3,219,901
445 : 3,189,812
447 : 3,195,033
460 : 3,164,762
3,181,052
3,195,034
466 : 3,199,012
3,210,633
467 : 3,206,666
3,215,920
472 : 3,191,114
3,195,035
473 : 3,187,248
3,192,463
475 : 3,214,669
3,215,921
3,219,902
486 : 3,207,971
489 : 3,164,763
3,182,244
3,184,667
3,193,747
3,199,013
3,201,675
3,221,238
513 : 3,177,419
558 : 3,201,676

Class 320

1 : 3,166,704
3,174,091
3,193,748
3,193,749
3,196,334
3,197,689
3,197,690
3,199,014
3,209,229
3,211,984
3,213,344
3,222,588
2 : 3,200,319
3,200,320
3,209,230
3,214,670
3,217,224
9 : 3,175,146
17 : 3,213,345
3,221,239
18 : 3,165,689
22 : 3,193,750
23 : 3,178,629
30 : 3,179,871
35 : 3,193,751
37 : 3,217,225
38 : RE.25,754
39 : 3,202,900
3,205,422
3,223,913
40 : 3,176,210
3,215,922
3,219,903
43 : 3,226,623
48 : 3,173,073
3,202,901
3,215,923
3,217,226
51 : 3,171,076
3,217,227
53 : 3,164,764
3,217,228
57 : 3,164,765
61 : 3,210,634
3,221,240
68 : 3,215,924
3,217,229

Class 321

2 : 3,171,077
3,192,464
3,196,335
3,202,902
3,213,346
3,217,230
3 : 3,200,321
3,214,671
3 : 3,225,282
4 : 3,213,347
5 : 3,168,692
3,176,211
3,177,420
3,207,972
3,210,635
3,213,348
3,217,231
7 : 3,178,630
3,222,589
8 : 3,176,212
3,204,172
3,210,636
3,219,904
3,219,905
3,223,914
9 : 3,171,078
11 : 3,205,423
3,213,349
12 : 3,193,752
14 : 3,188,548
15 : 3,177,421
16 : 3,182,245
3,195,036
3,201,677
3,214,672
3,219,906
3,225,283
18 : 3,164,766
3,183,429
3,185,912
3,193,753
3,196,336
3,197,691
3,200,322
3,205,424
3,205,425
3,205,426
3,207,973
3,210,637
3,210,638
3,210,639
3,211,985
3,213,350
3,213,351
3,214,673
3,217,232
3,218,540
3,219,907
3,223,915
19 : 3,199,015
25 : 3,170,106
3,199,016
3,226,624
27 : 3,188,549
3,193,754
3,217,233
3,226,625
28 : 3,223,916
35 : 3,164,767
36 : 3,209,231
38 : 3,218,541
40 : 3,210,640
44 : 3,192,465
45 : 3,176,213
3,177,422
3,181,053
3,189,813
3,191,115
3,195,037
3,196,337
3,207,974
3,213,352
3,219,908
3,219,909
46 : 3,210,641
47 : 3,172,029
3,183,430
3,196,338
3,219,910
3,221,241
49 : 3,185,913
3,210,642
50 : 3,205,427
3,206,667
3,209,232
57 : 3,221,242
58 : 3,214,674
3,217,234
3,221,243
61 : 3,170,107
62 : 3,179,872
68 : 3,187,249
3,188,550
3,221,244
3,223,917
69 : 3,164,768
3,165,690
3,170,108
3,185,914
3,196,339
3,201,678
3,211,986
69 : 3,223,918
70 : 3,181,054

Class 322

2 : 3,178,631
3,179,873
3,185,915
3,210,643
4 : 3,178,632
3,196,341
5 : 3,205,428
10 : 3,191,116
16 : 3,226,626
17 : 3,167,702
24 : 3,209,233
3,211,987
25 : 3,179,874
3,189,814
3,201,679
3,210,644
28 : 3,168,693
3,170,109
3,170,110
3,173,074
3,184,673
3,185,916
3,193,755
3,200,323
3,204,173
3,205,429
3,209,234
3,209,235
3,209,236
3,210,645
3,211,988
3,225,284
32 : 3,164,769
3,183,431
3,187,250
3,200,324
33 : 3,175,147
34 : 3,206,668
39 : 3,188,551
40 : 3,173,075
46 : 3,214,675
47 : 3,173,076
51 : 3,225,285
61 : 3,225,286
68 : 3,225,287
73 : 3,173,077
3,225,288
98 : 3,174,092

Class 323

4 : 3,196,342
3,221,245
9 : 3,173,078
3,174,093
3,201,680
3,210,646
17 : 3,193,756
18 : 3,174,094
20 : 3,201,681
21 : 3,210,647
22 : 3,174,095
3,174,096
3,178,633
3,182,246
3,182,247
3,192,466
3,192,467
3,192,468
3,196,343
3,196,344
3,201,682
3,204,174
3,204,175
3,207,975
3,209,237
3,211,989
3,214,676
3,214,677
3,214,678
3,217,236
3,217,237
3,218,542
3,219,911
3,219,912
3,226,627
23 : 3,219,913
24 : 3,176,215
3,209,238
3,217,238
25 : 3,195,038
28 : 3,176,216
41 : 3,218,543
43.5 : 3,167,703
.5 : 3,174,097
.5 : 3,175,148
.5 : 3,177,423
.5 : 3,179,875
.5 : 3,189,816

43.5 : 3,199,017
.5 : 3,200,325
.5 : 3,202,903
.5 : 3,204,176
.5 : 3,206,669
.5 : 3,211,990
.5 : 3,215,929
.5 : 3,217,239
.5 : 3,223,919
.5 : 3,226,628
44 : 3,173,079
3,184,674
3,214,679
3,223,920
45 : 3,172,030
3,176,214
3,179,876
3,185,917
3,199,018
3,201,683
3,209,239
46 : 3,213,353
47 : 3,182,248
48 : 3,188,552
3,196,345
3,222,590
49 : 3,201,684
50 : 3,184,675
51 : 3,181,055
3,193,757
3,195,039
3,217,240
3,221,246
3,225,289
52 : 3,179,877
3,199,019
56 : 3,172,031
3,204,177
3,207,976
3,223,921
3,226,629
58 : 3,167,704
3,171,079
3,202,904
60 : 3,193,758
3,209,240
3,209,241
3,210,648
61 : 3,219,914
3,222,591
62 : 3,167,705
63 : 3,215,925
66 : 3,166,705
3,172,032
3,172,033
3,183,432
3,184,676
3,193,759
3,195,040
3,223,922
3,226,630
68 : 3,185,918
3,192,469
3,215,926
69 : 3,188,553
3,217,241
74 : 3,188,554
3,200,326
3,202,905
3,210,649
3,214,680
3,219,915
75 : 3,172,034
3,193,760
3,211,991
76 : 3,173,080
3,202,906
3,205,430
3,214,681
3,219,916
3,219,917
3,223,923
77 : 3,185,919
78 : 3,176,217
85 : 3,176,218
87 : 3,182,249
89 : 3,178,634
3,178,635
3,183,433
3,184,677
3,188,555
3,191,117
3,192,470
3,199,020
3,200,327
3,200,328
3,202,907
3,210,650
3,211,992
3,218,544
3,219,918
3,219,919
3,222,592
3,225,290

89 : 3,225,291
3,225,292
90 : 3,218,545
93 : 3,206,670
3,215,927
3,218,546
94 : 3,171,080
3,185,920
3,200,329
3,205,431
3,214,682
3,215,928
3,226,631
97 : 3,193,761
99 : 3,207,977
108 : 3,210,651
120 : 3,189,815
122 : 3,211,993
3,219,920

Class 324

.5 : 3,166,706
.5 : 3,166,707
.5 : 3,167,706
.5 : 3,172,035
.5 : 3,173,081
.5 : 3,173,082
.5 : 3,173,083
.5 : 3,173,084
.5 : 3,174,098
.5 : 3,174,099
.5 : 3,178,636
.5 : 3,179,878
.5 : 3,187,251
.5 : 3,188,556
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.5 : 3,191,118
.5 : 3,191,119
.5 : 3,197,692
.5 : 3,199,021
.5 : 3,199,022
.5 : 3,200,330
.5 : 3,202,908
.5 : 3,204,178
.5 : 3,205,432
.5 : 3,206,671
.5 : 3,209,242
.5 : 3,211,994
.5 : 3,213,354
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.5 : 3,214,683
.5 : 3,214,684
.5 : 3,215,930
.5 : 3,222,593
.5 : 3,226,632
1 : 3,166,708
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3,172,036
3,181,056
3,181,057
3,182,250
3,188,558
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3,195,041
3,210,652
3,217,242
3,219,921
2 : 3,195,042
3 : 3,202,909
4 : Re.25,908
6 : 3,166,709
3,168,694
3,179,879
3,187,252
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3,226,633
8 : 3,188,560
10 : 3,205,433
3,213,358
14 : 3,183,434
15 : 3,175,149
3,177,424
16 : 3,210,653
18 : 3,205,434
20 : 3,178,637
23 : 3,202,911
24 : 3,211,995
26 : 3,191,120
28 : 3,182,251
3,217,243
29 : 3,175,150
.5 : 3,185,921
30 : 3,170,111
3,172,037
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3,182,252
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3,201,685
33 : 3,168,695
3,171,081
3,211,996

34 : 3,166,710
3,170,112
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3,185,922
3,205,435
3,209,243
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3,219,922
36 : 3,209,244
37 : 3,170,113
3,170,114
3,185,923
3,189,817
3,202,914
3,225,293
38 : 3,167,708
3,173,085
3,181,059
40 : 3,197,693
3,222,594
3,225,294
41 : 3,165,691
3,209,245
3,226,634
43 : 3,168,696
3,197,694
3,202,912
3,207,978
3,209,246
3,218,547
45 : 3,187,254
3,192,471
3,195,043
3,202,913
3,213,359
3,223,924
47 : 3,210,654
51 : 3,170,115
3,176,219
3,181,060
3,182,253
3,183,435
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3,205,436
3,214,689
3,217,244
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3,219,923
52 : 3,173,086
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53 : 3,176,220
54 : 3,178,639
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3,210,655
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55 : 3,188,562
57 : 3,177,425
3,179,880
3,182,254
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3,204,179
3,206,672
3,206,673
3,210,656
3,217,247
3,218,548
3,219,924
3,222,595
58 : 3,177,426
3,197,696
3,217,248
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3,225,295
.5 : 3,192,472
60 : 3,175,151
3,179,881
3,218,550
61 : 3,176,221
3,176,222
3,177,427
3,182,255
3,185,924
3,187,253
3,187,256
3,188,563
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3,192,473
3,207,979
3,209,247
3,213,360
3,215,931
3,218,551
3,219,925
3,221,247
3,225,296
3,226,635
62 : 3,172,038

62 : 3,181,061
3,193,762
3,195,044
3,195,045
3,197,697
3,207,980
3,210,657
3,211,999
3,212,000
3,212,001
3,213,361
3,225,297
3,225,298
63 : 3,209,248
3,217,249
65 : 3,192,474
3,197,698
3,197,699
3,207,981
3,209,249
3,217,250
3,218,552
3,226,636
66 : 3,181,062
68 : 3,167,709
3,179,882
3,184,678
3,197,700
3,201,687
3,204,180
3,218,553
69 : 3,183,436
3,205,437
70 : 3,170,116
3,175,152
3,178,641
3,196,346
3,202,910
3,210,658
3,215,932
3,215,933
3,219,926
3,222,596
3,225,299
71 : 3,165,692
3,165,693
3,207,982
3,207,983
3,210,659
3,221,248
72 : 3,189,819
3,195,046
73 : 3,168,697
3,172,039
3,178,642
3,179,883
3,199,025
3,219,927
3,222,597
3,226,637
74 : 3,181,063
77 : 3,167,710
3,182,256
3,183,437
3,184,679
3,185,925
3,185,926
3,209,250
3,215,934
3,217,251
3,222,598
78 : 3,164,770
3,197,701
3,209,251
3,209,252
3,209,253
3,221,249
3,221,250
79 : 3,173,087
3,191,121
3,204,181
3,210,660
80 : 3,173,088
82 : 3,189,820
83 : 3,184,680
3,184,681
3,205,438
3,209,254
3,210,661
3,217,252
3,226,638
84 : 3,221,251
87 : 3,213,362
89 : 3,177,428
94 : 3,193,763
3,209,255
3,210,662
95 : 3,169,219
3,179,884
3,212,002
3,213,363
97 : 3,204,182
99 : 3,196,347
3,210,663

99 : 3,219,928
3,219,929
3,221,252
3,226,639
102 : 3,173,089
3,173,090
103 : 3,189,821
3,201,688
3,209,256
3,221,253
105 : 3,179,885
3,207,984
106 : 3,170,117
3,183,438
3,193,764
3,200,331
3,202,915
3,213,364
110 : 3,179,886
111 : 3,165,694
3,221,254
113 : 3,164,771
115 : 3,205,439
3,207,985
3,209,257
3,213,365
117 : 3,219,930
3,226,640
119 : 3,212,003
120 : 3,196,348
3,201,689
122 : 3,176,223
3,183,439
123 : 3,222,599
3,222,600
127 : 3,168,698
3,197,702
3,199,026
3,212,004
3,213,366
128 : 3,188,566
133 : 3,204,183
138 : 3,212,005
3,212,006
3,212,007
140 : 3,169,220
3,199,027
142 : 3,202,916
3,218,554
3,226,641
146 : 3,200,332
147 : 3,165,695
149 : 3,182,257
3,193,765
150 : 3,181,064
3,181,065
3,200,333
3,204,184
151 : 3,210,664
3,217,253
154 : 3,200,334
158 : 3,175,153
3,179,887
3,179,888
3,182,258
3,183,440
3,185,927
3,192,475
3,193,766
3,200,335
3,201,690
3,206,674
3,206,675
3,215,935
3,215,936
3,226,642

Class 325

2 : 3,177,429
3 : 3,209,258
4 : 3,165,696
3,189,822
5 : 3,174,100
11 : 3,201,691
13 : 3,183,441
15 : 3,169,221
3,192,476
3,196,349
17 : 3,201,692
18 : 3,167,711
3,219,931
20 : 3,202,917
22 : 3,217,254
24 : 3,197,703
3,221,255
26 : 3,196,350
3,214,690
28 : 3,215,937
30 : 3,214,691
38 : 3,173,092
3,175,154
3,176,224
3,176,225

38 : 3,179,889
3,207,986
3,209,259
40 : 3,183,442
3,226,643
41 : 3,196,351
3,205,440
42 : 3,178,643
44 : 3,174,101
45 : 3,213,367
46 : 3,195,047
47 : 3,213,368
49 : 3,176,226
3,196,352
50 : 3,175,155
3,182,259
52 : 3,174,102
53 : 3,196,353
54 : 3,191,122
55 : 3,210,665
56 : 3,195,048
3,209,260
3,226,644
58 : 3,209,261
64 : 3,210,666
3,217,255
3,218,555
65 : 3,176,227
3,176,228
3,206,676
67 : 3,177,430
104 : 3,207,987
105 : 3,176,229
111 : 3,174,103
118 : 3,164,772
119 : 3,201,693
126 : 3,189,823
127 : 3,165,697
130 : 3,222,601
132 : 3,187,258
3,225,300
136 : 3,213,369
137 : 3,201,694
3,212,008
138 : 3,173,093
3,217,256
141 : 3,177,431
3,206,677
144 : 3,200,336
148 : 3,165,698
3,199,028
151 : 3,182,260
163 : 3,167,712
3,188,567
3,197,705
3,205,441
3,206,678
3,223,925
169 : 3,209,262
173 : 3,188,568
178 : 3,183,443
180 : 3,175,156
300 : 3,173,091
303 : 3,218,556
304 : 3,166,711
3,206,679
3,213,370
305 : 3,187,257
3,195,049
308 : 3,176,230
3,187,259
315 : 3,182,261
3,201,695
3,206,680
316 : 3,172,040
318 : 3,178,644
3,219,932
319 : 3,167,713
3,169,222
3,181,066
3,189,824
3,193,767
3,196,354
3,199,029
320 : 3,164,773
3,205,442
321 : 3,166,712
3,175,157
3,188,569
3,206,681
323 : 3,207,988
326 : 3,179,890
329 : 3,199,030
333 : 3,170,118
344 : 3,205,443
345 : 3,210,667
346 : 3,189,825
3,218,557
348 : 3,181,067
349 : 3,217,257
352 : 3,170,119
361 : 3,179,891
362 : 3,188,570
363 : 3,167,714

363 : 3,182,262
3,195,050
3,214,692
3,217,258
369 : 3,174,104
370 : 3,182,263
390 : 3,223,926
391 : 3,172,041
392 : 3,183,444
3,218,558
394 : 3,169,223
401 : 3,223,927
402 : 3,188,571
404 : 3,205,444
407 : 3,196,355
410 : 3,165,699
418 : 3,189,826
419 : 3,204,185
420 : 3,167,715
3,174,105
3,200,337
3,207,989
421 : 3,217,259
423 : 3,201,696
429 : 3,199,031
431 : 3,189,827
435 : 3,184,682
436 : 3,181,068
3,207,990
438 : 3,197,704
3,206,682
440 : 3,165,700
3,165,701
3,213,371
445 : 3,196,356
3,197,706
3,226,645
446 : 3,169,224
447 : 3,176,232
448 : 3,204,186
449 : 3,166,713
3,179,892
3,195,051
3,207,991
451 : 3,189,828
3,201,697
453 : 3,181,069
3,199,032
457 : 3,166,714
3,177,432
459 : 3,219,933
470 : 3,189,829
472 : 3,168,699
475 : 3,226,646
476 : 3,176,231
3,222,602
477 : 3,201,698
478 : 3,191,123
3,191,124
3,195,052
3,213,372
487 : 3,184,683
3,197,707
492 : 3,189,830
3,196,357

Class 328

1 : 3,221,256
5 : 3,199,033
10 : 3,207,992
13 : 3,189,831
14 : 3,207,993
15 : 3,202,918
3,218,559
3,219,934
16 : 3,217,260
3,226,647
23 : 3,223,928
25 : 3,181,070
28 : 3,219,935
32 : 3,223,929
34 : 3,188,572
35 : 3,200,338
37 : 3,166,715
3,174,106
3,195,053
3,212,009
3,213,373
38 : 3,167,716
39 : 3,192,477
3,218,560
41 : 3,212,010
42 : 3,189,832
43 : 3,215,938
44 : 3,192,478
45 : 3,201,699
46 : 3,200,339
48 : 3,172,042
3,213,374
3,214,693
54 : 3,199,034
55 : 3,172,043
3,172,044

Class 328—Con.

55 : 3,196,358
3,201,700
3,209,263
57 : 3,187,260
58 : 3,177,433
3,179,893
3,184,684
3,189,833
3,192,479
3,209,264
59 : 3,222,603
60 : 3,171,082
3,214,694
61 : 3,164,774
3,167,717
3,184,685
62 : 3,168,700
3,193,768
63 : 3,189,834
3,189,835
3,199,035
3,200,340
3,209,265
3,213,375
3,214,695
3,225,301
3,226,648
64 : 3,166,716
65 : 3,181,071
3,185,928
67 : 3,166,717
3,168,701
3,199,036
3,202,919
3,207,994
3,212,011
3,214,696
3,214,697
69 : 3,184,686
3,219,936
3,221,257
70 : 3,174,107
71 : 3,172,045
3,226,649
75 : 3,165,702
3,182,264
76 : 3,174,108
84 : 3,215,478
91 : 3,192,480
92 : 3,176,233
94 : 3,201,701
95 : 3,223,930
97 : 3,206,683
98 : 3,164,775
101 : 3,210,668
103 : 3,173,094
105 : 3,204,187
109 : 3,175,158
110 : 3,187,261
3,206,684
111 : 3,204,188
116 : 3,164,776
120 : 3,204,189
121 : 3,218,561
3,222,604
127 : 3,165,703
3,167,718
3,174,109
3,201,702
3,213,376
3,219,937
132 : 3,209,266
133 : Re.25,743
3,181,072
3,185,929
3,187,262
3,193,769
3,207,995
3,212,012
3,212,013
3,219,938
134 : 3,164,777
3,181,073
3,183,445
136 : 3,214,698
140 : 3,182,265
3,219,939
3,219,940
142 : 3,181,074
3,206,685
146 : 3,195,054
3,209,267
149 : 3,207,996
3,214,699
150 : 3,168,702
3,201,703
3,201,704
3,205,445
151 : 3,183,446
3,192,481
154 : 3,223,931
155 : 3,175,159
155 : 3,193,770
3,199,037
3,206,686
3,213,377
156 : 3,189,836
160 : 3,192,482
162 : 3,189,837
3,195,055
163 : 3,206,687
164 : 3,213,378
165 : 3,173,095
3,195,056
3,201,705
3,206,688
3,209,268
3,214,700
166 : 3,165,704
3,172,046
167 : 3,175,160
3,181,075
3,201,706
168 : 3,195,057
3,196,359
169 : 3,205,446
171 : 3,181,076
3,199,038
3,221,258
173 : 3,206,689
175 : 3,185,930
177 : 3,183,447
183 : 3,164,778
3,166,718
184 : 3,221,259
185 : 3,175,161
3,187,263
188 : 3,181,077
189 : 3,178,645
195 : 3,205,447
196 : 3,175,162
200 : 3,200,341
209 : 3,222,605
223 : 3,201,707
228 : 3,207,997
232 : 3,210,669
233 : 3,209,269
3,218,562
234 : 3,213,379
247 : 3,187,264
252 : 3,195,058
253 : 3,215,939
258 : 3,199,039
260 : 3,171,083
267 : 3,177,434
270 : 3,171,084
3,225,302

Class 329

1 : 3,222,606
50 : 3,209,270
3,217,261
101 : 3,213,380
102 : 3,225,303
103 : 3,185,931
107 : 3,183,448
3,212,014
109 : 3,226,650
110 : 3,217,262
117 : 3,170,121
3,199,040
119 : 3,204,190
3,206,690
122 : 3,167,719
3,195,059
3,209,271
123 : 3,221,260
126 : 3,172,047
3,205,448
134 : 3,172,053
3,193,771
135 : 3,188,573
137 : 3,164,779
3,217,263
142 : 3,183,449
161 : 3,202,920
162 : 3,182,266
3,191,125
3,212,015
166 : 3,202,921
192 : 3,195,060
205 : 3,182,267
3,210,670
3,212,016

Class 330

2 : 3,187,265
3,210,671
3,213,381
3,226,651
3 : 3,173,096
3,210,672
3,215,940
4 : 3,177,435
4 : 3,195,061
3,201,708
3,210,673
3,210,674
3,210,675
3,213,382
3,214,701
3,223,932
.3 : 3,214,702
.5 : 3,200,342
.5 : 3,201,709
.6 : 3,169,225
.6 : 3,177,436
.6 : 3,181,078
.6 : 3,193,772
.6 : 3,215,941
.6 : 3,215,942
.6 : 3,215,943
.6 : 3,215,944
.7 : 3,175,163
.7 : 3,176,234
.7 : 3,178,646
.7 : 3,205,449
.7 : 3,212,017
.7 : 3,213,383
.7 : 3,215,945
.7 : 3,218,563
.7 : 3,221,264
.8 : 3,218,564
.9 : 3,169,226
.9 : 3,169,227
.9 : 3,172,048
.9 : 3,175,164
.9 : 3,195,062
.9 : 3,195,063
.9 : 3,197,708
.9 : 3,210,676
.9 : 3,212,018
.9 : 3,219,941
6 : 3,189,838
3,218,565
3,221,261
8 : 3,172,054
9 : 3,172,049
3,183,450
3,191,126
3,202,922
3,206,691
3,214,703
3,218,566
3,222,607
10 : 3,167,720
3,168,703
3,168,704
3,168,705
3,173,097
3,174,110
3,177,437
3,177,438
3,182,268
3,189,839
3,193,773
3,196,360
3,202,923
3,209,272
3,213,384
3,214,704
3,217,264
3,219,942
11 : 3,196,361
3,207,998
12 : 3,185,932
13 : 3,188,574
3,195,064
14 : 3,172,050
3,185,933
3,196,362
3,212,019
3,222,608
15 : 3,223,933
3,223,934
17 : 3,166,719
3,171,085
3,172,051
3,178,647
3,200,343
3,204,191
3,207,999
3,210,677
3,214,705
3,221,262
18 : 3,168,706
3,176,235
3,177,439
3,181,079
3,197,709
3,215,946
3,218,567
19 : 3,167,721
3,178,648
3,182,269
3,185,934
3,192,483
3,195,065
19 : 3,199,041
3,210,678
3,223,935
3,223,936
21 : 3,168,707
3,206,692
3,209,273
3,209,274
3,210,679
3,217,265
22 : 3,168,708
3,202,924
3,209,275
3,214,706
23 : 3,187,575
3,188,576
3,195,066
24 : 3,169,228
3,169,229
3,173,098
3,191,127
3,200,344
3,226,652
25 : 3,176,236
3,179,894
3,189,840
3,208,000
26 : 3,210,680
3,226,653
27 : 3,204,192
3,205,450
3,208,001
28 : 3,174,111
3,193,774
3,223,937
3,225,304
29 : 3,173,099
3,189,841
3,200,345
3,218,568
3,222,609
30 : 3,168,709
3,204,193
3,225,305
31 : 3,193,775
3,202,925
32 : 3,210,681
3,223,938
34 : 3,168,710
3,187,266
35 : 3,173,100
37 : 3,173,101
3,174,112
38 : 3,197,710
3,208,002
3,212,020
3,222,610
39 : 3,173,102
40 : 3,221,263
42 : 3,212,021
43 : 3,171,086
3,179,895
44 : 3,177,440
46 : 3,196,363
51 : 3,189,842
3,213,385
52 : 3,178,649
53 : 3,176,237
54 : 3,201,710
3,210,682
3,218,569
3,222,611
55 : 3,223,939
56 : 3,201,711
3,209,276
59 : 3,167,722
3,185,936
3,202,926
60 : 3,171,087
61 : 3,178,650
3,181,080
3,193,776
3,208,003
3,212,022
63 : 3,185,937
68 : 3,196,364
69 : 3,178,651
3,179,896
3,209,277
3,219,943
70 : 3,184,687
3,213,386
71 : 3,210,683
77 : 3,217,266
79 : 3,204,194
84 : 3,202,927
3,223,940
100 : 3,196,365
103 : 3,191,128
3,197,711
109 : 3,213,387
3,223,941
110 : 3,166,720
3,187,267
110 : 3,200,346
117 : 3,170,120
3,171,088
123 : 3,187,268
124 : 3,199,042
3,199,043
3,202,928
126 : 3,177,441
3,195,067
3,222,612
128 : 3,174,113
129 : 3,172,052
3,198,424
132 : 3,197,712
134 : 3,176,238
3,199,044
136 : 3,184,688
3,188,577
138 : 3,202,929
143 : 3,218,570
149 : 3,176,239
153 : 3,208,004
157 : 3,164,780
185 : 3,221,265
186 : 3,197,713

Class 331

1 : 3,197,714
2 : 3,177,442
3,202,930
3,208,005
3 : 3,165,705
3,174,114
3,206,693
4 : 3,205,451
3,210,684
3,218,571
5 : 3,178,652
6 : 3,178,653
3,178,654
8 : 3,199,045
3,205,452
3,223,942
9 : 3,169,230
10 : 3,199,046
3,204,195
11 : 3,185,938
3,202,936
3,212,023
12 : 3,177,443
16 : 3,200,347
3,217,267
17 : 3,218,572
3,223,943
18 : 3,165,706
19 : 3,221,266
20 : 3,205,453
3,209,278
22 : 3,177,444
27 : 3,195,068
36 : 3,219,944
37 : 3,218,573
38 : 3,208,006
39 : 3,168,711
3,188,578
3,192,484
3,195,069
3,202,931
40 : 3,199,047
44 : 3,212,024
3,212,025
3,221,267
45 : 3,202,932
3,213,388
47 : 3,206,694
3,210,685
49 : 3,181,081
3,181,082
51 : 3,215,947
52 : 3,185,939
3,195,070
3,222,613
54 : 3,204,196
55 : 3,204,197
59 : 3,193,777
3,215,948
60 : 3,210,686
62 : 3,176,240
3,200,348
3,206,695
65 : 3,169,231
66 : 3,175,165
3,202,933
69 : 3,199,048
70 : 3,208,007
74 : 3,187,269
75 : 3,176,241
78 : 3,165,707
3,171,089
3,178,655
3,183,451
3,205,454
3,208,008
78 : 3,209,279
3,222,614
81 : 3,178,656
84 : 3,173,103
3,226,654
87 : 3,166,721
3,168,712
3,210,690
3,210,691
90 : 3,201,712
94 : 3,172,055
3,177,445
3,209,280
.5 : 3,164,781
.5 : 3,164,782
.5 : 3,170,122
.5 : 3,172,056
.5 : 3,172,057
.5 : 3,177,446
.5 : 3,178,657
.5 : 3,179,897
.5 : 3,179,898
.5 : 3,179,899
.5 : 3,187,270
.5 : 3,196,366
.5 : 3,197,715
.5 : 3,199,049
.5 : 3,202,934
.5 : 3,208,009
.5 : 3,209,281
.5 : 3,210,687
.5 : 3,210,688
.5 : 3,215,949
.5 : 3,222,615
.5 : 3,223,944
.5 : 3,225,306
.5 : 3,225,307
98 : 3,173,104
3,173,105
3,173,106
3,193,778
3,193,779
3,225,308
99 : 3,213,389
3,221,268
101 : 3,204,198
105 : 3,168,713
107 : 3,167,723
3,170,123
3,181,083
3,183,452
3,188,579
3,189,843
3,192,485
3,193,780
3,195,071
3,206,696
3,209,282
3,217,268
108 : 3,165,708
3,183,453
109 : 3,164,783
3,177,447
3,179,900
3,181,084
3,187,271
3,199,050
3,199,051
3,202,935
3,209,283
3,213,390
3,218,574
3,218,575
111 : 3,167,724
3,170,124
3,173,107
3,174,115
3,175,166
3,185,940
3,189,844
3,196,340
3,197,716
3,202,937
3,215,950
3,219,945
3,221,269
3,225,309
3,225,310
112 : 3,193,781
113 : 3,164,784
3,164,785
3,164,786
3,165,709
3,167,725
3,168,714
3,172,058
3,172,059
3,172,060
3,175,167
3,176,242
3,176,243
3,179,901
3,181,085
3,183,454
3,188,580
3,189,845
113 : 3,196,367
3,197,717
3,201,713
3,202,938
3,210,689
3,210,690
3,210,691
3,215,951
3,215,952
3,217,269
3,218,576
3,219,946
3,221,270
3,222,616
3,222,617
3,222,618
3,223,945
3,225,311
3,226,655
116 : 3,175,168
3,176,244
3,179,902
3,192,486
3,199,052
3,200,349
117 : 3,184,689
3,192,487
3,204,199
3,208,010
3,218,577
128 : 3,214,707
141 : 3,175,169
3,206,697
3,212,026
143 : 3,164,787
144 : 3,177,448
3,187,272
3,223,946
148 : 3,219,947
154 : 3,192,488
157 : 3,225,312
161 : 3,201,714
166 : 3,200,350
173 : 3,217,270
3,225,313
175 : 3,176,245
179 : 3,222,619
183 : 3,217,271
186 : 3,226,656

Class 332

1 : 3,187,273
7 : 3,195,072
3,225,314
9 : 3,164,788
3,169,232
11 : 3,225,315
12 : 3,169,233
3,172,061
14 : 3,170,125
3,178,658
3,200,351
3,204,200
3,214,708
16 : 3,167,726
3,193,782
3,201,718
3,204,201
3,212,027
3,214,709
17 : 3,165,710
18 : 3,183,455
3,204,202
3,205,455
19 : 3,176,246
3,191,129
3,221,271
29 : 3,173,108
3,183,456
3,191,130
3,214,710
30 : 3,196,368
31 : 3,170,126
3,204,203
37 : 3,189,846
3,205,456
41 : 3,170,127
3,218,578
43 : 3,166,722
3,179,903
3,184,690
3,196,369
3,202,939
3,202,940
44 : 3,175,170
3,196,370
3,205,457
3,215,953
45 : 3,188,581
3,195,073
3,225,316
47 : 3,218,579
3,221,272

51 : 3,210,692
3,221,273
3,226,657
52 : 3,193,783
3,205,458
3,225,317
57 : 3,176,247

Class 333

1 : 3,179,904
3,189,847
3,226,658
.1 : 3,165,711
.1 : 3,174,116
.1 : 3,177,449
.1 : 3,185,941
.1 : 3,187,274
.1 : 3,201,715
.1 : 3,204,204
.1 : 3,226,659
3 : 3,174,117
3,201,716
6 : 3,164,789
7 : 3,165,712
3,167,727
3,171,090
3,173,109
3,178,659
3,179,905
3,181,086
3,182,270
3,195,074
3,202,941
3,208,011
3,214,711
3,214,712
3,215,954
3,215,955
3,217,272
3,219,948
3,223,947
9 : 3,201,717
3,202,942
3,204,205
3,210,693
3,215,956
3,218,580
3,223,948
10 : 3,164,790
3,166,723
3,175,171
3,183,457
3,195,075
3,200,352
3,204,206
3,209,284
3,218,581
3,219,949
3,221,274
3,221,275
11 : 3,164,791
3,168,715
3,181,087
3,181,088
3,184,691
3,189,848
3,192,489
3,192,490
3,221,276
3,222,620
12 : 3,174,118
13 : 3,208,012
3,209,285
3,217,273
14 : 3,213,391
17 : 3,174,119
3,187,275
3,192,491
18 : 3,173,110
3,182,271
20 : 3,226,660
21 : 3,182,272
3,210,694
3,215,957
22 : 3,176,248
3,183,458
3,184,692
3,187,276
3,205,459
3,208,013
3,213,392
23 : 3,201,719
24 : 3,178,660
3,184,693
3,208,014
3,223,949
.1 : 3,166,724
.1 : 3,200,353
.2 : 3,188,582
.2 : 3,197,718
.2 : 3,212,028
.2 : 3,225,318
26 : 3,170,128
26 : 3,188,583
3,195,076
3,217,274
3,222,621
28 : 3,181,089
3,196,371
3,212,029
30 : 3,167,728
3,174,120
3,174,121
3,177,450
3,185,935
3,185,942
3,189,849
3,199,053
3,200,354
3,206,698
3,209,286
31 : 3,173,111
3,177,451
3,177,452
3,181,090
3,181,091
3,192,492
3,199,054
3,201,720
3,208,015
3,210,695
3,212,030
3,212,031
3,218,582
3,219,950
33 : 3,166,725
3,197,719
3,201,721
34 : 3,176,249
3,176,250
3,209,287
70 : 3,195,077
3,196,372
3,210,696
3,212,032
3,212,033
72 : 3,174,122
3,176,251
3,179,906
3,185,943
3,188,584
3,189,851
3,189,852
3,222,622
73 : 3,164,792
3,167,729
3,181,092
3,185,944
3,187,277
3,197,720
3,202,943
3,205,460
3,212,034
3,222,623
75 : 3,197,721
76 : 3,189,853
3,191,131
3,205,461
3,217,275
79 : 3,178,661
3,191,132
3,191,133
3,200,355
3,219,951
80 : 3,178,662
3,219,952
81 : 3,174,123
3,175,172
3,184,694
3,185,945
3,188,585
3,192,493
3,195,078
3,208,016
3,209,288
3,210,697
3,215,958
3,215,959
3,217,276
3,218,583
3,219,953
3,226,661
82 : 3,177,453
3,187,278
3,222,624
83 : 3,170,129
3,181,093
3,202,944
3,202,945
3,208,017
3,209,289
3,209,290
3,213,393
3,221,277
3,226,662
84 : 3,201,722
3,209,291
84 : 3,218,584
3,218,585
95 : 3,187,279
3,188,586
3,195,079
3,200,356
3,201,723
3,201,724
3,205,462
3,218,586
3,219,954
96 : 3,188,587
97 : 3,181,094
3,187,280
3,210,698
98 : 3,182,273
3,183,459
3,184,695
3,188,588
3,189,850
3,189,854
3,189,855
3,199,055
3,201,725
3,202,946
3,210,699
3,212,035
3,212,036
3,212,037
3,213,394
3,219,955
3,221,278
3,221,279
3,223,950

Class 334

1 : 3,179,907
2 : 3,206,699
7 : 3,195,080
3,208,018
15 : 3,167,730
3,177,454
3,204,207
19 : 3,166,726
21 : 3,191,134
29 : 3,192,494
3,201,726
45 : 3,218,587
49 : 3,226,663
50 : 3,210,700
51 : 3,172,062
3,218,588
3,218,589
73 : 3,204,208
76 : 3,215,960
80 : 3,182,274
82 : 3,187,281

Class 336

5 : 3,195,081
3,221,280
12 : 3,173,112
3,195,082
3,195,083
3,215,961
20 : RE.25,834
30 : 3,181,095
3,193,784
3,197,722
3,206,700
3,213,395
3,213,396
3,214,714
3,215,962
3,218,590
3,221,281
55 : 3,170,130
57 : 3,166,727
3,183,460
3,201,727
58 : 3,208,019
60 : 3,173,113
3,183,461
3,195,084
3,195,085
3,201,728
3,213,397
61 : 3,179,908
3,212,038
62 : 3,205,463
65 : 3,164,793
3,170,131
3,191,135
69 : 3,181,096
3,221,282
70 : 3,187,282
73 : 3,196,373
77 : 3,212,039
79 : 3,167,731
3,219,956
83 : 3,171,091
3,195,086
83 : 3,201,729
84 : 3,173,114
3,173,115
3,173,116
3,175,173
3,183,462
3,191,136
3,195,087
90 : 3,208,020
92 : 3,164,794
3,175,174
3,223,951
96 : 3,183,463
3,202,947
3,209,292
3,210,701
3,226,664
100 : 3,173,117
107 : 3,201,730
3,208,021
110 : 3,214,715
115 : 3,202,948
118 : 3,176,252
3,213,398
119 : 3,187,283
120 : 3,168,716
3,178,663
3,179,909
3,189,856
129 : 3,173,118
130 : 3,196,374
3,199,056
131 : 3,204,209
3,214,716
3,218,591
132 : 3,170,132
133 : 3,173,119
134 : 3,209,293
3,209,294
135 : 3,172,063
3,187,284
3,192,495
3,214,717
3,217,277
136 : 3,223,952
3,223,953
138 : 3,193,785
142 : 3,183,464
148 : 3,215,963
149 : 3,188,589
3,188,590
3,202,949
3,212,040
3,212,041
150 : 3,210,702
155 : RE.25,712
3,171,092
3,209,295
165 : 3,170,133
3,176,253
3,177,455
3,204,210
3,219,957
174 : 3,222,625
175 : 3,175,175
3,223,954
180 : 3,195,088
3,225,319
181 : 3,185,946
182 : 3,226,665
183 : 3,195,089
3,210,703
3,210,704
3,210,705
3,210,706
185 : 3,188,591
187 : 3,183,465
192 : 3,169,234
3,175,176
3,183,466
3,185,948
3,188,592
3,202,950
3,217,278
195 : 3,197,723
197 : 3,172,064
3,219,958
198 : 3,189,857
3,215,964
3,218,592
200 : 3,185,947
3,210,707
205 : 3,167,732
3,170,134
3,200,357
208 : 3,172,065
3,215,965
210 : 3,169,235
3,222,626
211 : 3,215,966
3,223,955
212 : 3,189,858
3,189,859
3,201,731
212 : 3,213,399
213 : 3,201,732
217 : 3,171,093
3,172,066
3,172,067
3,189,860
3,200,358
3,201,733
3,210,708
3,210,709
3,212,042
3,214,718
218 : 3,169,236
3,195,090
221 : 3,201,734
223 : 3,183,467

Class 338

2 : RE.25,924
3,202,951
3,205,464
3,222,627
4 : 3,196,375
3,213,400
3,221,283
3,222,628
5 : 3,199,057
3,219,959
6 : 3,201,735
13 : 3,172,068
3,197,724
3,209,296
15 : 3,208,022
17 : 3,164,795
18 : 3,188,593
20 : 3,195,091
3,212,043
22 : 3,181,097
3,197,725
3,205,465
3,214,719
3,225,320
25 : 3,201,736
3,221,284
28 : 3,164,796
3,167,733
3,175,177
3,175,178
3,188,594
31 : 3,168,717
32 : 3,174,124
3,182,275
3,196,376
3,204,211
3,215,967
33 : 3,209,297
34 : 3,181,098
35 : 3,167,734
36 : 3,173,120
41 : 3,172,069
3,218,593
42 : 3,168,718
44 : 3,208,023
47 : 3,174,125
58 : 3,213,401
62 : 3,164,797
66 : 3,212,044
68 : 3,210,710
69 : 3,206,701
82 : 3,181,099
89 : 3,167,735
99 : 3,209,298
110 : 3,187,285
131 : 3,185,949
143 : 3,191,137
144 : 3,166,728
148 : 3,188,595
3,195,092
3,214,720
149 : 3,187,286
150 : 3,165,713
152 : 3,200,359
157 : 3,219,960
162 : 3,165,714
3,192,496
3,206,702
3,208,024
3,222,629
163 : 3,172,070
3,172,071
3,187,287
3,205,466
164 : 3,193,786
3,197,726
165 : 3,168,719
166 : 3,206,703
174 : RE.25,725
3,164,798
3,184,696
3,187,288
3,201,737
175 : 3,184,697
3,197,727
175 : 3,210,711
176 : 3,185,950
180 : 3,179,910
3,187,289
183 : 3,166,729
3,178,664
195 : 3,202,952
198 : 3,210,712
210 : 3,172,072
220 : 3,210,713
221 : 3,167,736
228 : 3,165,715
237 : 3,173,121
3,173,122
3,199,058
238 : 3,201,738
239 : 3,217,279
250 : 3,206,704
253 : 3,169,237
260 : 3,213,402
268 : 3,205,467
3,217,280
269 : 3,209,299
273 : 3,195,093
274 : 3,197,728
3,225,321
280 : 3,172,073
287 : 3,191,138
293 : 3,218,594
299 : 3,178,665
301 : 3,179,911
3,210,714
302 : 3,209,300
304 : 3,173,123
308 : 3,172,074
3,192,497
309 : 3,217,281
312 : 3,174,126
316 : 3,167,737
3,212,045
317 : 3,173,124
322 : 3,222,630

Class 339

1 : 3,212,046
4 : 3,199,059
5 : 3,176,254
3,185,951
3,201,739
3,208,025
3,218,595
3,226,666
8 : 3,181,100
3,189,861
3,195,094
9 : 3,166,368
14 : 3,167,372
3,170,744
3,173,731
3,178,666
3,178,667
3,188,596
3,188,597
3,204,212
3,206,705
3,218,596
3,218,597
3,219,961
3,219,962
3,223,956
15 : 3,217,282
16 : 3,184,698
3,195,095
3,210,715
17 : 3,173,732
3,176,255
3,179,912
3,181,101
3,182,276
3,184,699
3,185,952
3,188,598
3,188,599
3,193,787
3,196,377
3,200,360
3,200,361
3,205,468
3,208,026
3,208,027
3,212,047
3,215,968
3,218,598
3,221,285
3,221,286
18 : 3,166,369
3,170,745
3,170,746
3,175,179
3,179,913
3,184,700
3,193,788
3,193,789
18 : 3,200,362
3,205,469
3,208,028
3,212,048
3,212,049
3,217,283
3,217,284
3,223,957
3,225,322
19 : 3,172,716
3,182,277
3,208,029
21 : 3,166,370
3,181,102
3,210,716
3,215,969
22 : 3,170,747
3,173,733
3,173,835
3,178,668
3,206,706
3,209,301
3,213,403
23 : 3,187,290
28 : 3,206,707
3,221,287
31 : 3,176,256
3,195,096
3,204,213
32 : 3,205,470
33 : 3,192,498
34 : 3,189,862
36 : 3,210,717
38 : 3,176,257
40 : 3,201,740
3,222,631
42 : 3,167,373
3,176,258
3,202,953
43 : 3,219,964
45 : 3,183,468
3,183,469
3,193,790
3,195,097
3,201,741
3,206,708
3,209,302
3,209,303
3,215,970
3,215,971
46 : 3,196,378
47 : 3,169,814
3,188,600
3,202,954
3,208,030
3,218,599
49 : 3,173,734
3,178,669
3,179,914
3,217,285
50 : 3,181,103
52 : 3,169,815
54 : 3,209,304
58 : 3,201,742
59 : 3,165,369
3,181,104
3,182,278
3,182,279
3,184,701
3,185,953
3,202,955
60 : 3,166,371
3,167,374
3,199,060
61 : 3,171,703
3,209,305
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106 : 3,165,744
3,172,107
3,173,140
3,181,159
3,183,507
3,185,988
3,191,175
3,192,532
3,195,133
3,195,134
3,202,994
3,226,718
108 : 3,165,745
3,182,327
3,185,989
3,189,904
3,189,905
3,195,135
3,197,777
3,205,497
3,210,763
112 : 3,167,772
3,171,126
3,171,127
3,172,108
3,177,490
3,179,939
3,182,328
3,191,176
3,195,136
3,201,793
3,204,241
3,209,357
3,212,091
3,212,092
3,220,005
3,225,350
3,226,719
113 : 3,165,746
3,175,217
3,181,160
3,192,526
3,196,439
3,213,453
3,217,326
3,217,327
114.5 : 3,218,642
115 : 3,164,833
117 : 3,167,773
3,206,753
3,206,754
118 : 3,184,744
119 : 3,167,774
3,179,940
176 : 3,183,508
177 : 3,192,527
208 : 3,221,329
225 : 3,168,737
3,181,162
3,183,509
3,196,440
228 : 3,168,738
3,185,992
702 : 3,181,163
3,182,329
704 : 3,173,141
705 : 3,166,750
3,184,745
3,205,498
3,208,068
706 : 3,171,128
708 : 3,172,110
3,193,829
3,210,764
3,220,006
709 : 3,224,003
710 : 3,189,906
712 : 3,208,069
3,208,070
715 : 3,188,641
718 : 3,199,108
719 : 3,183,510
3,216,016
3,221,330
720 : 3,210,765
722 : 3,176,298
723 : 3,179,941
724 : 3,212,093
730 : 3,172,111
3,205,499
731 : 3,225,351
732 : 3,202,995
733 : 3,202,996
742 : 3,184,746
743 : 3,210,766
744 : 3,176,299
745 : 3,209,358
3,226,725
749 : 3,166,751
3,172,109
3,212,094
753 : 3,189,907
3,214,760
754 : 3,173,142
3,173,143
3,196,441
3,213,454
3,213,455
3,226,721
756 : 3,179,942
3,188,642
3,195,137
3,205,500
3,213,456
3,216,017
3,218,643
757 : 3,197,778
761 : 3,165,747
3,209,359
762 : 3,173,144
763 : 3,222,676
765 : 3,196,442
766 : 3,187,333
3,191,177
767 : 3,172,112
3,176,300
768 : 3,175,218
3,204,242
770 : 3,218,644
771 : 3,164,834
3,172,113
3,183,511
3,189,908
3,193,830
3,220,007
3,224,004
772 : 3,224,005
776 : 3,169,246
777 : 3,173,145
778 : 3,204,243
3,205,501
779 : 3,164,835
780 : 3,212,095
3,226,722
781 : 3,209,360
3,209,361
3,212,096
3,216,018
3,224,006
782 : 3,176,301
785 : 3,221,331
786 : 3,171,129
3,173,146
3,177,491
3,214,761
792.5 : Re.25,740
.5 : 3,165,748
.5 : 3,179,943
.5 : 3,181,161
.5 : 3,193,831
.5 : 3,209,362
.5 : 3,210,767
.5 : 3,210,768
.5 : 3,221,332
797 : 3,196,443
799 : 3,175,219
806 : 3,167,775
3,213,457
809 : 3,192,528
814 : 3,202,997
819 : 3,218,645
3,218,646
833 : 3,202,998
835 : 3,196,444
840 : 3,178,713
3,184,747
3,217,328
844 : 3,182,330
3,192,529
852 : 3,226,723
853 : 3,208,071
3,226,724
854 : 3,192,530
3,222,677
872 : 3,167,776
3,175,220
3,176,302
3,195,138
3,221,333
876 : 3,213,458
895 : 3,188,643
3,192,531
3,208,072
904 : 3,188,644
911 : 3,165,749
3,176,303
3,224,007

Class 346

1 : 3,175,221
3,179,944
3,181,164
3,182,331
3,185,994
3,185,995
3,193,832
3,196,445
3,206,755
3,208,073
3,217,331
3,222,678
3,225,352
7 : 3,168,367
3,183,512
3,197,779
3,220,008
8 : 3,178,714
3,193,833
3,196,446
3,209,363

18 : 3,189,909
3,205,502
3,213,459
21 : 3,184,748
22 : 3,173,742
3,185,996
23 : 3,192,532
24 : 3,196,448
3,199,109
25 : 3,170,754
3,183,514
3,199,110
29 : 3,178,715
3,199,111
3,213,460
30 : 3,216,019
31 : 3,201,794
3,209,364
32 : 3,167,378
3,189,910
3,197,780
3,199,112
3,210,769
33 : 3,169,819
3,173,743
3,176,304
3,176,305
3,176,306
3,177,492
3,178,716
3,178,717
3,181,165
3,185,997
3,188,645
3,189,911
3,191,178
3,195,139
3,197,781
3,202,999
3,204,245
3,204,246
3,208,074

33 : 3,208,075
3,210,770
3,214,762
3,220,009
3,220,010
3,220,011
3,221,334
3,222,679
34 : 3,173,744
3,183,515
3,187,334
3,196,449
3,226,726
35 : 3,169,820
38 : 3,200,402
43 : 3,188,646
3,195,140
3,214,763
44 : 3,182,332
46 : 3,216,015
49 : 3,214,764
50 : 3,203,000
60 : 3,188,647
61 : 3,195,141
3,200,403
62 : 3,193,834
3,200,404
65 : 3,185,987
74 : Re.25,719
3,164,836
3,164,837
3,166,752
3,166,753
3,167,777
3,168,739
3,168,740
3,171,130
3,172,114
3,174,152
3,176,307
3,177,493
3,177,494

74 : 3,177,495
3,178,718
3,178,719
3,179,945
3,181,166
3,181,167
3,181,168
3,182,333
3,183,516
3,183,517
3,184,749
3,184,750
3,185,999
3,187,335
3,188,648
3,188,649
3,188,650
3,191,179
3,191,180
3,193,835
74 : 3,193,836
3,195,142
3,195,143
3,196,450
3,196,451
3,204,247
3,205,503
3,208,076
3,213,461
3,214,765
3,216,020
3,217,329
3,217,330
3,218,647
3,218,648
3,220,012
3,221,335
3,221,336
3,222,680
3,224,008
75 : 3,179,946
76 : 3,164,434

76 : 3,183,518
77 : 3,179,947
78 : 3,193,837
79 : 3,167,379
82 : 3,167,380
3,195,144
93 : 3,191,181
95 : 3,179,948
3,214,766
104 : 3,166,374
107 : 3,165,373
3,167,381
3,172,722
3,173,745
3,173,746
3,176,308
3,181,169
3,192,533
3,220,013
3,222,681
3,222,682
108 : 3,181,170
3,184,751
3,184,752
3,204,248
109 : 3,166,375
3,167,382
3,179,949
3,181,171
3,186,000
3,187,336
3,197,782
3,200,405
3,225,353
3,225,354
3,225,355
110 : 3,170,755
3,184,753
3,193,838
3,221,337
111 : 3,203,001
112 : 3,184,754

112 : 3,185,990
3,206,756
117 : 3,188,651
3,210,771
134 : 3,188,652
135 : 3,181,172
136 : 3,184,755
3,216,021
137 : 3,176,309
3,181,173
3,196,452
138 : 3,199,113
139 : 3,164,435
3,187,332
3,204,249
3,205,504
140 : 3,169,821
3,185,991
3,185,998
3,209,365
3,216,022
145 : 3,192,534

Class 351

7 : 3,196,453
17 : 3,183,519
32 : 3,205,505
38 : 3,201,795
39 : 3,188,653
45 : 3,199,114
51 : 3,168,741
52 : 3,179,950
3,200,406
91 : 3,179,951
118 : 3,189,912
130 : 3,189,913
3,209,366
138 : 3,186,001
153 : 3,166,754
159 : 3,195,145
160 : 3,187,338
3,189,914

160 : 3,212,097
167 : 3,169,247

Class 352

5 : 3,196,454
3,199,115
8 : 3,196,455
14 : 3,200,407
3,200,408
3,223,469
27 : 3,166,755
3,224,828
29 : 3,176,310
30 : 3,201,796
38 : 3,176,311
3,178,720
44 : 3,218,114
46 : 3,212,098
50 : 3,168,742
58 : 3,199,116
60 : 3,189,915
3,200,409
61 : 3,187,339
3,196,456
62 : 3,208,077
69 : 3,164,838
3,191,182
3,212,099
3,214,232
72 : 3,175,222
3,193,839
3,212,837
78 : 3,166,756
3,206,757
3,212,838
84 : 3,165,752
3,174,153
3,200,410
3,216,777
86 : 3,177,496
3,186,002

86 : 3,201,797
89 : 3,220,792
109 : 3,196,457
3,212,100
3,212,839
119 : 3,191,183
123 : Re.25,896
129 : 3,216,778
130 : 3,193,840
131 : 3,224,829
140 : 3,200,411
3,209,367
141 : 3,176,312
3,177,497
3,208,078
158 : 3,205,506
3,218,115
159 : 3,201,798
166 : 3,187,340
169 : 3,178,721
171 : 3,170,159
3,205,507
172 : 3,199,117
3,206,758
173 : 3,174,154
174 : 3,187,341
3,209,368
176 : 3,197,783
178 : 3,183,520
180 : 3,168,743
3,181,174
3,224,830
184 : 3,214,233
194 : 3,176,313
3,212,840
196 : 3,195,146
208 : 3,186,003
221 : 3,183,521
233 : 3,219,406
235 : 3,172,115
3,175,223
240 : 3,179,952

1965

CLASSIFICATION OF DESIGNS

Class D1

2 : 201,657
3 : 200,146
201,490
202,408
202,759
202,973
11 : 202,865
12 : 200,045
200,147
200,229
200,288
200,952
201,271
201,946
202,164
202,325
202,326
202,461
202,760
202,761
202,866
202,974
203,248
203,249
203,328

Class D2

3 : 199,955
200,148
200,149
200,230
200,566
200,755
200,842
200,843
200,844
200,894
200,895
200,996
200,997
201,343
201,491
201,610
201,742
201,784
201,785
201,860
201,947
201,948
201,949
202,022
202,023
202,327
202,328
202,462
202,606
202,688
202,689
202,690
203,150
203,151

Class D3

4 : 203,100
203,250
9 : 201,492
202,762
203,251
10 : 202,867
202,868
203,101
11 : 200,756
200,998
202,329
202,409
13 : 199,956
200,150
200,757
200,758
201,426
201,743
201,786
13 : 201,950
202,024
202,097
202,539
203,152
203,153
203,252
203,329
16 : 201,658
201,787
202,975
203,154
17 : 201,611
201,659
201,660
202,098
202,976
19 : 201,119
203,025
25 : 202,869
26 : 200,231
201,539
201,861
202,165
202,166
202,256
202,540

Class D4

2 : 200,046
200,089
200,289
200,845
201,344
201,345
201,493
201,661
202,410
202,411
202,763
202,870
203,330
3 : 200,090
200,189
200,290
200,291
200,392
200,460
200,523
200,567
200,896
200,999
201,000
201,001
201,239
201,346
201,540
201,541
201,744
201,788
201,789
201,862
201,951
202,025
202,167
202,464
202,607
202,608
202,764
202,765
202,766
202,871
203,331
203,332
4 : 202,412
202,691
203,253
5 : 200,190
200,232
200,461
201,120
201,272
201,347
201,427
202,413
5 : 202,692
202,693
202,872

Class D5

2 : 199,957
202,977
4 : 200,191
200,393
202,541
202,978
203,102
5 : 200,759
201,348
202,168

Class D6

2 : 200,192
201,662
201,663

Class D7

5 : 200,091
201,002
201,172
201,664
201,863
201,864
201,865
201,952
6 : 200,394
7 : 200,697
200,846
200,897
201,003
201,070
201,665

Class D8

1 : 202,609

Class D9

2 : 199,958
199,959
199,960
199,961
200,047
200,092
200,093
200,094
200,151
200,193
200,194
200,292
200,293
200,294
200,395
200,524
200,525
200,526
200,568
200,569
200,623
200,624
200,698
200,699
200,760
200,761
201,004
201,005
201,006
201,007
201,240
201,349
201,350
201,351
201,428
201,429
201,612
201,613
201,614
2 : 201,666
201,667
201,668
201,745
201,746
201,747
201,790
201,791
201,792
201,866
201,867
201,868
202,026
202,027
202,169
202,170
202,171
202,257
202,463
202,542
202,610
202,611
202,612
202,613
202,694
202,767
202,768
202,769
202,873
202,874
202,875
202,979
203,026
203,103
203,155
203,254
6 : 199,962
200,152
200,295
200,625
201,173
201,241
201,615
201,669
202,876

Class D01

12 : 202,021

Class D10

6 : 200,462
7 : 200,296
201,008
202,172
202,543
202,877
203,027
8 : 199,963
199,964
199,965
199,966
199,967
200,095
200,096
200,098
200,195
200,196
200,297
200,396
200,397
200,463
200,527
200,762
200,953
201,009
201,121
201,122
201,123
201,174
201,175
201,273
201,430
201,542
201,616
8 : 201,869
201,953
201,954
201,955
202,173
202,492
202,695
202,770
203,028
203,029
203,030
203,031
9 : 201,870
202,544
203,156
10 : 200,954
11 : 202,099
880 : 200,097

Class D12

2 : 200,298
200,398
200,464
200,626
201,010
201,670
202,330
202,331
202,332
203,032

Class D13

1 : 199,968
199,969
199,970
199,971
200,048
200,099
200,100
200,233
200,299
200,465
200,528
200,529
200,570
200,627
200,628
200,700
200,701
200,763
200,764
200,847
200,898
201,071
201,072
201,073
201,124
201,125
201,431
201,494
201,543
201,544
201,617
201,618
201,671
201,672
201,673
201,674
201,793
201,871
201,872
201,873
201,874
201,875
201,956
201,957
201,958
201,959
202,028
202,100
202,174
202,175
202,176
202,177
1 : 202,258
202,259
202,260
202,261
202,333
202,334
202,414
202,415
202,545
202,546
202,547
202,614
202,615
202,696
202,697
202,698
202,771
202,878
202,879
202,880
202,980
202,981
202,982
203,033
203,034
203,035
203,036
203,104
203,105
203,157
203,158
203,333
203,334
203,335
203,336
4 : 201,495
6 : 200,629
200,630
200,631
200,632
200,633
201,074
201,352
201,353
203,337
7 : 199,972
199,973
200,153
200,300
200,702
201,545
201,748
202,029
202,335
202,699
202,881
203,037
203,159
203,160
203,161
203,162
203,163
203,338

Class D14

3 : 199,974
200,101
200,301
200,302
200,303
200,304
200,399
200,400
200,401
200,530
200,571
200,634
200,635
200,703
200,765
200,766
200,767
200,768
200,848
200,899
3 : 200,900
200,901
200,955
200,956
201,011
201,075
201,076
201,126
201,127
201,176
201,177
201,274
201,275
201,354
201,546
201,547
201,548
201,675
201,749
202,178
202,179
202,180
202,336
202,337
202,416
202,493
202,494
202,616
202,617
202,882
202,883
202,884
202,885
203,038
203,106
203,107
203,108
203,164
203,255
203,256
203,257
203,258
203,259
6. 202,101
199,975
200,769
201,012
201,242
201,496
201,794
201,795
202,030
202,181
202,262
202,263
202,772
202,983
203,165
203,166
14 : 200,305
203,039
18 : 202,031
202,417
25 : 200,572
27 : 201,013
201,619
202,418
30 : 200,102
200,154
200,197
200,306
200,307
200,402
200,531
200,636
200,637
201,128
201,432
201,549
201,550
201,551
201,676
201,677
202,032
202,033
202,034

Class D14—Con.

30 : 202,102
202,182
202,183
202,419
202,420
202,421
202,422
202,423
202,495
202,773
202,774
202,886
203,040
203,260

Class D15

1 : 199,976
199,977
200,308
200,309
200,403
200,532
200,533
200,534
200,535
200,573
200,638
200,639
200,704
200,849
200,850
200,851
201,014
201,077
201,355
201,433
201,876
201,877
201,878
201,879
201,960
202,035
202,103
202,104
202,264
202,265
202,424
202,465
202,548
202,549
202,550
202,775
202,776
203,041
203,042
203,167
203,168
203,169
203,170
203,261
203,262
3 : 199,978
201,129
202,338
202,425
203,171
8 : 199,979
200,466
200,640
201,434
201,796
201,961
202,426
202,984
203,109
203,172
203,173
11 : 200,310
200,852
201,130
201,178
201,276
201,750
202,184
202,339
202,777
202,778
202,887
203,263

Class D16

1 : 200,641
202,700
202,701
203,174
2 : 199,980
200,467
200,536
200,705
200,770
2 : 200,771
200,853
201,015
201,678
201,797
201,962
201,963
201,964
202,036
202,185
202,340
202,341
202,466
202,888
202,889
203,110
203,264
3 : 201,497
202,467

Class D17

1 : 200,311
200,772
202,105
202,186
2 : 201,243
3 : 200,155
200,574
201,965
203,265
5 : 200,198
201,798
6 : 200,902
201,356
8 : 200,957
201,277
202,890
12 : 202,106
14 : 201,016

Class D18

2 : 200,199
200,200
200,201
200,202
200,312
200,313
200,404
200,405
200,642
200,643
200,644
200,773
200,903
201,131
201,179
201,180
201,181
201,182
201,799
201,880
201,966
201,967
202,037
202,038
202,496
202,497
202,498
203,043
203,111
203,112
203,266
203,267

Class D19

1 : 201,132
202,039
202,187
202,266
9 : 203,044

Class D20

2 : 200,234
201,435
201,436
201,552
201,620
201,881
4 : 200,406
201,078
201,751
201,882
202,267
202,499

Class D21

1 : 200,407
202,779
6 : 203,175

Class D22

2 : 200,103
200,235
201,883
202,268
3 : 200,854
200,904
200,905
201,278
201,437
201,800
202,342
202,427
202,500
202,501
202,780
202,891
202,892
203,045
203,268
203,339
4 : 202,040
202,893
203,269
5 : 202,781

Class D23

1 : 200,236
202,502

Class D24

1 : 200,104
200,537
201,357
201,968
202,041
202,042
202,269
202,270
202,343
202,618
203,046
203,113
203,114
203,340

Class D25

1 : 201,017
203,115
203,176

Class D26

1 : 200,105
200,538
200,575
200,645
200,706
200,774
200,775
201,018
201,019
201,183
201,279
201,358
201,359
201,360
201,553
201,679
201,884
201,885
202,107
202,271
202,428
202,468
202,551
202,619
202,702
202,782
202,783
202,784
202,894
202,895
203,117
203,177
203,178
203,179
203,180
203,181
203,270
5 : 200,049
200,050
200,156
200,468
200,469
200,576
200,577
200,707
200,708
200,855
5 : 200,906
200,958
200,959
201,020
201,079
201,184
201,361
201,362
201,363
201,433
201,439
201,680
201,681
201,682
201,886
201,887
202,188
202,189
202,344
202,345
202,429
202,552
202,553
202,554
202,555
202,556
202,557
202,558
202,620
202,621
202,703
202,704
202,896
202,985
203,047
203,048
203,182
6 : 201,440
8 : 201,554
202,705
9 : 202,430
10 : 200,157
200,578
201,133
201,185
201,441
201,442
202,346
202,347
202,785
12 : 203,183
13 : 200,314
200,408
200,856
201,080
201,244
201,364
201,555
201,621
201,622
201,801
202,043
202,108
202,190
202,272
202,273
202,348
202,559
202,622
202,623
202,706
202,786
202,897
203,116
203,184
203,271
14 : 200,051
200,106
200,158
200,203
200,237
200,315
200,409
200,470
200,579
200,580
200,646
200,776
200,857
200,858
200,907
201,021
201,022
201,081
201,082
201,134
201,135
201,280
201,365
201,443
201,498
201,499
201,556
201,557
14 : 201,623
201,802
201,803
201,804
201,805
201,806
201,969
202,044
202,109
202,110
202,191
202,274
202,431
202,560
202,561
202,562
202,563
202,624
202,707
202,708
202,709
202,710
202,787
202,788
202,898
202,899
202,900
202,901
203,049
203,185
203,186
203,187
203,272
203,342
203,343
15 : 200,709
200,859
200,860
200,908
200,909
201,083
201,084
202,045
202,349
202,350

Class D28

1 : 200,777
203,188
203,189

Class D29

1 : 200,052
200,204
200,471
200,472
202,111
202,192
202,275
202,276
203,341
6 : 202,277
203,190
17 : 201,888
19 : 201,683
201,684
20 : 200,159
200,581
201,500
202,351
23 : 201,501
203,050
203,051
28 : 200,647
201,136
201,444
201,445
202,193
202,711
203,191

Class D30

1 : 200,238
200,239
200,316
200,710
201,281
201,366
201,367
201,368
201,970
202,789
203,344

Class D31

2 : 200,317
200,778
201,245
3 : 200,318
200,319
3 : 200,473
200,960
200,961
201,624
202,986
203,345
4 : 200,160
200,161
200,320
200,474
200,582
200,648
200,711
200,779
200,780
200,781
200,782
201,282
201,369
201,446
201,447
201,807
202,112
202,352
202,353
202,432
202,712
203,192
203,193
203,273

Class D33

1 : 200,107
200,539
200,540
200,962
203,118
2 : 200,583
201,085
201,808
202,194
202,195
3 : 199,981
200,205
200,410
200,910
201,023
201,024
201,370
201,502
201,809
201,810
202,354
202,355
203,119
203,274
6 : 199,982
200,475
202,987
203,120
203,194
7 : 200,240
200,649
200,911
201,137
201,971
202,196
202,197
202,564
203,195
203,196
8 : 201,025
201,186
201,889
202,356
10 : 201,026
11 : 202,790
203,121
12 : 200,411
14 : 199,983
200,321
200,412
200,413
200,476
200,584
200,712
200,713
200,783
200,912
201,086
201,138
201,558
201,685
202,046
202,357
202,625
202,713
202,791
203,197
203,198
203,199
203,200
203,275
14 : 203,276
203,277
17 : 201,246
201,686
19 : 200,206
201,687
202,503
202,902
203,122
203,346

Class D34

2 : 200,414
201,752
202,278
202,279
202,565
202,626
203,201
3 : 201,139
4 : 200,108
200,207
200,861
201,187
201,247
201,248
201,249
202,627
203,278
5 : 199,984
199,985
199,986
200,053
200,109
200,162
200,208
200,209
200,241
200,322
200,323
200,324
200,415
200,416
200,417
200,418
200,419
200,420
200,477
200,478
200,541
200,542
200,543
200,585
200,650
200,651
200,714
200,715
200,716
200,717
200,718
200,784
200,785
200,786
200,787
200,788
200,963
201,027
201,087
201,140
201,188
201,250
201,251
201,283
201,371
201,448
201,449
201,559
201,560
201,688
201,689
201,811
201,812
201,890
201,891
201,972
201,973
202,047
202,048
202,049
202,050
202,113
202,114
202,198
202,199
202,200
202,201
202,202
202,358
202,359
202,360
202,433
202,504
202,566

5 : 202,567
202,628
202,629
202,630
202,631
202,632
202,633
202,634
202,635
202,636
202,714
202,715
202,716
202,792
202,793
202,794
202,795
202,796
202,903
202,988
202,989
202,990
202,991
203,052
203,053
203,123
203,202
203,203
203,204
203,205
203,279
203,280
203,281
203,282
11 : 201,974
201,975
13 : 200,652
202,115
14 : 200,544
201,372
15 : 200,110
200,163
200,210
200,325
200,421
200,422
200,479
200,480
200,586
200,719
200,789
200,790
200,862
200,863
200,864
200,913
200,914
200,915
200,916
200,917
200,964
201,028
201,141
201,189
201,190
201,191
201,252
201,284
201,285
201,286
201,373
201,374
201,450
201,561
201,562
201,625
201,626
201,690
201,691
201,692
201,753
201,813
201,814
201,815
201,892
201,893
202,051
202,052
202,053
202,054
202,055
202,116
202,203
202,204
202,205
202,206
202,280
202,361
202,362
202,363
202,434
202,435
202,436
202,505

15 : 202,637
202,638
202,639
202,797
202,904
202,905
202,906
202,907
202,992
203,124
203,283
203,284

Class D35

1 : 199,987
203,206
203,207
2 : 200,326
200,545
200,653
201,029
201,287
201,451
201,627
201,976
201,977
202,056
202,057
3 : 200,720
200,965
201,816
202,058
202,281

Class D36

2 : 201,192
201,193
201,194
8 : 200,111
200,587
201,195
201,196
201,563
202,207
203,285

Class D37

1 : 200,242
200,243
200,327
200,328
200,588
200,865
201,030
201,142
201,288
201,289
201,754
201,755
202,059
202,364
202,640
202,798
202,799
202,800
202,908
202,909
202,993

Class D38

1 : 199,988
200,164

Class D39

1 : 200,244
200,546
200,721
200,722
200,866
201,978
203,125

Class D40

1 : 200,165
200,423
200,424
200,425
200,426
200,481
200,966
201,375
201,564
201,693
201,756
201,979
201,980
201,981
202,117

1 : 202,365
202,717
203,347

Class D41

1 : 199,989
200,112
200,166
200,167
200,168
200,329
200,723
200,791
200,918
200,967
201,031
201,032
201,088
201,143
201,694
202,118
202,366
202,718
202,801
202,910
203,208
203,286

Class D42

1 : 201,503
7 : 200,113
200,114
200,169
200,245
200,246
200,330
200,331
200,968
201,144
201,452
201,453
201,628
201,817
201,894
201,895
201,982
202,060
202,282
202,641
202,719
203,126
8 : 202,061
202,642
202,911

Class D44

1 : 199,990
200,247
200,332
200,427
200,724
201,290
201,629
201,757
201,758
201,818
201,896
201,897
201,983
202,062
202,367
202,506
202,912
4 : 203,209
6 : 200,969
9 : 200,792
202,119
202,368
202,369
202,469
202,507
202,568
202,643
202,644
203,054
10 : 199,991
199,992
199,993
200,054
200,115
200,248
200,249
200,250
200,333
200,482
200,483
200,547
200,654
200,793
200,867
201,197

10 : 201,198
201,454
201,630
201,631
201,695
201,696
201,759
201,760
201,898
201,899
201,900
202,508
202,509
203,055
203,127
203,287
203,288
15 : 200,055
200,056
200,057
200,058
200,059
200,060
200,061
200,062
200,063
200,064
200,065
200,066
200,067
200,484
200,485
200,868
201,376
201,455
201,504
201,505
201,506
201,507
201,508
201,509
201,510
201,511
201,512
201,513
201,901
202,470
202,471
202,510
202,720
202,994
203,210
18 : 200,486
202,721
21 : 200,116
201,632
201,761
201,902
202,511
202,645
202,913
203,211
22 : 199,994
199,995
200,428
201,819
201,820
203,212
203,289
26 : 200,251
200,487
200,655
201,456
202,283
29 : 200,117
200,211
200,252
200,334
200,335
200,429
200,488
200,489
200,589
200,656
200,794
200,869
200,919
200,920
200,970
201,089
201,145
201,253
201,291
201,292
201,377
201,457
201,514
201,565
201,903
201,904
201,905
201,906
201,984
201,985

29 : 202,063
202,208
202,472
202,512
202,569
202,570
202,571
202,646
202,722
202,802
202,914
202,915
202,916
202,995
203,056
203,057
203,058
203,128
203,213

Class D45

1 : 201,090
4 : 200,170
200,336
200,337
200,338
200,339
200,657
200,921
200,971
201,146
201,147
201,148
201,149
201,150
201,293
201,294
201,458
201,566
201,697
202,284
202,513
202,723
202,724
202,725
202,917
9 : 199,996
200,490
10 : 200,430
200,795
201,378
201,821
202,285
202,370
202,726
16 : 201,254
203,059
17 : 200,068
200,870
202,996
19 : 201,698
202,286
202,437

Class D46

1 : 200,340

Class D47

5 : 199,997
200,253
200,725
6 : 201,459
7 : 200,212
202,120

Class D48

2 : 200,796
202,209
202,647
203,214
203,290
4 : 200,590
201,199
202,514
202,803
202,997
203,060
203,129
14 : 201,907
16 : 200,591
200,726
201,033
201,034
201,035
201,091
201,092
201,822
201,986
202,371
202,515

16 : 202,729
202,804
202,918
203,061
203,291
20 : 199,998
200,171
200,172
200,213
200,341
200,342
200,491
200,592
200,658
200,727
200,871
201,036
201,037
201,038
201,151
201,295
201,296
201,379
201,460
201,567
201,699
201,762
201,823
201,824
201,908
202,210
202,211
202,438
202,727
202,728
202,805
202,806
202,919
203,062
203,130
203,131
203,215
23 : 200,069
200,548
201,093
201,380
202,516
202,648
202,807
24 : 200,549
201,094
201,381
201,825
202,439
203,063
203,064
203,216
27 : 200,872
200,972
201,039
201,040
201,461
201,763
202,121
202,122
202,649
203,292
203,348
203,349
28 : 202,123
202,287
31 : 199,999
200,001
200,118
200,214
200,343
200,344
200,593
200,973
201,095
201,382
201,515
201,700
201,764
201,765
201,826
201,909
202,212
202,372
202,373
202,440
202,808
203,065
203,217
203,293
203,294
203,350
203,351
32 : 200,345
200,431
200,432
201,297
203,352
203,353

32 : 203,354

Class D49

1 : 200,254
200,346
200,594
200,728
201,383
201,633
201,827
202,064
202,374
202,809
203,218
203,219
2 : 202,810
6 : 200,173
201,041
201,701

Class D50

3 : 200,002
200,003
201,987
203,220
5 : 200,255
200,433
200,659
200,660
201,200
201,634
203,132
6 : 200,070
201,096
201,097
7 : 200,492
200,873
200,974
201,988
202,065

Class D52

1 : 200,347
200,922
201,910
202,375
202,730
2 : 200,004
200,348
200,661
200,923
201,042
201,098
201,099
201,298
201,462
201,516
201,517
201,518
201,568
201,702
201,703
201,704
201,766
201,828
201,911
201,912
201,989
202,517
202,920
203,066
203,221
3 : 200,071
200,215
200,216
200,349
200,662
200,924
201,043
201,152
201,299
201,463
201,519
201,705
201,706
202,288
202,289
202,473
202,731
202,811
202,812
202,921
203,222
4 : 201,569
6 : 200,119
200,174
200,256
200,350
200,493
200,595
200,663

Class D52 – Con.

6 : 200,664
200,730
200,797
200,798
200,976
201,100
201,201
201,255
201,300
201,384
201,385
201,570
201,635
201,707
201,767
201,768
201,769
201,829
201,913
201,990
201,991
202,290
202,291
202,292
202,518
202,572
202,650
202,732
202,813
202,922
203,067
203,068
203,223
7 : 200,596
200,925
200,926
201,708
201,914
202,293
202,441
202,733
203,069
10 : 201,044
201,386
201,464
201,571
201,636
201,830
201,992
202,124
202,651

Class D54

1 : 201,387
201,637
201,638
201,831
201,993
202,294
202,376
202,519
202,520
202,573
202,734
202,923
203,070
203,133
203,295
2 : 200,005
200,351
200,352
200,353
200,731
201,045
201,639
201,994
202,652
202,735
203,071
203,224
3 : 202,814
4 : 201,640
202,998
8 : 202,815
202,924
9 : 200,217
200,218
200,799
201,388
202,925
10 : 201,832
201,833
11 : 202,736
12 : 200,006
200,007
200,008
200,175
200,354
12 : 200,800
200,801
200,874
200,927
200,928
201,046
201,202
201,301
201,572
201,573
201,574
201,834
201,835
201,995
202,066
202,067
202,213
202,214
202,295
202,574
202,575
202,653
202,816
202,926
203,072
13 : 200,009
200,010
200,176
200,434
200,435
200,597
200,729
200,732
200,875
201,203
201,302
201,520
201,521
201,575
201,641
201,709
201,710
201,836
201,837
201,915
202,125
202,126
202,215
202,216
202,377
202,474
202,475
202,521
202,654
202,655
202,656
202,737
202,817
202,927
202,928
202,929
202,999
203,000
203,001
203,134
203,135
203,296
203,297
203,298
203,299
203,355
203,356
14 : 200,072
200,802
200,876
201,153
201,204
201,389
202,442
202,738
203,142
16 : 200,257
202,576
74 : 202,378

Class D55

1 : 200,011
200,012
200,494
200,550
200,598
200,665
200,803
200,877
201,047
201,048
201,154
201,303
201,390
201,391
1 : 201,392
201,465
201,522
201,523
201,576
201,577
201,711
201,712
201,770
201,916
201,917
201,996
202,068
202,069
202,127
202,128
202,217
202,522
202,577
202,578
202,657
202,818
202,819
202,930
203,300

Class D56

1 : 200,436
201,304
202,523
202,579
203,301
2 : 200,437
200,438
201,049
4 : 200,219
200,495
200,733
200,804
200,975
201,205
201,206
201,256
201,305
201,306
201,466
201,524
201,713
201,838
202,070
202,296
202,379
202,443
202,476
202,477
203,002
203,003
203,073
203,302
9 : 200,258
200,439
200,440
200,599
200,929
201,155
201,156
201,207
201,208
201,209
202,297
202,524
202,739
202,740

Class D57

1 : 200,073
200,259
200,355
200,391
200,496
200,600
200,601
200,666
200,667
200,734
200,735
200,736
200,805
200,878
201,050
201,101
201,210
201,393
201,394
201,467
201,468
201,578
201,918
201,919
1 : 201,920
201,921
202,071
202,129
202,130
202,218
202,380
202,444
202,478
202,525
202,526
202,658
202,659
202,741
202,742
202,820
203,004
203,136
203,303
203,357
203,358
2 : 201,642
7 : 203,005

Class D58

2 : 200,220
200,551
200,552
200,553
200,554
200,555
200,806
200,807
201,102
201,579
202,298
202,381
202,743
202,821
3 : 200,074
200,177
200,808
4 : 200,178
5 : 200,013
200,014
200,075
200,120
200,221
200,260
200,261
200,356
200,357
200,441
200,497
200,602
200,668
200,809
200,879
200,880
200,930
200,931
201,051
201,103
201,157
201,211
201,212
201,257
201,258
201,307
201,308
201,309
201,310
201,311
201,312
201,313
201,469
201,580
201,839
202,382
202,479
202,527
202,660
202,661
202,931
202,932
203,225
203,226
6 : 200,262
200,442
200,810
200,811
200,932
201,052
201,213
201,214
201,215
201,216
201,217
201,218
201,219
6 : 201,314
201,395
201,470
201,581
201,582
201,583
201,584
201,585
201,643
201,997
201,998
202,219
202,220
202,221
202,222
202,383
202,445
202,822
202,823
202,933
203,006
203,074
203,075
203,227
203,228
203,229
203,359
203,360
7 : 200,977
8 : 200,015
200,222
200,263
200,358
200,498
200,499
200,603
200,978
201,220
201,221
201,259
201,260
201,261
201,315
201,396
201,586
201,587
201,588
201,714
201,840
201,999
202,072
202,131
202,223
202,224
202,299
202,300
202,480
202,662
202,824
203,007
203,076
203,077
9 : 200,076
200,737
200,812
201,316
201,397
201,589
201,841
201,842
202,073
202,074
202,663
202,934
203,008
203,304
11 : 200,179
200,443
200,444
202,000
12 : 200,000
200,933
201,644
201,715
202,301
202,446
.6 : 200,180
.6 : 200,359
.6 : 200,445
.6 : 200,500
.6 : 200,604
.6 : 200,669
.6 : 200,813
.6 : 200,881
.6 : 201,317
.6 : 201,318
.6 : 201,398
.6 : 201,843
.6 : 201,922
.6 : 201,923
.6 : 202,384
12.6 : 202,385
.6 : 202,447
.6 : 203,230
.6 : 203,231
.7 : 200,016
.7 : 200,017
.7 : 200,446
.7 : 200,670
.7 : 201,399
.7 : 201,645
.7 : 201,844
.7 : 201,845
.7 : 201,924
.7 : 202,448
.7 : 202,449
.7 : 202,450
.7 : 202,935
.7 : 202,936
.7 : 203,137
.7 : 203,305
.7 : 203,306
13 : 200,264
200,501
200,502
200,814
200,815
200,816
200,934
201,525
201,716
201,846
201,847
201,848
201,925
202,001
202,132
202,451
202,528
202,580
202,825
202,826
202,937
203,009
203,078
203,138
17 : 200,018
200,019
200,121
200,265
200,266
200,267
200,360
200,361
200,503
200,671
200,672
200,738
200,817
200,882
200,935
200,979
201,053
201,054
201,055
201,319
201,400
201,526
201,646
201,926
201,927
201,928
202,002
202,003
202,133
202,134
202,225
202,744
203,232
25 : 200,122
200,123
200,268
200,362
200,363
200,605
200,386
26 : 200,020
200,021
200,022
200,023
200,024
200,077
200,124
200,125
200,181
200,182
200,269
200,270
200,271
200,364
200,447
200,606
26 : 200,607
200,608
200,609
200,610
200,673
200,674
200,675
200,676
200,818
200,819
200,820
200,821
200,883
200,884
200,980
200,981
201,056
201,057
201,104
201,222
201,223
201,224
201,262
201,320
201,401
201,402
201,403
201,471
201,472
201,473
201,647
201,648
201,649
201,650
201,651
201,652
201,717
201,718
201,849
202,135
202,136
202,137
202,138
202,139
202,140
202,226
202,227
202,228
202,302
202,303
202,304
202,305
202,452
202,664
202,665
202,666
202,745
202,827
202,938
202,939
203,010
203,079
203,080
203,361

Class D59

2 : 201,105
202,828
202,940
202,941
203,011
8 : 201,404
202,229
202,453

Class D61

1 : 200,025
200,126
200,127
200,128
200,129
200,130
200,272
200,365
200,448
200,449
200,504
200,505
200,611
200,739
200,822
200,823
200,936
200,982
200,983
200,984
201,058
201,059
201,106

1 : 201,158
201,225
201,321
201,405
201,474
201,475
201,527
201,528
201,590
201,719
201,720
201,771
201,929
201,930
202,075
202,141
202,142
202,143
202,230
202,231
202,306
202,307
202,308
202,581
202,582
202,583
202,667
202,668
202,669
202,746
202,829
202,830
202,831
202,832
202,833
202,942
202,943
202,944
203,081
203,233

Class D62

2 : 200,556
200,557
200,677
200,937
201,060
201,061
201,931
201,932
202,144
202,387
203,082
203,083
203,362
3 : 203,139
4 : 200,131
200,132
200,223
200,450
200,678
200,740
200,824
200,938
201,322
201,653
201,721
201,850
201,933
202,232

Class D63

1 : 201,476

Class D64

10 : 200,741
202,309
202,945
203,084
11 : 200,026
200,273
200,451
200,742
200,939
201,159
201,722
202,004
202,076
202,233
202,234
202,235
202,388
202,389
202,390
202,481
202,482
202,584
202,585
11 : 202,586
202,587
202,670
203,012
203,140
203,141
203,307
203,308
12 : 200,078
200,079
200,985
201,723
201,724
202,236

Class D65

1 : 201,529
202,145
202,146
202,147
202,483
202,834
202,835
202,836
203,309

Class D66

1 : 201,226
201,477
201,478
202,077
202,310
202,837

Class D67

2 : 201,591
201,592
3 : 200,027
200,028
200,029
200,080
200,133
200,558
200,612
200,679
201,160
201,161
202,529
202,747
202,838
4 : 200,613

Class D70

1 : 200,030
201,107
201,323
201,406
202,588
202,589
203,310
2 : 202,590

Class D71

1 : 200,134
200,135
200,183
200,184
200,185
200,274
200,275
200,276
200,366
200,367
200,368
200,369
200,506
200,507
200,614
200,680
200,743
200,744
200,745
200,825
200,826
200,885
200,886
200,887
200,940
200,941
200,986
201,062
201,108
201,109
201,263
201,264
201,324
1 : 201,325
201,407
201,408
201,409
201,530
201,654
201,725
201,772
201,773
201,774
201,775
201,851
201,934
202,148
202,149
202,150
202,151
202,152
202,237
202,311
202,312
202,391
202,454
202,455
202,456
202,591
202,671
202,748
202,749
202,839
202,840
202,841
202,946
202,947
202,948
203,013
203,085
203,363
203,364
203,365

Class D72

1 : 200,615
200,827
200,888
201,227
201,410
201,531
201,593
201,655
202,005
202,313
202,592
202,672
202,842

Class D73

1 : 201,110
201,228
201,229
201,594
201,595
201,726
201,776
202,006
202,314
202,392
202,750

Class D74

1 : 200,277
200,370
200,508
200,559
200,681
200,828
201,230
201,727
201,728
201,729
201,730
201,731
202,007
202,078
202,238
202,593
202,949
2 : 200,746
201,111
201,935
202,079
5 : 200,747
201,777
202,080
202,239
202,393
202,394
202,950
9 : 200,452
200,453
200,748
201,411
201,596
201,732
202,315
202,951
10 : 202,673
12 : 202,594
13 : 201,733
17 : 200,509
200,510
200,511
200,512
200,513
200,514
200,560
201,063
201,231
201,326
201,412
201,734
201,852
202,153
202,395
202,674
202,843
202,952
203,014
203,234
21 : 200,616
201,479
201,853
202,457

Class D76

1 : 201,162

Class D77

1 : 200,561
200,829
201,327
201,413
202,844
202,845
202,953
203,015

Class D78

1 : 200,031
200,454
200,682

Class D80

2 : 201,854
202,595
8 : 200,224
200,278
200,942
201,112
201,328
201,597
201,735
201,778
201,855
201,936
202,240
202,316
202,484
202,530
202,675
202,846
202,954
202,955
203,016
9 : 200,032
200,136
200,371
200,372
200,373
200,455
200,562
201,064
201,163
201,232
201,265
201,329
201,330
201,331
201,332
201,414
201,480
201,532
201,533
202,008
202,154
9 : 202,155
202,396
202,485
202,676
202,677
202,847
203,017
203,235
10 : 200,617
200,830
200,943
201,164
202,848
203,086
203,366
11 : 200,033
200,081
200,225
200,226
200,279
200,831
200,987
201,481
201,534
201,535
201,856
202,081
202,458
202,531
202,532
202,849
202,956
203,236
203,367

Class D81

1 : 200,377
200,749
4 : 200,832
200,889
200,890
200,891
201,233
203,368
5 : 203,369
7 : 201,266
201,482
201,483
201,536
202,957
10 : 200,082
200,083
200,084
200,137
200,280
200,515
200,516
200,517
200,683
200,750
201,165
201,234
201,415
201,416
201,736
201,937
202,156
202,157
202,397
202,533
202,678
202,751
202,752
202,753
202,958
202,959
202,960
202,961
203,087
203,088
203,089
203,370
203,371
18 : 202,241
202,850
19 : 201,417
20 : 200,227
200,374
201,113
201,333
202,009
202,010
25 : 200,518
200,751
201,065
201,334
201,779
201,938
202,011
202,012
25 : 202,851
203,090
203,372
26 : 200,833
202,317

Class D82

2 : 201,066
202,679
202,852

Class D83

1. 203,373
200,034
200,085
200,138
200,281
200,375
200,376
200,378
200,379
200,380
200,381
200,563
200,752
200,834
200,835
200,836
200,892
200,988
201,067
201,166
201,167
201,267
201,335
201,598
201,737
201,780
201,939
201,940
202,013
202,082
202,083
202,084
202,085
202,318
202,319
202,398
202,399
202,486
202,534
202,596
202,597
202,598
202,599
202,680
202,853
202,854
202,855
202,962
202,963
203,018
203,091
203,092
203,093
203,094
203,311
8 : 200,282
200,382
200,618
201,336
203,143
12 : 200,283
202,754
203,374
203,375

Class D85

2 : 200,383
200,384
200,456
200,619
200,837
201,337
201,418
201,484
201,738
201,941
201,942
202,014
202,158
202,459
202,681
202,856
202,857
202,964
202,965
202,966
2 : 203,237
203,312
203,313
203,376
8 : 200,035
200,838
201,419
201,537
201,943
202,159
202,400
203,019
203,238
203,377

Class D86

8 : 201,338
201,339
202,320
10 : 200,086
200,139
200,140
200,284
200,385
200,457
200,519
200,520
200,521
200,684
200,685
200,839
201,168
201,420
201,485
201,599
201,600
201,656
201,857
201,944
202,015
202,016
202,401
202,487
202,535
202,536
202,600
202,858
202,967
203,095
203,144
203,314

Class D87

2 : 201,739
201,740
202,242
202,243
202,244
202,245
202,246
202,601
202,682
203,020
203,021
203,239
3 : 200,036
200,037
200,038
200,039
200,386
200,620
200,944
200,989
201,114
201,421
201,422
201,601
202,086
202,087
202,088
202,089
202,090
202,091
202,092
202,247
202,248
202,249
202,402
202,683
202,684
202,755
202,756
202,859
202,860
203,240
5 : 200,141
200,142
200,143
200,458

Class D87—Con.

5 : 200,621
200,945
200,990
200,991
201,115
201,423
201,486
201,487
201,741
201,781
202,017
202,093
202,160
202,250
202,321
202,322
202,403
202,602
202,861
203,022
203,023
203,096
203,145
203,315

Class D88

2 : 202,603

Class D89

1 : 200,285
200,686
201,116
201,169
201,268
201,602
202,488
202,685
11 : 202,251

Class D90

1 : 200,286
200,459
201,235
202,489
203,097
3 : 200,144
5 : 201,236
8 : 200,040
200,145
200,753
200,946
200,992
201,068
201,603
8 : 201,604
201,605
202,018
202,968
202,969
203,146
203,241
11 : 201,237
14 : 200,087
203,316
16 : 200,840
200,947
200,993
200,994
202,604
20 : 200,687
200,688
200,689
200,690
200,691
200,692
200,693
200,694
200,948
201,117
201,118
201,170
201,238
20 : 201,269
201,424
201,488
201,489
201,606
201,607
201,608
201,609
201,782
201,783
201,858
202,094
202,161
202,162
202,252
202,253
202,254
202,404
202,537
202,605
202,862
202,970
203,242
203,317
203,318
203,319
203,320
203,321

Class D91

1 : 200,041
200,287
200,387
200,564
200,893
200,949
200,950
200,951
200,995
201,340
201,425
202,460
202,490
202,538
202,686
202,863
203,322
203,378
3 : 200,042
200,088
200,186
200,187
200,188
200,388
200,389
200,390
3 : 200,522
200,565
200,622
200,754
201,270
201,859
202,095
202,096
202,163
202,323
202,405
202,406
202,407
202,491
202,757
202,864
203,098
203,147
203,148
203,243
203,244
203,245
203,246
203,323
203,324
4 : 202,758

Class D92

1 : 200,043
1 : 200,044
201,341
202,971
203,024
2 : 200,695
4 : 203,149
15 : 200,228
201,342
26 : 200,696
200,841
201,069
201,945
202,019
202,020
202,972
203,247
203,325
203,326
203,327

Class D93

3 : 202,255
203,099
4 : 201,171
201,538
202,324
202,687

1965

CLASSIFICATION OF PLANTS

P.— 1: 2,525
2: 2,488
5: 2,473
2,531
6: 2,573
7: 2,563
9: 2,483
10: 2,484
11: 2,523
2,524
2,530
2,577
14: 2,522
2,553
15: 2,499
16: 2,550
18: 2,565
2,570

P.— 18: 2,578
2,582
19: 2,521
2,579
20: 2,474
2,493
2,500
2,526
2,545
2,546
2,558
2,569
2,574
22: 2,466
2,549
24: 2,542
2,576
26: 2,541

P.— 28: 2,538
2,540
2,557
30: 2,534
2,548
34: 2,486
2,512
36: 2,489
2,527
37: 2,572
38: 2,496
2,539
2,564
2,571
2,575
39: 2,515
2,543

P.— 41: 2,532
2,580
43: 2,497
2,533
44: 2,528
2,529
46: 2,469
50: 2,487
2,491
51: 2,556
2,566
2,567
2,581
54: 2,514
2,516
2,544
2,551

P.— 55: 2,472
2,495
2,508
56: 2,485
2,490
2,503
57: 2,471
2,492
2,504
2,505
2,506
2,507
2,568
68: 2,467
2,583
70: 2,475
2,478

P.— 70: 2,480
2,482
2,535
2,536
71: 2,479
2,481
72: 2,476
2,477
76: 2,555
77: 2,518
2,547
78: 2,498
79: 2,520
80: 2,517
81: 2,552
82: 2,494
2,519

P.— 82: 2,554
84: 2,468
85: 2,465
2,470
2,509
2,559
2,560
2,561
2,562
86: 2,501
87: 2,537
88: 2,502
2,513
89: 2,510
2,511
2,584

CLASS TITLES ARRANGED IN CLASS NUMBER ORDER

Class	Title
	Plants
1	Nailing, Stapling and Clip Clenching*
2	Apparel
3	Artificial Body Members
4	Baths, Closets, Sinks and Spittoons
5	Beds
6	Bee Culture
7	Compound Tools
8	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers
9	Boats, Buoys and Aquatic Devices
10	Bolt, Nail, Nut, Rivet and Screw Making
11	Books, Making
12	Boot and Shoe Making
13	Electric Furnaces
14	Bridges
15	Brushing, Scrubbing and General Cleaning
16	Miscellaneous Hardware
17	Butchering
18	Plastics
19	Textiles, Fiber Preparation
20	Wooden Buildings
21	Preserving, Disinfecting and Sterilizing
22	Metal Founding
23	Chemistry
24	Buckles, Buttons, Clasps, Etc.
25	Plastic Block and Earthenware Apparatus
26	Textiles, Cloth Finishing
27	Undertaking
28	Textiles, Manufacturing
29	Metal Working
30	Cutlery
31	Dairy
32	Dentistry
33	Geometrical Instruments
34	Drying and Gas or Vapor Contact With Solids
35	Education
36	Boots, Shoes and Leggings
37	Excavating
38	Textiles, Ironing or Smoothing
39	Gates
40	Card, Picture and Sign Exhibiting
41	No Class
42	Firearms
43	Fishing, Trapping and Vermin Destroying
44	Fuel and Igniting Devices
45	No Class
46	Amusement Devices, Toys
47	Plant Husbandry
48	Gas, Heating and Illuminating
49	No Class
50	Building Structures*
51	Abrading
52	Static Structures, e.g., Buildings**
53	Package Making
54	Harness
55	Gas Separation
56	Harvesters
57	Textiles, Spinning, Twisting and Twining
58	Horology
59	Chain, Staple and Horseshoe Making
60	Power Plants
61	Hydraulic and Earth Engineering
62	Refrigeration
63	Jewelry
64	Machine Elements, Shafting and Flexible Shaft Couplings
65	Glass Manufacturing
66	Textiles, Knitting
67	Illuminating Burners
68	Textiles, Fluid Treating Apparatus
69	Leather Manufactures
70	Locks
71	Chemistry, Fertilizers
72	Metal Deforming**
73	Measuring and Testing
74	Machine Elements and Mechanisms
75	Metallurgy
76	Metal Tools and Implements, Making
77	Boring and Drilling
78	Metal Forging and Welding*
79	Button Making
80	Metal Rolling*
81	Tools
82	Turning
83	Cutting
84	Music
85	Driven, Headed and Screw-Threaded Fastenings
86	Ammunition and Explosive-Charge Making
87	Textiles, Braiding, Netting and Lace Making
88	Optics
89	Ordnance
90	Gear Cutting, Milling and Planing
91	Motors, Expansible Chamber Type
92	Expansible Chamber Devices
93	Paper Manufactures
94	Roads and Pavements
95	Photography
96	Photographic Chemistry, Processes and Materials
97	No Class
98	Ventilation
99	Foods and Beverages
100	Presses
101	Printing
102	Ammunition and Explosive Devices
103	Pumps
104	Railways
105	Railway Rolling Stock

*Class abolished during 1965
**Class established during 1965

Class	Title
106	Compositions, Coating or Plastic
107	Bread, Pastry and Confection Making
108	Horizontally Supported Planar Surfaces
109	Safes, Bank Protection and Related Devices
110	Furnaces
111	Planting
112	Sewing
113	Sheet-Metal Ware, Making
114	Ships
115	Marine Propulsion
116	Signals and Indicators
117	Coating: Processes and Miscellaneous Products
118	Coating Apparatus
119	Animal Husbandry
120	Stationery
121	No Class
122	Liquid Heaters and Vaporizers
123	Internal-Combustion Engines
124	Mechanical Guns and Projectors
125	Stone Working
126	Stoves and Furnaces
127	Sugar, Starch and Carbohydrates
128	Surgery
129	Paper Files and Binders
130	Threshing
131	Tobacco
132	Toilet
133	Coin Handling
134	Cleaning and Liquid Contact With Solids
135	Tents, Canopies, Umbrellas and Canes
136	Batteries
137	Fluid Handling
138	Pipes and Tubular Conduits
139	Textiles, Weaving
140	Wireworking
141	Fluent Material Handling, With Receiver or Receiver Coacting Means
142	Wood Turning
143	Wood Sawing
144	Woodworking
145	Woodworking Tools
146	Vegetable and Meat Cutters and Comminutors
147	Coopering
148	Metal Treatment
149	Explosive and Thermic Compositions or Charges
150	Cloth, Leather and Rubber Receptacles
151	Nut and Bolt Locks
152	Resilient Tires and Wheels
153	Metal Bending*
154	No Class
155	No Class
156	Adhesive Bonding and Miscellaneous Chemical Manufacture
157	Wheelwright Machines
158	Liquid and Gaseous Fuel Burners
159	Concentrating Evaporators
160	Closures, Partitions and Panels, Flexible and Portable
161	Stock Material and Miscellaneous Articles
162	Paper Making and Fiber Liberation
163	Needle and Pin Making
164	No Class
165	Heat Exchange
166	Wells
167	Medicines, Poisons and Cosmetics
168	Farriery
169	Fire-Extinguishers
170	Motors, Fluid Current
171	Unearthing Plants or Buried Objects
172	Earth Working
173	Tool Driving or Impacting
174	Electricity, Conductors and Insulators
175	Boring or Penetrating the Earth
176	Nuclear Reactions and Systems
177	Weighing Scales
178	Telegraphy
179	Telephony
180	Motor Vehicles
181	Acoustics
182	Fire Escapes, Ladders, Scaffolds
183	No Class
184	Lubrication
185	Motors, Spring, Weight and Animal Powered
186	Store Service
187	Elevators
188	Brakes
189	Metallic Building Structures
190	Baggage
191	Electricity, Transmission to Vehicles
192	Clutches and Power-Stop Control
193	Conveyers, Chutes, Skids, Guides and Ways
194	Check-Controlled Apparatus
195	Chemistry, Fermentation
196	Mineral Oils: Apparatus
197	Typewriting Machines
198	Conveyers, Power-Driven
199	Type Casting
200	Electricity, Circuit Makers and Breakers
201	Distillation: Processes, Thermolytic**
202	Distillation
203	Distillation: Processes, Separatory**
204	Chemistry, Electrical and Wave Energy
205	Metal Drawing*
206	Special Receptacles and Packages
207	Plastic Metal Working*
208	Mineral Oils: Processes and Products
209	Classifying, Separating and Assorting Solids
210	Liquid Purification or Separation
211	Supports, Racks
212	Traversing Hoists
213	Railway Draft Appliances
214	Material or Article Handling
215	Bottles and Jars
216	No Class
217	Wooden Receptacles
218	Button, Eyelet and Rivet Setting*
219	Electric Heating
220	Metallic Receptacles

*Class abolished during 1965
**Class established during 1965

Class	Title
221	Article Dispensing
222	Dispensing
223	Apparel Apparatus
224	Package and Article Carriers
225	Severing by Tearing or Breaking
226	Advancing Material of Indeterminate-Length
227	Elongated-Member-Driving Apparatus**
228	Metal Fusion-Bonding Apparatus**
229	Paper Receptacles
230	Gas Pumps and Fans
231	Whips and Whip Apparatus
232	Deposit and Collection Receptacles
233	Centrifugal-Bowl Separators
234	Selective Cutting (e.g., Punching)
235	Registers
236	Automatic Temperature and Humidity Regulation
237	Heating Systems
238	Railways, Surface Track
239	Fluid Sprinkling, Spraying and Diffusing
240	Illumination
241	Solid Material Comminution or Disintegration
242	Winding and Reeling
243	Pneumatic Dispatch
244	Aeronautics
245	Wire Fabrics and Structure
246	Railway Switches and Signals
247	No Class
248	Supports
249	Static Molds**
250	Radiant Energy
251	Valves and Valve Actuation
252	Compositions
253	Motors, Fluid
254	Pushing and Pulling Implements
255	No Class
256	Fences
257	No Class
258	Railway Mail Delivery
259	Agitating
260	Chemistry, Carbon Compounds
261	Gas and Liquid Contact Apparatus
262	No Class
263	Heating
264	Plastic and Non-Metallic Article Shaping or Treating: Processes
265	No Class
266	Metallurgical Apparatus
267	Spring Devices
268	Closure-Operators
269	Work Holders
270	Sheet-Material Associating or Folding
271	Sheet Feeding or Delivering
272	Amusement and Exercising Devices
273	Amusement Devices, Games
274	Sound Recording and Reproducing
275	Scattering-Unloaders
276	Type Setting
277	Joint Packing
278	Land Vehicles, Animal Draft Appliances
279	Chucks or Sockets
280	Land Vehicles
281	Books, Strips and Leaves
282	Manifolding
283	Printed Matter
284	No Class
285	Pipe Joints or Couplings
286	No Class
287	Rod Joints or Couplings
288	No Class
289	Knots and Knot Tying
290	Prime-Mover Dynamo Plants
291	Track Sanders
292	Closure Fasteners
293	Vehicle Fenders
294	Handling, Hand and Hoist-Line Implements
295	Railway Wheels and Axles
296	Land Vehicles, Bodies and Tops
297	Chairs and Seats
298	Land Vehicles, Dumping
299	Mining or In Situ Disintegration of Hard Materials
300	Brush, Broom and Mop Making
301	Land Vehicles, Wheels and Axles
302	Conveyers, Fluid Current
303	Fluid-Pressure Brake and Analogous Systems
304	No Class
305	Wheel Substitutes for Land Vehicles
306	Tool-Handle Fastenings
307	Electrical Transmission or Interconnection Systems
308	Machine Elements, Bearings and Guides
309	No Class
310	Electrical Generator or Motor Structure
311	No Class
312	Supports, Cabinet Structures
313	Electric Lamp and Discharge Devices
314	Electric Lamp and Discharge Devices, Consumable Electrodes
315	Electric Lamp and Discharge Devices, Systems
316	Electric Lamp and Discharge Devices, Manufacture and Repair
317	Electricity
318	Electricity, Motive Power Systems
319	No Class
320	Electricity, Battery and Condenser Charging and Discharging
321	Electricity, Conversion Systems
322	Electricity, Single Generator Systems
323	Electricity, Voltage Magnitude and Phase Control Systems
324	Electricity, Measuring and Testing
325	Modulated Carrier Wave Communication Systems
326	No Class
327	No Class
328	Miscellaneous Electron Space Discharge Device Systems
329	Demodulators and Detectors
330	Amplifiers
331	Oscillators

*Class abolished during 1965
**Class established during 1965

Class	Title
332	Modulators
333	Wave Transmission Lines and Networks
334	Tuners
335	No Class
336	Inductor Devices
337	No Class
338	Electrical Resistors
339	Electrical Connectors
340	Communications, Electrical
341	No Class
342	No Class
343	Communications, Radio Wave
344	No Class
345	No Class
346	Recorders
	Designs
	Industrial Arts
	Household, Personal and Fine Arts
351	Optics, Eye Examining, Vision Testing and Correcting
352	Optics, Motion Pictures

CLASS TITLES ARRANGED IN ALPHABETICAL ORDER

Class	Title
51	Abrading
181	Acoustics
156	Adhesive Bonding and Miscellaneous Chemical Manufacture
226	Advancing Material of Indeterminate-Length
244	Aeronautics
259	Agitating
86	Ammunition and Explosive-Charge Making
102	Ammunition and Explosive Devices
330	Amplifiers
272	Amusement and Exercising Devices
273	Amusement Devices, Games
46	Amusement Devices, Toys
119	Animal Husbandry
2	Apparel
223	Apparel Apparatus
221	Article Dispensing
3	Artificial Body Members
236	Automatic Temperature and Humidity Regulation
190	Baggage
4	Baths, Closets, Sinks and Spittoons
136	Batteries
5	Beds
6	Bee Culture
8	Bleaching and Dyeing; Fluid Treatment and Chemical Modification of Textiles and Fibers
9	Boats, Buoys and Aquatic Devices
10	Bolt, Nail, Nut, Rivet and Screw Making
11	Books, Making
281	Books, Strips and Leaves
12	Boot and Shoe Making
36	Boots, Shoes and Leggings
77	Boring and Drilling
175	Boring or Penetrating the Earth
215	Bottles and Jars
188	Brakes
107	Bread, Pastry and Confection Making
14	Bridges
300	Brush, Broom and Mop Making
15	Brushing, Scrubbing and General Cleaning
24	Buckles, Buttons, Clasps, Etc.
50	Building Structures*
17	Butchering
218	Button, Eyelet and Rivet Setting*
79	Button Making
40	Card, Picture and Sign Exhibiting
233	Centrifugal-Bowl Separators
59	Chain, Staple and Horseshoe Making
297	Chairs and Seats
194	Check-Controlled Apparatus
23	Chemistry
260	Chemistry, Carbon Compounds
204	Chemistry, Electrical and Wave Energy
195	Chemistry, Fermentation
71	Chemistry, Fertilizers
279	Chucks or Sockets
209	Classifying, Separating and Assorting Solids
134	Cleaning and Liquid Contact With Solids
292	Closure Fasteners
268	Closure-Operators
160	Closures, Partitions and Panels, Flexible and Portable
150	Cloth, Leather and Rubber Receptacles
192	Clutches and Power-Stop Control
118	Coating Apparatus
117	Coating: Processes and Miscellaneous Products
133	Coin Handling
340	Communications, Electrical
343	Communications, Radio Wave
252	Compositions
106	Compositions, Coating or Plastic
7	Compound Tools
159	Concentrating Evaporators
193	Conveyers, Chutes, Skids, Guides and Ways
302	Conveyers, Fluid Current
198	Conveyers, Power-Driven
147	Coopering
30	Cutlery
83	Cutting
31	Dairy
329	Demodulators and Detectors
32	Dentistry
232	Deposit and Collection Receptacles
222	Dispensing
202	Distillation
201	Distillation: Processes, Thermolytic**
203	Distillation: Processes, Separatory**
85	Driven, Headed and Screw-Threaded Fastenings

*Class abolished during 1965
**Class established during 1965

Class	Title
34	Drying and Gas or Vapor Contact With Solids
172	Earth Working
35	Education
13	Electric Furnaces
219	Electric Heating
313	Electric Lamp and Discharge Devices
314	Electric Lamp and Discharge Devices, Consumable Electrodes
316	Electric Lamp and Discharge Devices, Manufacture and Repair
315	Electric Lamp and Discharge Devices, Systems
339	Electrical Connectors
310	Electrical Generator or Motor Structure
338	Electrical Resistors
307	Electrical Transmission or Interconnection Systems
317	Electricity
320	Electricity, Battery and Condenser Charging and Discharging
200	Electricity, Circuit Makers and Breakers
174	Electricity, Conductors and Insulators
321	Electricity, Conversion Systems
324	Electricity, Measuring and Testing
318	Electricity, Motive Power Systems
322	Electricity, Single Generator Systems
191	Electricity, Transmission to Vehicles
323	Electricity, Voltage Magnitude and Phase Control Systems
187	Elevators
227	Elongated-Member-Driving Apparatus**
37	Excavating
92	Expansible Chamber Devices
149	Explosive and Thermic Compositions or Charges
168	Farriery
256	Fences
182	Fire Escapes, Ladders, Scaffolds
169	Fire-Extinguishers
42	Firearms
43	Fishing, Trapping and Vermin Destroying
141	Fluent Material Handling, With Receiver or Receiver Coacting Means
137	Fluid Handling
303	Fluid-Pressure Brake and Analogous Systems
239	Fluid Sprinkling, Spraying and Diffusing
99	Foods and Beverages
44	Fuel and Igniting Devices
110	Furnaces
261	Gas and Liquid Contact Apparatus
48	Gas, Heating and Illuminating
230	Gas Pumps and Fans
55	Gas Separation
39	Gates
90	Gear Cutting, Milling and Planing
33	Geometrical Instruments
65	Glass Manufacturing
294	Handling, Hand and Hoist-Line Implements
54	Harness
56	Harvesters
165	Heat Exchange
263	Heating
237	Heating Systems
108	Horizontally Supported Planar Surfaces
58	Horology
61	Hydraulic and Earth Engineering
67	Illuminating Burners
240	Illumination
336	Inductor Devices
123	Internal-Combustion Engines
63	Jewelry
277	Joint Packing
289	Knots and Knot Tying
280	Land Vehicles
278	Land Vehicles, Animal Draft Appliances
296	Land Vehicles, Bodies and Tops
298	Land Vehicles, Dumping
301	Land Vehicles, Wheels and Axles
69	Leather Manufactures
158	Liquid and Gaseous Fuel Burners
122	Liquid Heaters and Vaporizers
210	Liquid Purification or Separation
70	Locks
184	Lubrication
74	Machine Elements and Mechanisms
308	Machine Elements, Bearings and Guides
64	Machine Elements, Shafting and Flexible Shaft Couplings
282	Manifolding
115	Marine Propulsion
214	Material or Article Handling
73	Measuring and Testing
124	Mechanical Guns and Projectors
167	Medicines, Poisons and Cosmetics
153	Metal Bending*
72	Metal Deforming**
205	Metal Drawing*
78	Metal Forging and Welding*
22	Metal Founding
228	Metal Fusion-Bonding Apparatus**
80	Metal Rolling*
76	Metal Tools and Implements, Making
148	Metal Treatment
29	Metal Working
189	Metallic Building Structures
220	Metallic Receptacles
266	Metallurgical Apparatus
75	Metallurgy
196	Mineral Oils: Apparatus
208	Mineral Oils: Processes and Products
299	Mining or In Situ Disintegration of Hard Materials
328	Miscellaneous Electron Space Discharge Device Systems
16	Miscellaneous Hardware
325	Modulated Carrier Wave Communication Systems
332	Modulators
180	Motor Vehicles
91	Motors, Expansible Chamber Type
253	Motors, Fluid
170	Motors, Fluid Current
185	Motors, Spring, Weight and Animal Powered
84	Music
1	Nailing, Stapling and Clip Clenching*

*Class abolished during 1965
**Class established during 1965

Class	Title
163	Needle and Pin Making
176	Nuclear Reactions and Systems
151	Nut and Bolt Locks
88	Optics
351	Optics, Eye Examining, Vision Testing and Correcting
352	Optics, Motion Pictures
89	Ordnance
331	Oscillators
224	Package and Article Carriers
53	Package Making
129	Paper Files and Binders
162	Paper Making and Fiber Liberation
93	Paper Manufactures
229	Paper Receptacles
96	Photographic Chemistry, Processes and Materials
95	Photography
285	Pipe Joints or Couplings
138	Pipes and Tubular Conduits
47	Plant Husbandry
111	Planting
	Plants
25	Plastic Block and Earthenware Apparatus
264	Plastic and Non-Metallic Article Shaping or Treating: Processes
207	Plastic Metal Working*
18	Plastics
243	Pneumatic Dispatch
60	Power Plants
21	Preserving, Disinfecting and Sterilizing
100	Presses
290	Prime-Mover Dynamo Plants
283	Printed Matter
101	Printing
103	Pumps
254	Pushing and Pulling Implements
250	Radiant Energy
213	Railway Draft Appliances
258	Railway Mail Delivery
105	Railway Rolling Stock
246	Railway Switches and Signals
295	Railway Wheels and Axles
104	Railways
238	Railways, Surface Track
346	Recorders
62	Refrigeration
235	Registers
152	Resilient Tires and Wheels
94	Roads and Pavements
287	Rod Joints or Couplings
109	Safes, Bank Protection and Related Devices
275	Scattering-Unloaders
234	Selective Cutting (e.g., Punching)
225	Severing by Tearing or Breaking
112	Sewing
271	Sheet Feeding or Delivering
270	Sheet-Material Associating or Folding
113	Sheet-Metal Ware, Making
114	Ships
116	Signals and Indicators
241	Solid Material Comminution or Disintegration
274	Sound Recording and Reproducing
206	Special Receptacles and Packages
267	Spring Devices
249	Static Molds**
52	Static Structures, e.g., Buildings**
120	Stationery
161	Stock Material and Miscellaneous Articles
125	Stone Working
186	Store Service
126	Stoves and Furnaces
127	Sugar, Starch and Carbohydrates
248	Supports
312	Supports, Cabinet Structures
211	Supports, Racks
128	Surgery
178	Telegraphy
179	Telephony
135	Tents, Canopies, Umbrellas and Canes
87	Textiles, Braiding, Netting and Lace Making
26	Textiles, Cloth Finishing
19	Textiles, Fiber Preparation
68	Textiles, Fluid Treating Apparatus
38	Textiles, Ironing or Smoothing
66	Textiles, Knitting
28	Textiles, Manufacturing
57	Textiles, Spinning, Twisting and Twining
139	Textiles, Weaving
130	Threshing
131	Tobacco
132	Toilet
173	Tool Driving or Impacting
306	Tool-Handle Fastenings
81	Tools
291	Track Sanders
212	Traversing Hoists
334	Tuners
82	Turning
199	Type Casting
276	Type Setting
197	Typewriting Machines
27	Undertaking
171	Unearthing Plants or Buried Objects
251	Valves and Valve Actuation
146	Vegetable and Meat Cutters and Comminutors
293	Vehicle Fenders
98	Ventilation
333	Wave Transmission Lines and Networks
177	Weighing Scales
166	Wells
305	Wheel Substitutes for Land Vehicles
157	Wheelwright Machines
231	Whips and Whip Apparatus
242	Winding and Reeling
245	Wire Fabrics and Structure
140	Wireworking
143	Wood Sawing
142	Wood Turning
20	Wooden Buildings
217	Wooden Receptacles

*Class abolished during 1965
**Class established during 1965

Class	Title
144	Woodworking
145	Woodworking Tools
269	Work Holders

Classes Established During 1965

52	Static Structures, e.g., Buildings (7/28)
72	Metal Deforming (3/11)
201	Distillation: Processes, Thermolytic (12/15)
203	Distillation: Processes, Separatory (12/15)
227	Elongated-Member-Driving Apparatus (3/11)
228	Metal Fusion-Bonding Apparatus (3/11)
249	Static Molds (4/28)

Class	Title

Classes Abolished During 1965

1	Nailing, Stapling and Clip Clenching (3/11)
50	Building Structures (7/28)
78	Metal Forging and Welding (3/11)
80	Metal Rolling (3/11)
153	Metal Bending (3/11)
205	Metal Drawing (3/11)
207	Plastic Metal Working (3/11)
218	Button, Eyelet and Rivet Setting (3/11)

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Kalamazoo, Public Library
Lansing, Michigan State Library
Marquette, Olson Library, Northern Michigan Univ.
Muskegon, Hackley Public Library
Saginaw, Hoyt Public Library

MINNESOTA

Duluth, Public Library
Mankato, State College
Minneapolis, Public Library
Minneapolis, U. of Minnesota
Northfield, St. Olaf College
St. Paul, Minnesota State Law Library
St. Paul, Public Library

MISSISSIPPI

Hattiesburg, University of Southern Mississippi
Jackson, Mississippi State Library
State College, Mitchell Memorial Library, Miss. State U.
University, U. of Mississippi

MISSOURI

Columbia, U. of Missouri
Jefferson City, Lincoln University
Kansas City, Public Library
Kansas City, U. of Kansas City
St. Joseph, Public Library
St. Louis, Pius XII Memorial Library
St. Louis, Public Library
St. Louis, Washington U.
Rolla, School of Mines & Metallurgy, U. of Missouri

MONTANA

Bozeman, Montana State College
Missoula, State University of Montana

NEBRASKA

Hastings, Public Library
Kearney, Nebraska State Teachers College
Lincoln, Nebraska State Library
Lincoln, University of Nebraska
Omaha, Public Library

NEVADA

Reno, University of Nevada

NEW HAMPSHIRE

Concord, New Hampshire State Library
Durham, U. of New Hampshire
Hanover, Dartmouth College Library

NEW JERSEY

Atlantic City, Free Public Library
Bayonne, Free Public Library
Bloomfield, Free Public Library
Camden, Free Public Library
Elizabeth, Public Library
Glassboro, Savitz Library, Glassboro State College
Jersey City, Free Public Library
Newark, Public Library
New Brunswick, Rutgers University
Passaic, Public Library
Princeton, Princeton University
South Orange, Seton Hall University
Trenton, Free Public Library
Woodbridge, Free Public Library

NEW MEXICO

Albuquerque, U. of New Mexico
Santa Fe, New Mexico State Library
Santa Fe, Supreme Court Law Library

NEW YORK

Albany, New York State Library
Binghamton, Harpur College
Brooklyn, Polytechnic Institute of Brooklyn
Brooklyn, Pratt Institute
Brooklyn, Public Library
Buffalo, Buffalo & Erie Co. Public Library
Buffalo, Lockwood Memorial Library, State Univ. of New York
Elmira, Elmira College
Farmingdale, Agricultural & Technical Institute, State University Library
Greenvale, C. W. Post College
Ithaca, Cornell University
Jamaica, Queens Borough Public Library
Jamaica, St. Johns University
Levittown, Public Library
New York, Astor Branch Public Library
New York, City College
New York, Columbia University
New York, Lenox Branch Public Library
New York, N.Y. Law Institute
Potsdam, Clarkson College of Technology
Potsdam, State U. Library
Rochester, Public Library
Rochester, U. of Rochester
St. Bonaventure, St. Bonaventure College
Stony Brook, State University of New York
Syracuse, Syracuse University
Troy, Public Library
Utica, Public Library
Yonkers, Public Library

NORTH CAROLINA

Chapel Hill, University of N.C.
Charlotte, Public Library of Charlotte and Mecklenburg County
Charlotte, U. of North Carolina at Charlotte
Durham, Duke University
Greensboro, Agricultural & Technical College
Greensboro, The Walter Clinton Jackson Library, University of N.C.
Raleigh, D. H. Hill Library, North Carolina State Coll.
Raleigh, N. Carolina State Library
Winston-Salem, Public Library

NORTH DAKOTA

Fargo, N. Dakota State U. of Agriculture & Appl. Sc.
Grand Forks, U. of North Dakota

OHIO

Ada, Ohio Northern University College of Law
Akron, Public Library
Alliance, Mt. Union College
Athens, Ohio University
Bowling Green, Bowling Green State U.
Cincinnati, Public Library
Cleveland, Public Library
Columbus, Ohio State Library
Columbus, Ohio State University
Columbus, Public Library
Dayton, Public Library
Hiram, Hiram College
Marietta, Marietta College
Oxford, Miami U. Library
Springfield, Warder Public Library
Toledo, Public Library
Toledo, University of Toledo
Youngstown, Public Library

OKLAHOMA

Enid, Public Library
Norman, U. of Oklahoma
Oklahoma City, Oklahoma State Library
Stillwater, Oklahoma State U.
Tulsa, Tulsa City-Council Central Library
Tulsa, U. of Tulsa

OREGON

Corvallis, Oregon State U.
Eugene, U. of Oregon
Portland, Library Association of Portland
Salem, Oregon State Library

PENNSYLVANIA

Bethlehem, Lehigh University
Bradford, Carnegie Public Library
Erie, Public Library
Greenville, Thiel College
Harrisburg, Pennsylvania State Library
Hazleton, Public Library
Lancaster, Franklin and Marshall College
Philadelphia, Free Library of Philadelphia
Philadelphia, Temple University Library
Pittsburgh, Allegheny Regional Branch Library
Pittsburgh, Bureau of Mines, Pittsburgh Coal Research Center
Pittsburgh, Carnegie Library of Pittsburgh
Pittsburgh, University of Pittsburgh
Reading, Public Library
Scranton, Public Library
University Park, The Pennsylvania State U.
Villanova, Villanova University
Warren, Warren Library Association
Wilkes-Barre, King's College
Williamsport, James V. Brown Library

PUERTO RICO

Mayaguez, College of Agriculture
Rio Piedras, University of Puerto Rico General Library

RHODE ISLAND

Kingston, U. of Rhode Island
Providence, Public Library

SOUTH CAROLINA

Clemson, Clemson College
Columbia, U. of South Carolina McKissick Memorial Library

SOUTH DAKOTA

Brookings, Lincoln Memorial Library, South Dakota State University
Rapid City, Public Library
Vermillion, U. of South Dakota

TENNESSEE

Chattanooga, Public Library
Jefferson City, Maples Library, Carson-Newman College
Johnson City, East Tennessee State University
Knoxville, U. of Tennessee
Memphis, Cossitt Reference Library
Nashville, Joint University Libraries
Nashville, Public Library
Nashville, Tennessee State Library and Archives

TEXAS

Abilene, Hardin Simmons U.
Austin, Texas State Library
Austin, U. of Texas
Beaumont, Lamar State College of Technology
Brownwood, Walker Memorial Library
College Station, Texas A. & M. University
Dallas, Public Library
Dallas, Southern Methodist U.
Denton, North Texas State U.
Edinburg, Pan American College
El Paso, Public Library
Fort Worth, Public Library
Fort Worth, Texas Christian U., Mary Couts Burnett Library
Galveston, Rosenberg Library
Houston, Public Library
Kingsville, Texas College of Arts & Industries
Longview, Nicholson Memorial Library
Lubbock, Texas Technological College
Nacogdoches, Stephen F. Austin State College
Plainview, Van Howeling Memorial Library, Wayland Baptist College
San Antonio, Public Library
San Antonio, St. Mary's University
San Antonio, Trinity University
San Marcos, Southwest Texas State College
Waco, Baylor University

UTAH

Logan, Utah State U. of Agriculture & Applied Science
Provo, Brigham Young U.
Salt Lake City, U. of Utah

VERMONT

Northfield, Norwich University
Putney, Dorothy Marvin Library

VIRGINIA

Blacksburg, Virginia Polytechnic Institute
Emory, Emory and Henry College
Norfolk, Public Library
Richmond, Virginia State Library
Roanoke, Public Library
University, University of Virginia

WASHINGTON

Ellensburg, Central Washington State College
Olympia, Washington State Library
Pullman, Washington State U.
Seattle, Public Library
Seattle, U. of Washington
Spokane, Public Library
Tacoma, Public Library
Vancouver, Fort Vancouver Regional Library
Walla Walla, Whitman College

WEST VIRGINIA

Huntington, Marshall University
Institute, West Virginia State College
Morgantown, West Virginia U.

WISCONSIN

Appleton, Lawrence College
Beloit, Beloit College Libraries
La Crosse, Florence Wing Library, Wisconsin State U.
La Crosse, Public Library
Madison, State Historical Society
Madison, U. of Wisconsin
Milwaukee, Public Library
Oshkosh, Wisconsin State College
Racine, Public Library
Stevens Point, Wisconsin State College
Whitewater, Wisconsin State College

WYOMING

Cheyenne, Wyoming State Library
Laramie, U. of Wyoming

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SUMMARY OF THE NUMBER OF PATENTS ISSUED ANNUALLY, 1836–1965

Year	The number of the first patent issued in each calendar year [1]				The number of patents issued in each calendar year [2]			
	Invention	Reissue	Design	Plant	Invention	Reissue	Design	Plant
1836	1	[3]			103	6		
1837	110	[3]			426	10		
1838	546	1			514	6		
1839	1, 106	7			404	13		
1840	1, 465	20			458	10		
1841	1, 923	30			490	6		
1842	2, 413	36			488	13	1	
1843	2, 901	49	1		493	11	14	
1844	3, 395	60	15		478	7	12	
1845	3, 873	67	27		473	11	17	
1846	4, 348	78	44		566	13	59	
1847	4, 914	91	103		495	14	60	
1848	5, 409	105	163		583	23	46	
1849	5, 993	128	209		984	30	49	
1850	6, 981	158	258		883	26	83	
1851	7, 865	184	341		752	25	90	
1852	8, 622	209	431		885	20	109	
1853	9, 512	229	540		844	29	86	
1854	10, 358	258	626		1, 755	28	57	
1855	12, 117	286	683		1, 881	51	70	
1856	14, 009	337	753		2, 302	83	107	
1857	16, 324	420	860		2, 674	97	113	
1858	19, 010	517	973		3, 455	126	102	
1859	22, 477	643	1, 075		4, 160	231	107	
1860	26, 642	874	1, 183		4, 357	232	183	
1861	31, 005	1, 106	1, 366		3, 020	147	142	
1862	34, 045	1, 253	1, 508		3, 214	116	195	
1863	37, 266	1, 369	1, 703		3, 773	227	176	
1864	41, 047	1, 596	1, 879		4, 630	248	139	
1865	45, 685	1, 844	2, 018		6, 088	296	221	
1866	51, 784	2, 140	2, 239		8, 863	290	294	
1867	60, 658	2, 430	2, 533		12, 277	400	325	
1868	72, 959	2, 830	2, 858		12, 526	420	445	
1869	85, 503	3, 250	3, 304		12, 931	534	506	
1870	98, 460	3, 784	3, 810		12, 137	439	737	
1871	110, 617	4, 223	4, 547		11, 659	464	903	
1872	122, 304	4, 687	5, 452		12, 180	529	884	
1873	134, 504	5, 216	6, 336		11, 616	501	747	
1874	146, 120	5, 717	7, 083		12, 230	483	886	
1875	158, 350	6, 200	7, 969		13, 291	631	915	
1876	171, 641	6, 831	8, 884		14, 169	621	802	
1877	185, 813	7, 452	9, 686		12, 920	568	699	
1878	198, 733	8, 020	10, 385		12, 345	509	590	
1879	211, 078	8, 529	10, 975		12, 125	488	591	
1880	223, 211	9, 017	11, 567		12, 903	506	514	
1881	236, 137	9, 523	12, 082		15, 500	471	565	
1882	251, 685	9, 994	12, 647		18, 091	271	858	
1883	269, 820	10, 265	13, 508		21, 162	167	1, 017	
1884	291, 016	10, 432	14, 528		19, 118	116	1, 150	
1885	310, 163	10, 548	15, 678		23, 285	129	769	
1886	333, 494	10, 677	16, 451		21, 767	116	594	
1887	355, 291	10, 793	17, 046		20, 403	99	948	
1888	375, 720	10, 892	17, 995		19, 551	86	832	
1889	395, 305	10, 978	18, 830		23, 324	75	723	

See footnotes at end of table.

SUMMARY OF THE NUMBER OF PATENTS ISSUED ANNUALLY, 1836–1965—Continued

Year	The number of the first patent issued in each calendar year [1]				The number of patents issued in each calendar year [2]			
	Invention	Reissue	Design	Plant	Invention	Reissue	Design	Plant
1890	418, 665	11, 053	19, 553		25, 313	84	886	
1891	443, 987	11, 137	20, 439		22, 312	80	835	
1892	466, 315	11, 217	21, 275		22, 647	81	816	
1893	488, 976	11, 298	22, 092		22, 750	99	899	
1894	511, 744	11, 397	22, 994		19, 855	64	927	
1895	531, 619	11, 461	23, 922		20, 856	59	1, 108	
1896	552, 502	11, 520	25, 037		21, 822	61	1, 441	
1897	574, 369	11, 581	26, 482		22, 067	65	1, 620	
1898	596, 467	11, 646	28, 113		20, 377	60	1, 799	
1899	616, 871	11, 706	29, 916		23, 278	92	2, 137	
1900	640, 167	11, 798	32, 055		24, 644	81	1, 754	
1901	664, 827	11, 879	33, 813		25, 546	81	1, 729	
1902	690, 385	11, 960	35, 547		27, 119	110	639	
1903	717, 521	12, 070	36, 187		31, 029	117	536	
1904	748, 567	12, 189	36, 723		30, 258	110	553	
1905	778, 834	12, 299	37, 280		29, 775	129	486	
1906	808, 618	12, 428	37, 766		31, 170	159	620	
1907	839, 799	12, 587	38, 391		35, 859	151	589	
1908	875, 679	12, 738	38, 980		32, 735	168	755	
1909	908, 436	12, 906	39, 737		36, 561	160	679	
1910	945, 010	13, 066	40, 424		35, 141	123	636	
1911	980, 178	13, 189	41, 063		32, 856	157	1, 004	
1912	1, 013, 095	13, 346	42, 073		36, 198	158	1, 341	
1913	1, 049, 326	13, 504	43, 415		33, 917	164	1, 677	
1914	1, 083, 267	13, 668	45, 098		39, 892	190	1, 711	
1915	1, 123, 212	13, 858	46, 813		43, 118	182	1, 538	
1916	1, 166, 419	14, 040	48, 358		43, 892	198	1, 745	
1917	1, 210, 389	14, 238	50, 117		40, 935	179	1, 505	
1918	1, 251, 458	14, 417	51, 629		38, 452	165	1, 206	
1919	1, 290, 027	14, 582	52, 836		36, 797	203	1, 521	
1920	1, 326, 899	14, 785	54, 359		37, 060	233	2, 481	
1921	1, 364, 063	15, 018	56, 844		37, 798	239	3, 265	
1922	1, 401, 948	15, 257	60, 121		38, 369	256	1, 609	
1923	1, 440, 362	15, 513	61, 748		38, 616	226	1, 927	
1924	1, 478, 996	15, 739	63, 675		42, 574	235	2, 670	
1925	1, 521, 590	15, 974	66, 346		46, 432	266	2, 819	
1926	1, 568, 040	16, 240	69, 170		44, 733	275	2, 597	
1927	1, 612, 700	16, 515	71, 772		41, 717	326	2, 387	
1928	1, 654, 521	16, 841	74, 159		42, 357	335	3, 182	
1929	1, 696, 897	17, 176	77, 347		45, 267	374	2, 905	
1930	1, 742, 181	17, 550	80, 254		45, 226	367	2, 710	
1931	1, 787, 424	17, 917	82, 966	1	51, 756	395	2, 935	5
1932	1, 839, 190	18, 312	85, 903	6	53, 458	393	2, 942	46
1933	1, 892, 663	18, 705	88, 847	52	48, 774	333	2, 411	33
1934	1, 941, 449	19, 038	91, 258	85	44, 420	371	2, 919	32
1935	1, 985, 878	19, 409	94, 179	117	40, 618	395	3, 864	45
1936	2, 026, 516	19, 804	98, 045	162	39, 782	422	4, 556	49
1937	2, 066, 309	20, 226	102, 601	211	37, 683	384	5, 136	55
1938	2, 104, 004	20, 610	107, 738	266	38, 061	349	5, 026	41
1939	2, 142, 080	20, 959	112, 765	307	43, 073	352	5, 592	45
1940	2, 185, 170	21, 311	118, 358	352	42, 238	372	6, 145	85
1941	2, 227, 418	21, 683	124, 503	437	41, 109	309	6, 486	62
1942	2, 268, 540	21, 992	130, 989	499	38, 449	250	3, 728	65
1943	2, 307, 007	22, 242	134, 717	564	31, 054	173	2, 228	47
1944	2, 338, 081	22, 415	136, 946	611	28, 053	170	2, 914	38
1945	2, 366, 154	22, 585	139, 862	649	25, 695	121	3, 524	17
1946	2, 391, 856	22, 706	143, 386	666	21, 803	121	2, 778	56
1947	2, 413, 675	22, 827	146, 165	722	20, 139	130	2, 102	52
1948	2, 433, 824	22, 957	148, 267	774	23, 963	111	3, 968	44
1949	2, 457, 797	23, 068	152, 235	818	35, 131	118	4, 450	93

See footnotes at end of table.

SUMMARY OF THE NUMBER OF PATENTS ISSUED ANNUALLY, 1836–1965—Continued

Year	The number of the first patent issued in each calendar year [1]				The number of patents issued in each calendar year [2]			
	Invention	Reissue	Design	Plant	Invention	Reissue	Design	Plant
1950	2, 492, 944	23, 186	156, 686	911	43, 040	129	4, 718	89
1951	2, 536, 016	23, 315	161, 404	1, 001	44, 326	134	4, 163	58
1952	2, 580, 379	23, 449	165, 568	1, 059	43, 616	163	2, 959	101
1953	2, 624, 046	23, 612	168, 527	1, 160	40, 468	151	2, 713	78
1954	2, 664, 562	23, 763	171, 241	1, 238	33, 809	155	2, 536	101
1955	2, 698, 434	23, 918	173, 777	1, 339	30, 432	187	2, 713	103
1956	2, 728, 913	24, 105	176, 490	1, 442	46, 817	158	2, 977	101
1957	2, 775, 762	24, 263	179, 467	1, 543	42, 744	150	2, 362	129
1958	2, 818, 567	24, 413	181, 829	1, 672	48, 330	170	2, 374	120
1959	2, 866, 973	24, 584	184, 204	1, 792	52, 408	177	2, 768	101
1960	2, 919, 443	24, 761	186, 973	1, 893	47, 170	157	2, 543	116
1961	2, 966, 681	24, 918	189, 516	2, 009	48, 368	189	2, 487	108
1962	3, 015, 103	25, 107	192, 004	2, 117	55, 691	202	2, 300	91
1963	3, 070, 801	25, 309	194, 304	2, 208	45, 686	198	2, 695	129
1964	3, 116, 487	25, 507	197, 269	2, 337	47, 378	200	2, 686	128
1965	3, 163, 865	25, 707	199, 955	2, 465	62, 864	246	3, 424	120
1966	3, 226, 729	25, 953	203, 379	2, 585				

[1] The patent numbering system began with a patent issued on July 13, 1836 under the Patent Act adopted July 4, 1836. Up to this time, a total of 9,957 patents had been issued.

[2] The number of patents issued during a year may be fewer than the number derived by subtracting the number of the first patent issued in one year from the number of the first patent issued in the next year. Some numbers in the series may not be used. This results when an application scheduled to be patented and to which a patent number is assigned is withdrawn for some reason at a time when it is too late to reassign that number.

[3] Not separately numbered until 1838.

LIST OF PATENT, DESIGN, PLANT PATENT, AND REISSUE NUMBERS APPEARING IN THE INDIVIDUAL ISSUES OF THE OFFICIAL GAZETTE FOR 1965

Issue of	Vol.	No.	First Number in Issue			
			Patents	Designs	Plant Patents	Reissues
Jan. 5	810	1	3, 163, 865	199, 955	None	25, 707
Jan. 12		2	3, 164, 839	200, 045	2, 465	25, 710
Jan. 19		3	3, 165, 754	200, 089	2, 466	25, 711
Jan. 26		4	3, 166, 757	200, 146	None	25, 715
Feb. 2	811	1	3, 167, 778	200, 189	2, 468	25, 723
Feb. 9		2	3, 168, 744	200, 229	None	25, 724
Feb. 16		3	3, 169, 249	200, 288	2, 471	25, 728
Feb. 23		4	3, 170, 160	200, 392	2, 483	25, 732
Mar. 2	812	1	3, 171, 131	200, 460	None	25, 735
Mar. 9		2	3, 172, 117	200, 523	2, 486	25, 739
Mar. 16		3	3, 173, 147	200, 566	2, 487	25, 744
Mar. 23		4	3, 174, 155	200, 623	2, 489	25, 745
Mar. 30		5	3, 175, 225	200, 697	None	None
Apr. 6	813	1	3, 176, 314	200, 755	2, 490	25, 751
Apr. 13		2	3, 177, 498	200, 842	2, 492	25, 761
Apr. 20		3	3, 178, 723	200, 894	2, 493	25, 765
Apr. 27		4	3, 179, 953	200, 952	2, 499	25, 767
May 4	814	1	3, 181, 175	200, 996	2, 502	25, 772
May 11		2	3, 182, 335	201, 070	2, 507	25, 775
May 18		3	3, 183, 522	201, 119	2, 513	25, 778
May 25		4	3, 184, 756	201, 172	2, 517	None
June 1	815	1	3, 186, 004	201, 239	2, 522	25, 785
June 8		2	3, 187, 342	201, 271	2, 528	25, 791
June 15		3	3, 188, 654	201, 343	2, 535	25, 797
June 22		4	3, 189, 917	201, 426	2, 539	25, 803
June 29		5	3, 191, 185	201, 490	2, 542	25, 811
July 6	816	1	3, 192, 536	201, 539	2, 543	25, 815
July 13		2	3, 193, 841	201, 610	2, 544	None
July 20		3	3, 195, 147	201, 657	2, 545	25, 820
July 27		4	3, 196, 458	201, 742	None	25, 823
Aug. 3	817	1	3, 197, 784	201, 784	2, 546	25, 826
Aug. 10		2	3, 199, 118	201, 860	2, 547	25, 833
Aug. 17		3	3, 200, 413	201, 946	None	25, 840
Aug. 24		4	3, 201, 800	202, 021	2, 548	25, 842
Aug. 31		5	3, 203, 003	202, 097	2, 549	25, 844
Sept. 7	818	1	3, 204, 251	202, 164	None	25, 849
Sept. 14		2	3, 205, 508	202, 256	None	25, 856
Sept. 21		3	3, 206, 760	202, 325	None	25, 958
Sept. 28		4	3, 208, 080	202, 408	2, 552	25, 868
Oct. 5	819	1	3, 209, 369	202, 461	None	25, 869
Oct. 12		2	3, 210, 773	202, 492	None	25, 875
Oct. 19		3	3, 212, 101	202, 539	2, 558	25, 882
Oct. 26		4	3, 213, 463	202, 606	2, 565	25, 886
Nov. 2	820	1	3, 214, 767	202, 688	2, 566	25, 891
Nov. 9		2	3, 216, 023	202, 759	None	25, 895
Nov. 16		3	3, 217, 332	202, 865	2, 570	25, 903
Nov. 23		4	3, 218, 649	202, 973	2, 576	25, 909
Nov. 30		5	3, 220, 014	203, 025	None	25, 917
Dec. 7	821	1	3, 221, 339	203, 100	2, 577	25, 923
Dec. 14		2	3, 222, 683	203, 150	None	25, 939
Dec. 21		3	3, 224, 009	203, 248	2, 580	None
Dec. 28		4	3, 225, 356	203, 328	2, 581	None
Last number of 1965			3, 226, 728	203, 379	2, 585	25, 953

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